

NEC

**NDA-24298
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NEAX[®] 2400 IPX

Office Data Specification

OCTOBER, 2000

NEC America, Inc.

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The information contained in this document is specific to D^{term} Series E only.

Throughout this document, references to “Console” or “Attendant Console” imply a Hotel Console. Most features described in this manual require a Hotel Console. However, some features (including A-57, A-73, I-23, P-34, and V-16) can also be performed using a Business Console.

Minimum firmware may be required. Contact NEC Engineering for additional information.

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AADCN	Assignment of Additional Digit Translation Data for NDM	325
AAED	Assignment of Announcement Equipment Data	615
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ASID	Assignment of Special Incoming	732
ASID_T	Assignment of Special Incoming – Telephone Number	735
ASLU1	Assignment of Slumber Time Data 1	749
ASLU1_T	Assignment of Slumber Time Data 1 – Telephone Number	751
ASLU2	Assignment of Slumber Time Data 2	753
ASPA	Assignment of Special Access Code	214
ASPAL	Assignment of Special Access Code for LDM	237
ASPAN	Assignment of Special Access Code for NDM	927
ASPD	Assignment of Speed Calling	786
ASTD	Assignment of State Translation Data	203
ASTN	Assignment of Station Number	414
ASTP	Assignment of Selection Translation Pattern	278
ASTPL	Assignment of Selection Translation Pattern for LDM	282
ASTPN	Assignment of Selection Translation Pattern for NDM	285
ASYD	Assignment of System Data	60
ASYDL	Assignment of System Data for LDM	173
ASYDN	Assignment of System Data for NDM	904
ATAS	Assignment of TAS Service Data	770
ATCP	Assignment of Time/Pattern Change Information	297
ATDF	Assignment of Time Difference Data	970
ATDP	Assignment of Toll Code Restriction	371

BUSINESS COMMAND LIST IN ALPHANUMERIC ORDER (CONTINUED)

COMMAND NAME	FULL COMMAND NAME	PAGE
ATDPL	Assignment of Toll Code Restriction for LDM	376
ATDPN	Assignment of Toll Code Restriction for NDM	379
ATGL	Assignment of Trunk Group Busy Lamp	594
ATGLL	Assignment of Trunk Group Busy Lamp for LDM	596
ATIM	Assignment of Date and Time	57
ATIMN	Assignment of Date and Time for NDM	58
ATNR	Assignment of Tenant Restriction Class Data	405
ATRK	Assignment of Trunk Data	570
ATSTN	Assignment of Telephone Number and Station Number for NDM	960
ATTD	Assignment of Trunk Test Data	738
AUAD	Assignment of UCD Delay Announcement Data	696
AUADL	Assignment of UCD Delay Announcement Data for LDM	699
AUADN	Assignment of UCD Delay Announcement Data for NDM	702
AUCD	Assignment of UCD Control Data	681
AUCDL	Assignment of UCD Control Data for LDM	684
AUCDN	Assignment of UCD Control Data for NDM	687
AUIDL	Assignment of User ID data for LDM	208
AUIDN	Assignment of User ID data for NDM	903
AUNE	Assignment of Uniform Numbering	339
AUNEL	Assignment of Uniform Numbering for LDM	342
AUNT	Assignment of Unit Data	191
AUOG	Assignment of UCD Overflow Group	690
AUOGL	Assignment of UCD Overflow Group for LDM	692
AUOGN	Assignment of UCD Overflow Group for NDM	694
AVTC	Assignment of Virtual Tie Line Call Data	839
AVTL	Assignment of Virtual Tie Line Data	841
AVTM	Assignment of Virtual Tie Line Manual	844

This page is for your notes.

CHAPTER 1 INTRODUCTION

1. General

This manual describes how to operate the Maintenance Administration Terminal (MAT) and plan the office data. It also contains descriptions of the parameters for the NEAX2400 IPX.

2. How to Follow This Manual

The contents of this manual are:

- [CHAPTER 1 INTRODUCTION](#)

This chapter explains how to use this manual.

- [CHAPTER 2 ASSIGNMENT](#)

This chapter explains the system configuration and system specifications required to install and run the MAT. It contains installation instructions and information about accelerator keys and navigation keys used by MAT.

- [CHAPTER 3 OFFICE DATA DESIGN SHEET](#)

This chapter contains the office design sheets used to design the configuration and specification of IPX.

- [CHAPTER 4 BUSINESS SYSTEM COMMAND DESCRIPTIONS AND DATA SHEETS](#)

This chapter explains the Business system command parameters of the NEAX2400 IPX.

3. Reference Manuals

When installing MAT and assigning the relevant system data, refer to the following manuals in addition to this manual:

- Feature Programming Manual
- Fusion Network System Manual
- Hotel Office Data Specification (for Hotel system commands)

This page is for your notes.

CHAPTER 2 ASSIGNMENT

1. General

This chapter describes the information needed to install and operate the Maintenance Administration Terminal (MAT) software.

The IPX MAT software has the following functions:

- Allows user-friendly Graphical User Interface (GUI) with Microsoft Windows 95/NT.
- Provides both an Ethernet interface and a RS232C interface.
- Allows access to a node within the Fusion Link network using a simple Login operation,
- Supports remote maintenance capabilities through a dialup connection.
- Dumps the PBX data into a data file using of the LIST UP command.

Note: *The recorded log file is a simple text file that can be printed or edited using any Windows application that supports text file editing.*

Since the IPX MAT runs on Microsoft's 32 bit Windows plug-and-play operating system, peripheral hardware (network, remote access, modems, printers, etc.) is easy to configure. IPX MAT does not require a dedicated printer. Any printer supported by the operating system, including shared LAN printers, can be used.

2. Getting Started-Hardware

The IPX MAT PC should conform to the specifications explained in this section. The cables, modems, and HUBs required depend on the connection type.

The IPX MAT allows you to access IPX using the following connection types:

- Serial/direct
- Serial/dialup
- TCP/IP

2.1 PC Specifications

The IPX MAT software requires a PC with the following minimum specifications:

Table 2-1 PC Requirements to Run IPX MAT

CPU TYPE	Pentium 166 or higher
Memory	32 MB or more for WIN 95 and NT
Hard Disk	500 MB of free space
Video Card and Monitor	Any Microsoft Windows compatible video card (256 colors or more, screen size 800 X 600 resolution)

Table 2-1 PC Requirements to Run IPX MAT (Continued)

Modem	Any OS supported device; Required when IPX MAT is used for remote dialup access
CD-ROM Drive	Any OS supported device
Network	Any 10 BASE-T Network Interface Card when IPX MAT is connected across TCP/IP
Communication Port	COM1-COM4 when IPX MAT is connected across serial RS-232C port.
Mouse	Any Microsoft compatible mouse.
Operating System	Microsoft Windows 95 or Microsoft Windows NT Be sure to set "small fonts" in the property of the screen.

2.2 IPX MAT and IPX Connection

Figure 2-1 shows a serial/direct connection to the IOC card of IPX. The serial/direct connection allows you to access the IPX and the different nodes via the Fusion Link.

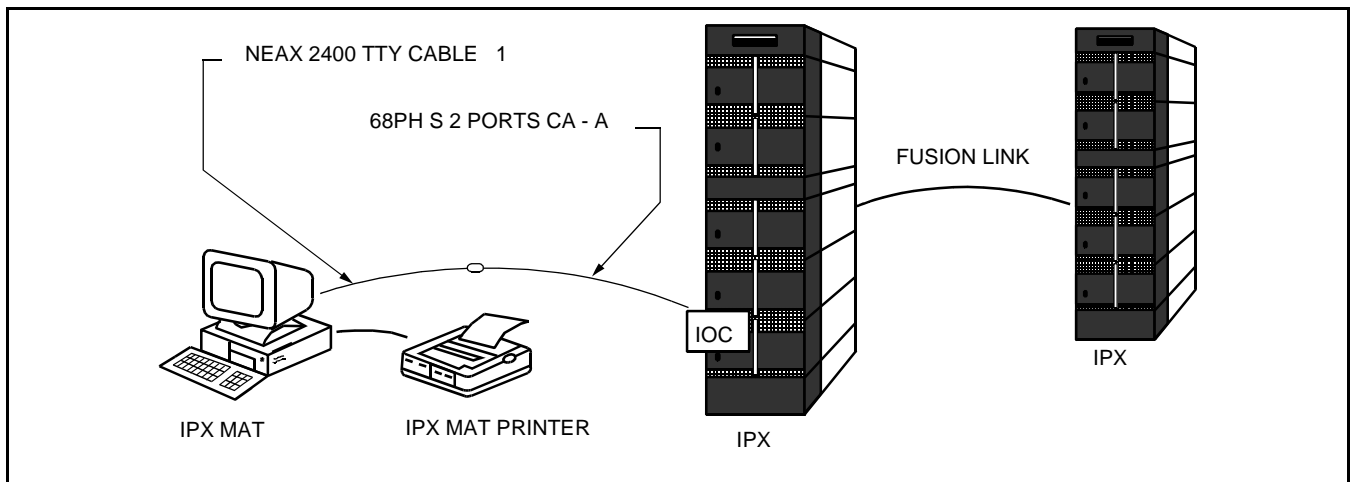


Figure 2-1 Serial/Direct Connection to IPX

IPX MAT software supports serial/direct connection to the target IPX. As seen in Figure 2-2, a modem is required at both the remote maintenance center and the IPX site. The LINE port of the modem located at the IPX site should be connected to the dedicated Line Circuit (LC), and the DATA port should be directly connected to the IOC card. The serial/dialup connection allows you to access both the first node (IPX) of the Fusion Link network and all other nodes within the Fusion Link network.

2.3 Serial/Dialup Connection to IPX

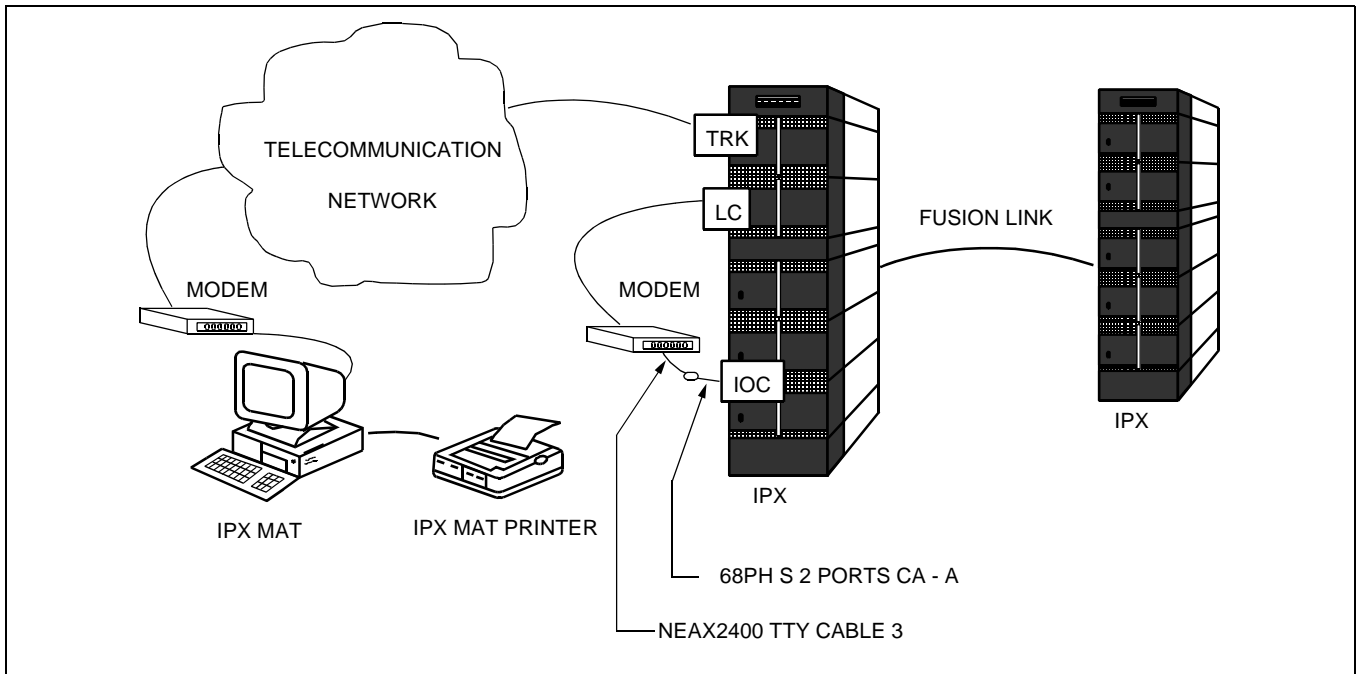


Figure 2-2 Serial/Dialup Connection to IPX

The IPX MAT software provides an advanced communication software for IPX. IPX is maintained via the LAN, WAN, or TCP/IP network on which it is running. Figure 2-3 shows the simple configuration of the TCP/IP connection. Using this connection, any node within the Fusion Link network can be accessed from IPX MAT.

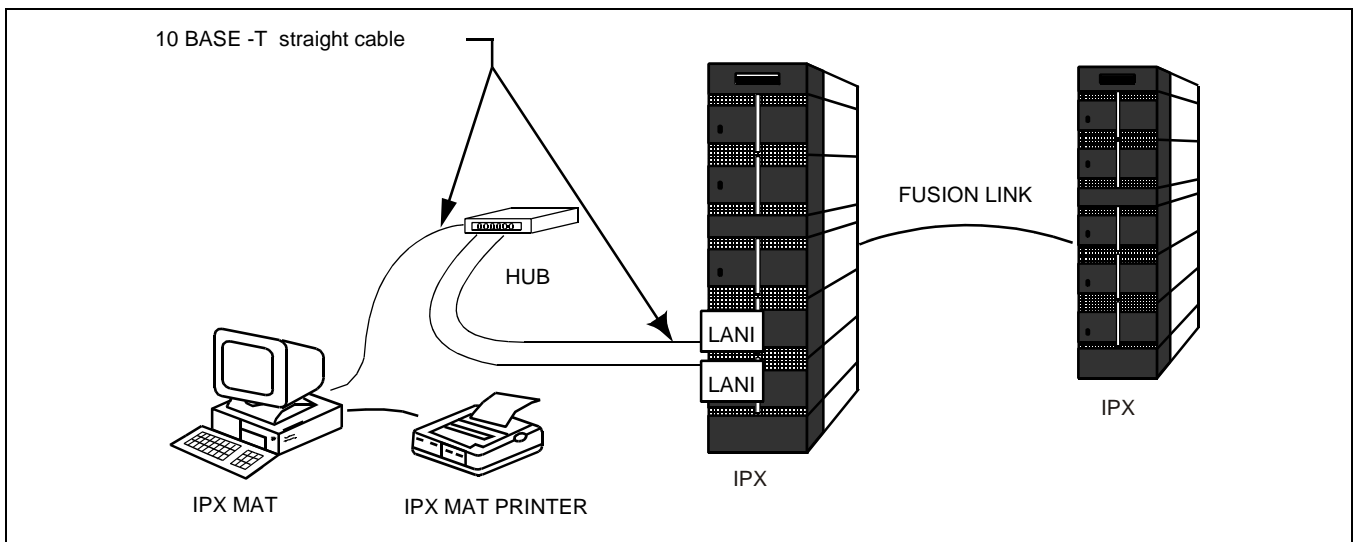


Figure 2-3 TCP/IP Connection to Dual CPR of IPX

ASSIGNMENT

Figure 2-4 shows the configuration of the PBX and IPX MAT when connecting to an existing LAN. In most cases you should use a network device such as a HUB or bridge to provide isolation from excessive network traffic.

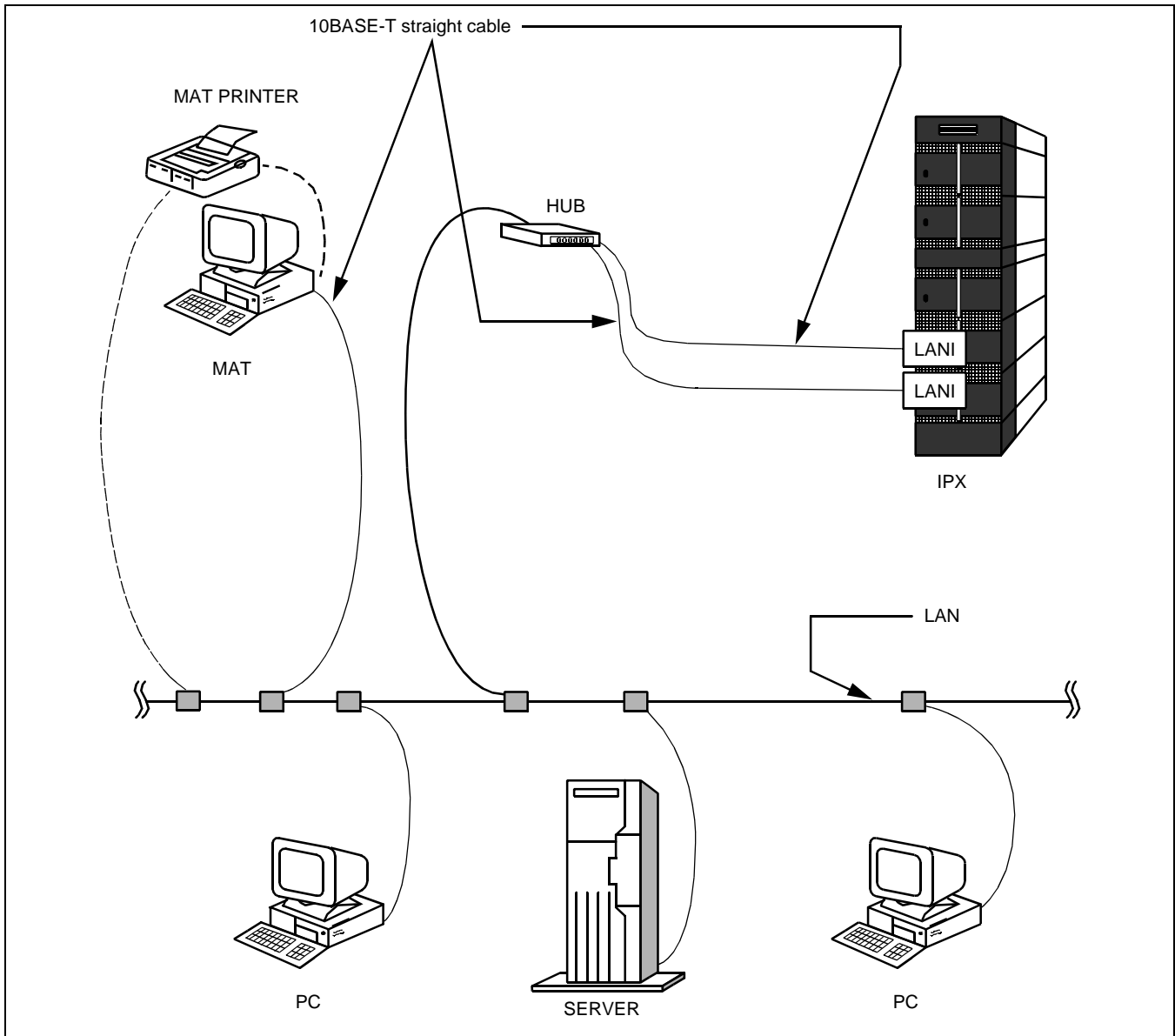


Figure 2-4 TCP/IP Connection (IP Address over the External LAN)

3. TCP/IP Considerations

The IPX MAT can communicate with the IPX via an Ethernet TCP/IP connection. In order for the IPX MAT to communicate via TCP/IP, the PC must have its network software, including the TCP/IP drivers, installed and in operation prior to installing the IPX MAT software.

If the PC does not have the network software installed and configured, a message indicating that the WINSOCK 2 setup has failed displays during the IPX MAT installation. This message is an expected response since the IPX MAT installation program attempts to upgrade the TCP/IP WINSOCK drivers to the latest version. If these drivers are not already installed, the upgrade process fails. The failure does not affect the successful installation and operation of the IPX MAT, but the TCP/IP interface cannot be used.

It is always best to install the IPX MAT software after all network software is installed. Although it is not recommended, it is possible to install the PC's standard network software after the IPX MAT software has been installed. If the IPX MAT software is installed prior to installing the network software, it will be necessary to run the WINSOCK setup program from the IPX MAT CD after installing the network software.

To run the WINSOCK setup program:

1. Insert the IPX MAT CD into the CD-ROM drive.
2. The IPX MAT setup program starts automatically.
3. Terminate (Cancel) the IPX MAT setup program on the Welcome Screen.



Figure 2-5 IPXMAT Welcome Screen

4. Select the appropriate CD-ROM drive in Windows Explorer.
5. Double-click the file named WS2SETUP.EXE.

For more information about configuring TCP/IP connections, see [Section 6.2, TCP/IP Connection](#).

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4. Installing IPX MAT Software

The following provides step-by-step instructions for installing the IPX MAT software for Windows 95/NT onto your hard disk.

1. Terminate all applications, prior to starting the installation process.
2. Insert the CD-ROM into the CD-ROM drive. (The IPX MAT installation program starts automatically.)
3. Enter your name and your company name on the User Information dialog box. Then, click **Next**.



Figure 2-6 IPX MAT User Information Dialog

4. Click **Next** on the Choose Destination Location dialog box to install the IPX MAT software in the default directory.

Note: *If you wish to install the software in another directory, you can click Browse to display a dialog box that allows you to select or create another directory.*



Figure 2-7 Choose Location Destination Screen

5. The dialog box, shown in [Figure 2-8](#) (information on WINSOCK setup), appears. Click **OK**.



Figure 2-8 Winsock 2 Setup Message Dialog Box

ASSIGNMENT

6. File copy starts automatically, while the displayed dialog boxes (See [Figure 2-9](#)) show the on-going situation.



Figure 2-9 IPXMAT Installation Screen

7. If the Setup Complete dialog box appears on the screen, the file copies have finished successfully. Click **Finish** to complete the IPX MAT software installation and restart your computer.

Note: *You should always reboot your PC after installing the IPX MAT software. Any change made during the installation process does not take effect until the computer has been rebooted.*



Figure 2-10 IPX MAT Setup Complete Dialog

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- Review the settings you have chosen, and then click **Next**. The Winsock2 Setup message box displays.

Note: *If you are installing IPX MAT on an NT 4.0 workstation, the Winsock2 Setup message box does not display. NT 4.0 does not require Winsock2 in order to run.*

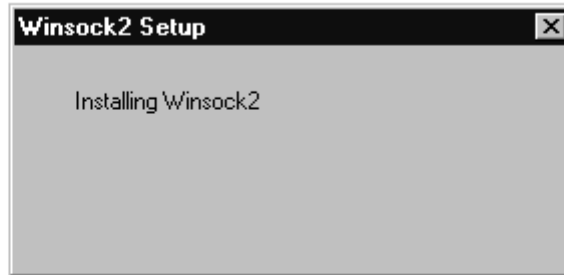


Figure 2-11 IPX MAT Installing Winsock2 Message Box

- After Winsock2 is installed, the Winsock2 Setup dialog box displays. This is an informational message only. Click **OK** to continue installing the Data Access Objects (DAO) required to run IPX MAT.

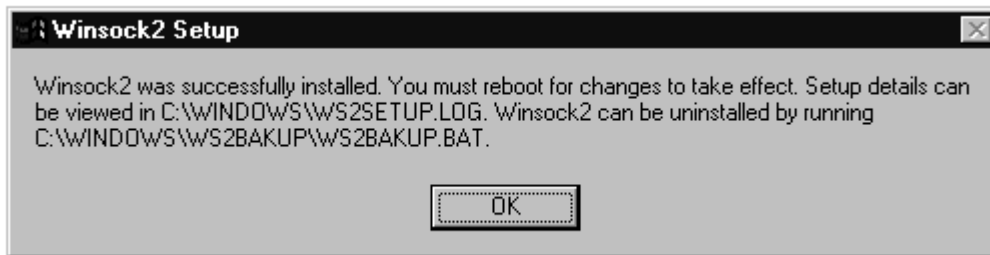


Figure 2-12 Winsock2 Setup Message Dialog Box

10. Click **OK**. The DAO Welcome Screen displays.



Figure 2-13 DAO Welcome Screen

11. Click **Next**. The Select Components dialog box displays.



Figure 2-14 DAO Select Components Screen

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12. Uncheck the ODBCdirect box and click **Next**. The Select Components dialog box displays.

Note: *If you do not uncheck the ODBCdirect box, error messages display once the DAO Setup program completes. IPX MAT will run properly even though these messages display.*



Figure 2-15 Select Components Screen

13. Click **Next**. The DAO Setup Screen displays.



Figure 2-16 DAO Setup Screen

- After the DAO files are installed, the DAO Information message box displays. Click **OK**. The IPX MAT Installation screen displays.



Figure 2-17 DAO Information Message

- To run the IPX MAT software, click the IPX MAT icon on the desktop or select it from the Start/Program menu. The IPX MAT menu displays as shown in [Figure 2-18](#).

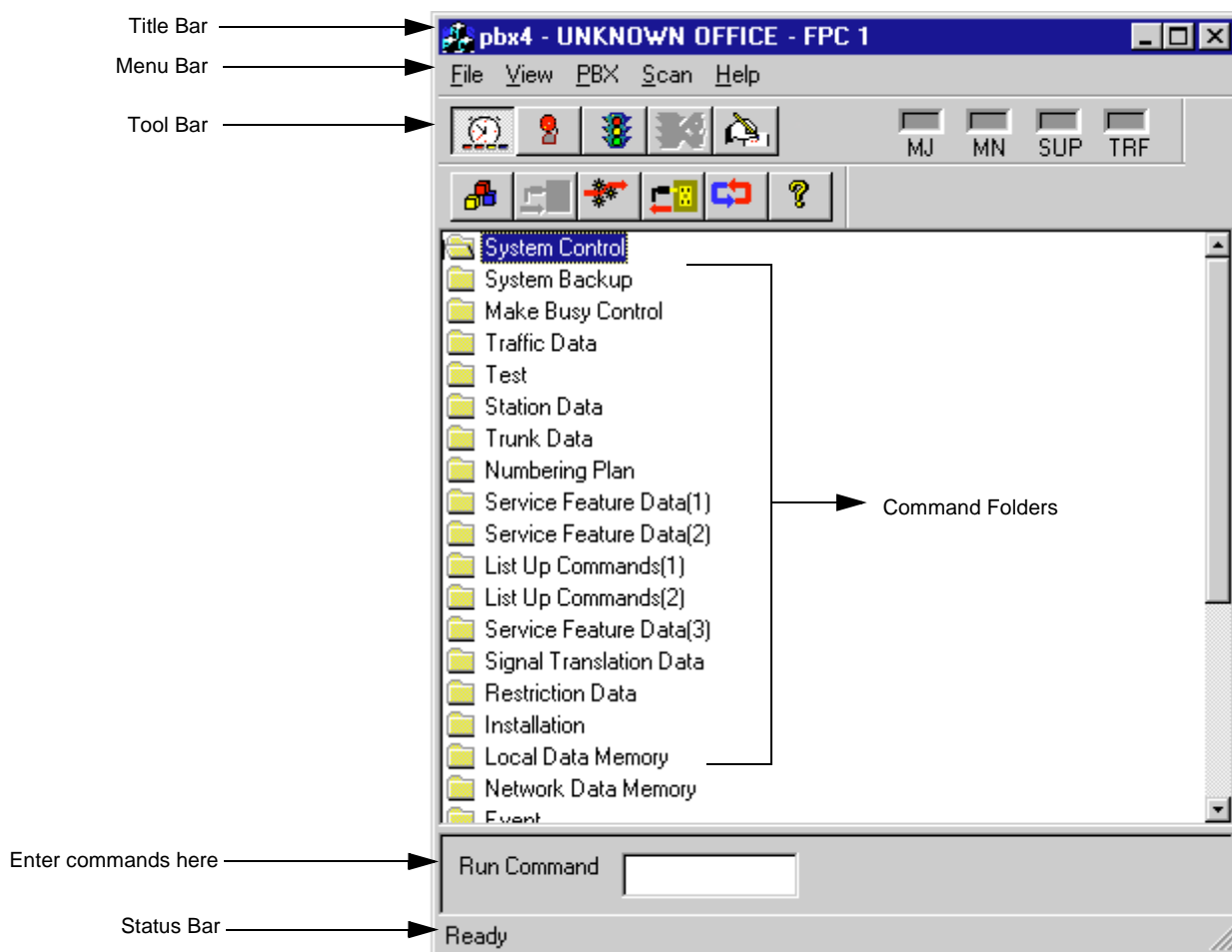


Figure 2-18 IPXMAT Main Menu

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16. To configure the PBX Alias, use the instructions in [Section 6.2, TCP/IP Connection](#).

Note: *Once you have configured the IPX MAT, you can use the Run Command line to enter task commands, or you can select the command from the Command Folders. You can also perform IPX MAT tasks using either the menu items, or the icons equivalent to the menu items.*

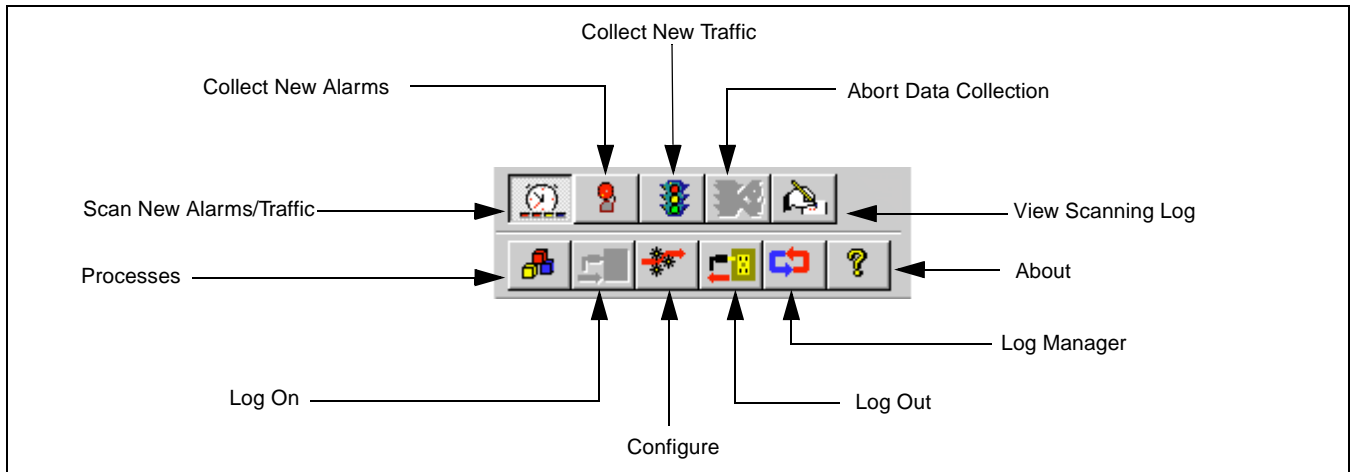


Figure 2-19 IPX MAT Tool Bar

5. IPX MAT Commands

The IPX MAT's operation is very similar to that of the NEAX2400 MS-DOS MAT, so you will find that many of the key stroke operations have been carried over into IPX MAT. In addition, some standard MS Windows operations and key strokes are used. Use the following keys, or in some instances the mouse, to select or enter data.

Table 2-2 IPX MAT Commands

Enter and Tab	This key has two functions: Writes the data to the IPX MAT memory and moves the cursor to the next text control on the dialog window.
Y (y)	Enter Y in the WRT? text control to write the data to the IPX.
N (n)	Enter N in the WRT? text control if you do not want to write the data to the IPX.
Delete	Deletes the selected characters in a text control.
Backspace	Deletes the character immediately to the left of the cursor in a text control.
Right Arrow	Moves the cursor to the right in the text control.
Left Arrow	Moves the cursor to the left in the text control.
Up Arrow	Moves the cursor to the left in the text control.
Down Arrow	Moves the cursor to the right in the text control.
Alt + F4	Closes the screen without saving the changes.
Shift + Enter and Shift + Tab	Moves the cursor from a text control to the previous text control.
Ctrl + C	Copies selected text to Windows Clipboard.
Ctrl + V	Pastes Windows Clipboard contents at the current cursor position.
Ctrl + Home (When viewing the log file).	Moves the cursor to the top of the log data file.
Ctrl + End (When viewing the log file).	Moves the cursor to the bottom of the log data file.
Page Up (When viewing the log file).	Moves the log file up one page at a time.
Page Down (When viewing the log file).	Moves the log file down one page at a time.
? or F1	Displays the Help text.

6. Configuring IPX MAT

This section explains the PBX Alias parameters you may configure using the PBX Administration dialog window. It also lists the default values of NEAX-IPX, the default PBX Alias delivered with the IPX MAT software. Prior to running the IPX MAT, you should either define a new PBX Alias, configure the default PBX to work with your system, or plan to use the NEAX-IPX default Alias. NEAX-IPX is ready for use once the IPX MAT software has been successfully installed. [Table 2-3](#) lists the default values displayed in the PBX Administration dialog box when you select NEAX-IPX as your PBX Alias.

Table 2-3 PBX Administration Default Values

PBX Alias	NEAX-IPX
Connection Type	Serial/Direct
FPC	1
Connect	120000
Response Timeout	120000
Pacing Timer	10000
Link Data Log Path	blank
COM Port	COM 1
Baud Rate	4800
Ignore CTR	blank
Ignore DSR	blank
Modem Name	blank
Phone Number	blank
Host Name	blank
IP Address	172.16.253.0
TCP Port	60000
Inter-App Resource	blank

6.1 Serial/Direct Connection

The following steps explain how to configure the PBX Alias for a serial/direct connection using the recommended default data.

Note 1: *The PBX Alias **cannot** have spaces in the name.*

Note 2: *You can use other data when configuring IPX MAT. However, it is recommended that you use the default data as previously described when configuring a new PBX Alias.*

1. From the PBX menu, select Configuration to open the PBX Administration dialog box.

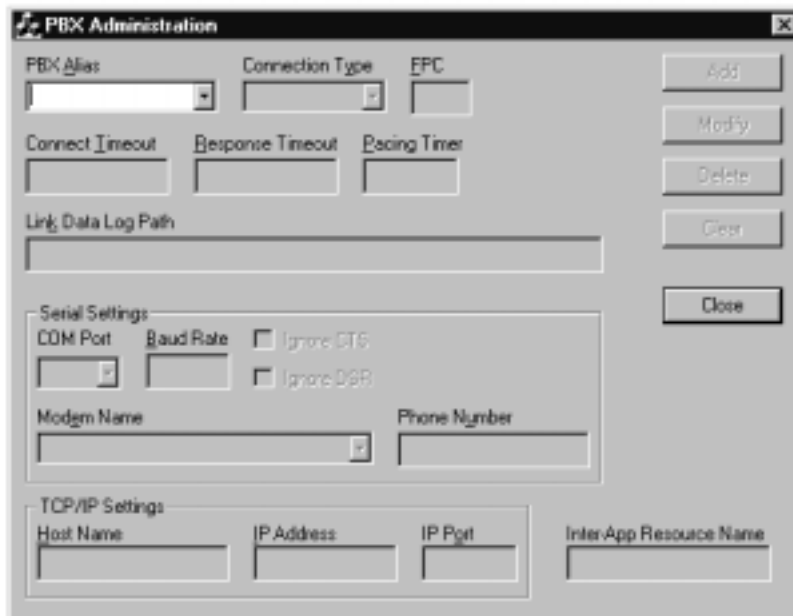


Figure 2-20 PBX Administration

2. Enter a name for the PBX Alias in the PBX Alias box.

Note: You can also define a PBX Alias by selecting the default NEXT-IPX or by modifying any other previously defined Alias from the list in the PBX Alias box. If you select a PBX Alias from the list, its related information displays in the additional fields on this dialog box. You can enter information in the Connect Timeout, Response Timeout, Pacing Timer, and Link Data Log Path fields if necessary. However, the IPX MAT software will run without changing the default data.

3. Select Serial/Direct as the Connection Type.
4. Enter the appropriate FPC (Fusion Link Point Code). 1 is the default value and should be used initially for all new IPX systems. In a Fusion Network, this setting must match the FPC value entered into System Data SYS 1 INDEX 512.
5. Enter 120000 in the Connection Timeout text box.
6. Enter 120000 in the Response Timeout text box.
7. Enter 10000 in the Pacing Timer text box.
8. Clear (Remove) any text from the Link Data Log Path text control.
9. Set COM1 Baud rate to 4800. This is the default PBX value on the initial power up.
10. Leave the Host Name text box blank.
11. Leave the IP Address text box blank.

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12. Leave the IP Port text box blank.
13. Leave the Inter-App Resource text box blank.
14. Click **Add** to write the data.
15. Click **Close**.

Note: *The PBX Administration dialog box changes adapting to EX-FCCS Network. Enter the Fusion Group Number (FUG) which the PBX to be logged-in belongs. “Connection Timeout”, “Response Timeout”, and “Pacing Timer” text box is not provided. Others are the same as previous one. The PBX dialog box is as shown below.*

The screenshot shows the 'PBX Administration' dialog box. It features a title bar with a close button. The main area is divided into several sections: 'PBX Alias' (dropdown menu with 'TCP-IP134'), 'Connection Type' (dropdown menu with 'TCP/IP'), 'FUG' (text box with '3') and 'EPC' (text box with '1'), 'Serial Settings' (containing 'COM Port' and 'Baud Rate' dropdowns, and 'Modem Name' and 'Phone Number' text boxes), and 'TCP/IP Settings' (containing 'Host Name' with 'bsc7200', 'IP Address' with '10.41.207.207', and 'TCP Port' with '60000'). On the right side, there are five buttons: 'Add', 'Modify', 'Delete', 'Clear', and 'Close'.

6.2 TCP/IP Connection

This section explains how to add or modify a PBX Alias in IPX MAT when it is connected to a PBX using a TCP/IP connection through a Local Area Network (LAN).

Procedure Overview

1. Modify or add a PBX Alias.
2. Assign the network information in Windows.
3. Start the PBX system.
4. Log in to IPX MAT.
5. Assign the system data.
6. Set up the IPX MAT file operations for logging purposes.

Note: *If your IPX is to reside on your existing LAN, you will need to obtain an available IP address from your System Administrator before you configure the PBX Alias.*

6.2.1 Modifying or Adding a PBX Alias

Note: *The PBX Alias cannot have spaces in its name.*

The following steps explain how to create a PBX Alias in IPX MAT.

1. From the PBX menu, select Configuration to open the PBX Administration dialog box.
2. Enter a name for the PBX Alias in the PBX Alias box.

Note: *You can also define a PBX Alias by selecting the default NEXT-PBX or by modifying any other previously defined Alias from the list in the PBX Alias box. If you select a PBX Alias from the list, its related information displays in the additional fields on this dialog box. You can enter information in the Connect Timeout, Response Timeout, Pacing Timer, and Link Data Log Path fields if necessary.*

3. Select TCP/IP as the Connection Type.
4. Enter the appropriate FPC (Fusion Link Point Code). 1 is the default value and should be used initially for all new IPX systems. In a Fusion Network, this setting must follow the FPC value entered into System Data SYS 1 INDEX 512.
5. Enter 120000 in the Connection Timeout text box.
6. Enter 120000 in the Response Timeout text box.
7. Enter 10000 in the Pacing Timer text box.
8. Leave the Link Data Log Path text box blank.
9. Enter the name of the host your system is using in the Host Name text box.
10. Enter 172.16.253.0 in the IP Address text box, or enter the IP Address supplied by your network administrator.
11. Enter 60000 in the IP Port text box.
12. Leave the Inter-App Resource text box blank.
13. Click **Add** to write the data.
14. Click **Close**.
15. Exit IPX MAT.

6.2.2 Assigning Network Information in Windows

Before you can run the IPX MAT software, you have to configure your network information in the Windows operating system. For information on configuring network information, see the Network Circuit Card Installation Manual or talk to your network administrator. After configuring the network information, you must restart the PC before you can log in to the IPX via the IPX MAT TCP/IP connection.

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6.2.3 Starting the PBX System

Before you can log in to the PBX with your IPX MAT, you must start the PBX system. To start the PBX system, please see the NEAX2400 IPX Installation Manual.

If you start up the system when the PBX is in DM Clear Restart mode, (the SENSE Switch is set to the default value “1”), you must verify that the IPX MAT baud rate is set to 4800 to ensure that the system runs properly.

6.2.4 Logging in to IPX

After you have defined the PBX Alias in IPX MAT and the TCP/IP network connection in Windows, you are ready to Log in to IPX. The Login operation allows you to select the target IPX (node) with which you are attempting to communicate. Once you log in to IPX, you may assign or delete office data, monitor the status of IPX, obtain System Messages through the IPX’s self-diagnosis function, and monitor the IPX traffic and Peg count data. Once you have completed the tasks you intended to perform, you should log out to prevent accidental changes to the data. The following steps explain how to log in to IPX.

Note: *The maximum number of concurrent connections for the IPX is four.*

1. From the IPX menu, select Log In.
2. Select the PBX you want to connect to by choosing the appropriate PBX Alias from the PBX Alias box.

Note: *When the User ID data is programmed in AUIDN command after the required office data assignment, enter the proper user name and password to login to the NCN (Network Control Node) or each LN (Local Node) in Fusion Network system. For the stand-alone system, User ID information for logging in to the PBX is programmed in AUIDL command. Only the User ID in LDM data is effective in stand-alone system. Refer to the AUIDN or AUIDL command in Chapter 4 for more detail explanations.*

3. Click **Login**.
4. A successful log in displays the successful Login message box.

Note: *If the Login message box does not display, the login process has failed. If the login process fails, you should reopen the PBX Configuration dialog box and verify the PBX Alias configuration information. If the PBX Alias has been correctly configured, you should then test the physical connections to the PBX.*

5. Click **OK** on the Login message box.

6.2.5 Assigning System Data

This section explains how to assign the IP Address and the SubNet Mask using the default IP Address 172.16.253.0 and the default SubNet Mask 00.00.00.00. Both fields must be entered using their hexadecimal equivalents.

Note: *You may find it convenient to use the Calculator in the Windows Accessories to find the hexadecimal equivalent of the IP Address and the SubNet Mask. To convert from decimal to hexadecimal:*

1. *Select Calculator from the Accessories menu.*
2. *From the View menu, select Scientific.*
3. *Verify that Dec is selected.*
4. *Click the first three numbers of the IP Address on the Calculator key pad.*
5. *Select Hex.*
6. *The hexadecimal equivalent of the first three numbers of the IP Address display.*
7. *To perform additional decimal to hexadecimal conversions, make sure that Dec is selected and repeat the previous steps.*

1. Type ASYDL in the Run Command text box.
2. Press Enter.
3. Type 1 in the SYS text box and press Enter.
4. Type 513 in the INDEX text box and press Enter.
5. Type 01H in the DATA text box and press Enter.
6. Type Y in the WRT? text box and press Enter.
7. Type 1 in the SYS text box and press Enter.
8. Type 514 in the INDEX text box and press Enter.
9. Type 01H in the DATA text box and press Enter.
10. Type Y in the WRT? text box and press Enter.

Note: *The following steps explain how to assign the default IP Address.*

11. Type 1 in the SYS text box and press Enter.
12. Type 515 in the INDEX text box and press Enter.
13. Type AC (hexadecimal equivalent of 172) in the DATA text box and press Enter.
14. Type Y in the WRT? text box and press Enter.
15. Type 1 in the SYS text box and press Enter.

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16. Type 516 in the INDEX text box and press Enter.
17. Type 10 (hexadecimal equivalent of 16) in the DATA text box and press Enter.
18. Type Y in the WRT? text box and press Enter.
19. Type 1 in the SYS text box and press Enter.
20. Type 517 in the INDEX text box and press Enter.
21. Type FD (hexadecimal equivalent of 253) in the DATA text box and press Enter.
22. Type Y in the WRT? text box and press Enter.
23. Type 1 in the SYS text box and press Enter.
24. Type 518 in the INDEX text box and press Enter.
25. Type 0 (hexadecimal equivalent of 0) in the DATA text box and press Enter.
26. Type Y in the WRT? text box and press Enter.

Note: *The following steps explain how to assign the default SubNet Mask.*

27. Type 1 in the SYS text box and press Enter.
28. Type 519 in the INDEX text box and press Enter.
29. Type FF in the DATA text box and press Enter.
30. Type Y in the WRT? text box and press Enter.
31. Type 1 in the SYS text box and press Enter.
32. Type 520 in the INDEX text box and press Enter.
33. Type FF in the DATA text box and press Enter.
34. Type Y in the WRT? text box and press Enter.
35. Type 1 in the SYS text box and press Enter.
36. Type 521 in the INDEX text box and press Enter.
37. Type 00 in the DATA text box and press Enter.
38. Type Y in the WRT? text box and press Enter.
39. Type 1 in the SYS text box and press Enter.
40. Type 522 in the INDEX text box and press Enter.
41. Type 00 in the DATA text box and press Enter.
42. Type Y in the WRT? text box and press Enter.

6.2.6 IPX MAT File Operations

The IPX MAT creates three types of files; Command Log files, Office Data Backup files, and List-up Command Report data tables. Command Log files and List-up Command Report data tables are the only files a user needs to view. The Office Data Backup files are used strictly for saving and storing the PBX Office Data.

6.2.6.1 Office Data Backup

It is always a good idea to routinely backup the data from the IPX memory to its internal hard disk. This data should then be saved from the IPX internal hard disk to the IPX MAT hard disk to ensure that no data is lost.

Once the data has been saved from the IPX internal hard disk to the IPX MAT's hard disk, you can use standard operating functions to copy the saved data to floppy disks, zip drive disks, writable CD-ROM drives, or any other type of external storage devices supported by the operating system. Doing a three phase backup (save) ensures the IPX Office data is safe and always available for restoration in case of an IPX data memory loss, hard disk failure, or any other IPX-related catastrophic failure that requires data memory to be reloaded.

MEM_HDD and HDD_MAT are the two commands used for this three-phase backup. Once the data is saved to the IPX MAT, you can use Explorer to copy the appropriate files to the external mass storage device. To use Explorer, you must first determine where the IPX MAT copy of the numerous IPX Office Data backup files resides.

As an example, assume the default drive and directory C:\IMXMAT were used when IPX MAT was installed. Also assume that a PBX Alias was configured using the PBX Configuration dialog and assigned the PBX Alias name MY_PBX.

The IPX MAT always uses the same data directory structure when backing up data from the IPX. It creates a sub-directory under the IPX MAT home directory called DATA. Under the DATA directory another sub-directory using the PBX Alias name is created. In our example, this sub-directory is named MY_PBX. Under the PBX Alias directory, another sub-directory is created. The name of this directory is BACKUP. This directory structure always holds true. The only variables are the name of the IPX MAT home directory (default C:\IMXMAT) and the PBX Alias directory (in our example, MY_PBX). The complete directory structure for our example is as follows: C:\IMXMAT\DATA\MY_PBX\BACKUP. The bottom sub-directory (BACKUP) contains all files that have been backed up from the IPX using the HDD_MAT command.

To save these files to an external storage device, open Explorer, navigate to the appropriate backup directory (C:\IMXMAT\DATA\MY_PBX\BACKUP) and select ALL files and/or sub-directories and copy them to your external device. You now have a safe backup of your IPX data memory that can be stored at an offsite location.

ASSIGNMENT

6.2.6.2 MEM_HDD

The following steps explain how to perform the backup and restore of PBX data to the PBX hard drive.

1. Enter MEM_HDD in the Run Command field on the IPX MAT main menu.
2. Press Enter.
3. The Backup and Restore dialog box displays.
4. Select Memory to Hard Disk in the Direction Select list.
5. Select Data Memory in the Data Type Selection list.
6. Select Auto Verify if you want to verify the data. This is an optional step.
7. Click **Start**.

Once you have made the appropriate selections and clicked Start, you can scroll down and view the data being saved in the Processing Status Log window. This section of the window is divided into the sections Action/Information, Direction, Data Type, and Time Stamp. The Action/Information column shows the Action being taken (saving or restoring), or the Information being saved. The Direction column shows where the data is being saved or restored (in this case, memory to PBX Hard Disk). The Data Type column shows the type of data you selected in the Data Type Selection list. The Time Stamp column shows the day, month, year, hour, minute, and second the data was backed up or restored.

6.2.6.3 HDD_MAT

The following steps explain how to backup and restore PBX data to the IPX MAT hard disk.

1. Enter HDD_MAT in the Run Command field on the IPX MAT main menu.
2. Press Enter.
3. The Backup and Restore dialog box displays.
4. Select PBX Hard Disk to MAT in the Direction Select list.
5. Select Data Memory in the Data Type Selection list.
6. Select Auto Verify if you want to verify the data. This is an optional step.
7. Click **Start**.

Once you have made the appropriate selections and clicked Start, you can scroll down and view the data being saved in the Processing Status Log window. This section of the window is divided into the sections Action/Information, Direction, Data Type, and Time Stamp. The Action/Information column shows the Action being taken (saving or restoring), or the Information being saved. The Direction column shows where the data is being saved or restored (in this case PBX Hard Disk to IPX MAT). The Data Type column shows the type of data you selected in the Data Type Selection list. The Time Stamp column shows the day, month, year, hour, minute, and second the data was backed up or restored.

6.2.6.4 List-up Command Report Data Tables

These data files are tables assembled into an MS-Access Database format. The List-up commands create the database and tables, populating them based on the information specified by the user. After the database and tables are created, the report that automatically finds the correct data table and presents the stored data in a format suitable for viewing is launched. These data tables are cleared and repopulated each time the corresponding List-up command is run. These data tables require no user intervention.

6.2.6.5 Command Log Files

These files are simple text files that capture the results of the operations performed by every IPX MAT command. These log files are functionally equivalent to the printed output log created by the old MS-DOS MAT. The only difference is that these text files can easily be viewed from within any IPX MAT command at any time so it is not necessary to have a printer available. These log files are also easy to print if a printer is available.

The log file maintains a history trail of operations and actions requested by the user. This log file continues to grow as each command is run and interactions with the IPX PBX are transacted. It doesn't matter whether the operation is a query, a change, a create, or a delete, the operation, its data, and its status will always be logged (added to this log file).

The log file can be viewed any time by selecting it from the command's view menu selection. Once the log file viewing window is opened, the log file can be printed by selecting the print option from its File menu selection. Pressing the CTRL+END key combination will quickly take you to the end of the file where the latest changes have been appended.

Since the log file continually grows, you should regularly delete this file to conserve disk space. It also makes the file much more manageable and useful if it is not full of log entries that are no longer of interest. To delete and otherwise manage this file, the IPX MAT main menu contains menu selections that will present a log file maintenance dialog. From here, the log file can be easily deleted.

6.2.6.6 Viewing the Log Data File

To view the log data file:

1. Display the Backup and Restore dialog box.
2. Select Operation Log from the View menu.
3. The log file FileViewer window displays.

ASSIGNMENT

6.2.6.7 Printing the Log Data File

To print the log data file:

1. Display the log file in the FileViewer window.
2. Select Print from the File menu.

6.2.6.8 Copying Data from the Log File

To copy data from the log file:

1. Display the log file in the FileViewer window.
2. Highlight the data you want to copy.
3. Select Copy from the Edit menu.

6.2.6.9 Pasting Log File Data

To paste log file data into another text editing tool:

1. Open the text editing tool you want to paste the data into.
2. Select paste from the Edit menu.

Note: *You cannot paste copied data from one location to another in the log file. The log file is a Read-Only file.*

7. Data Assignment Flow Chart

This section shows the data assignment flow chart for IPX. The standard data assignment is illustrated on the following flow charts.

- Local Node/Stand Alone
- Network Control Node

Note: *For Hotel Command, see the NEAX2400 IPX Hotel Data Specification.*

7.1 Local Node/Stand Alone

The following flow chart shows the data assignment for MAT when operated in a Local Node/Stand Alone environment.

1. Local Node/Stand Alone

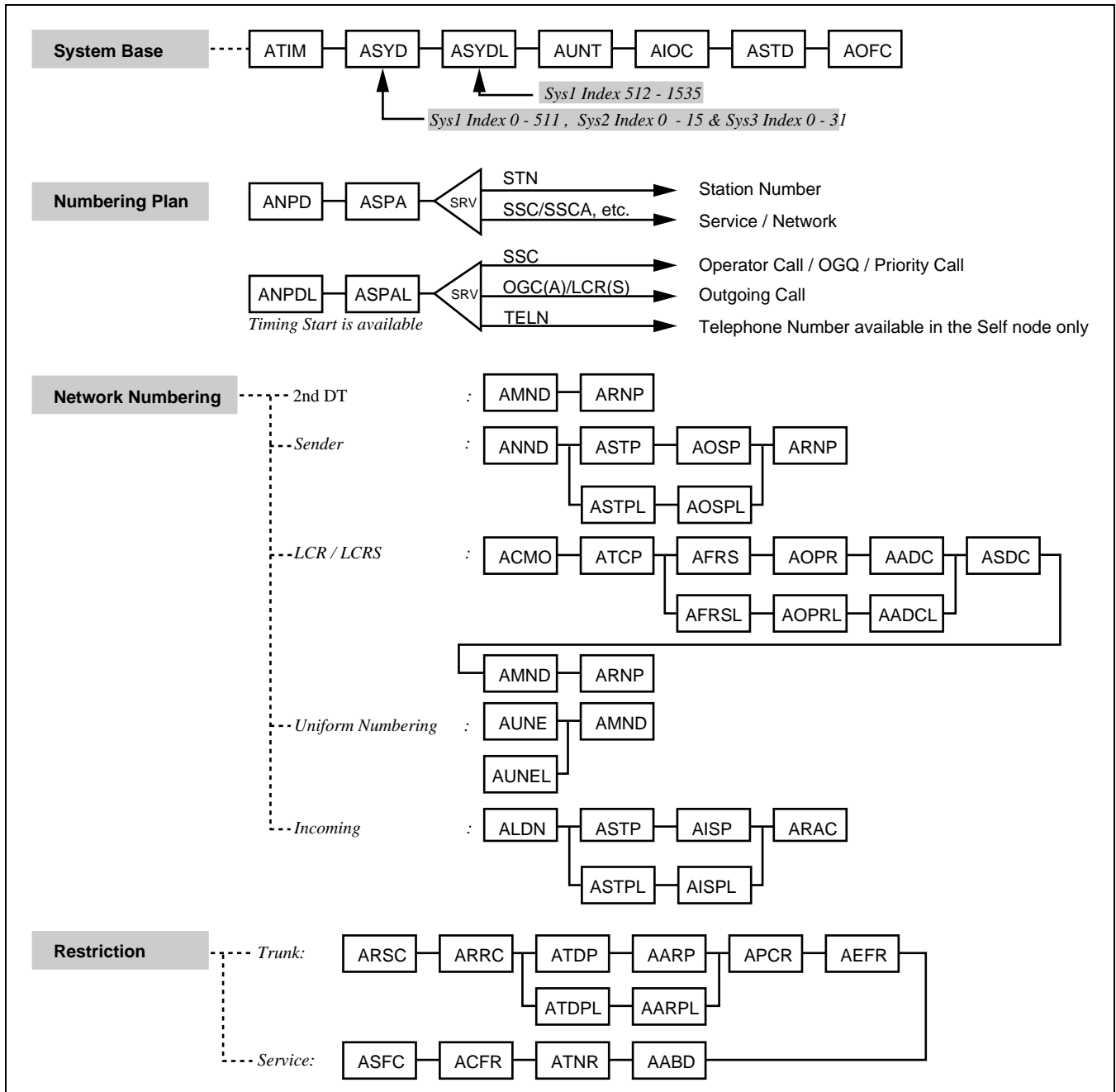


Figure 2-21 Local Node/Stand Alone Data Flow Assignment Flow Chart (1/2)

ASSIGNMENT

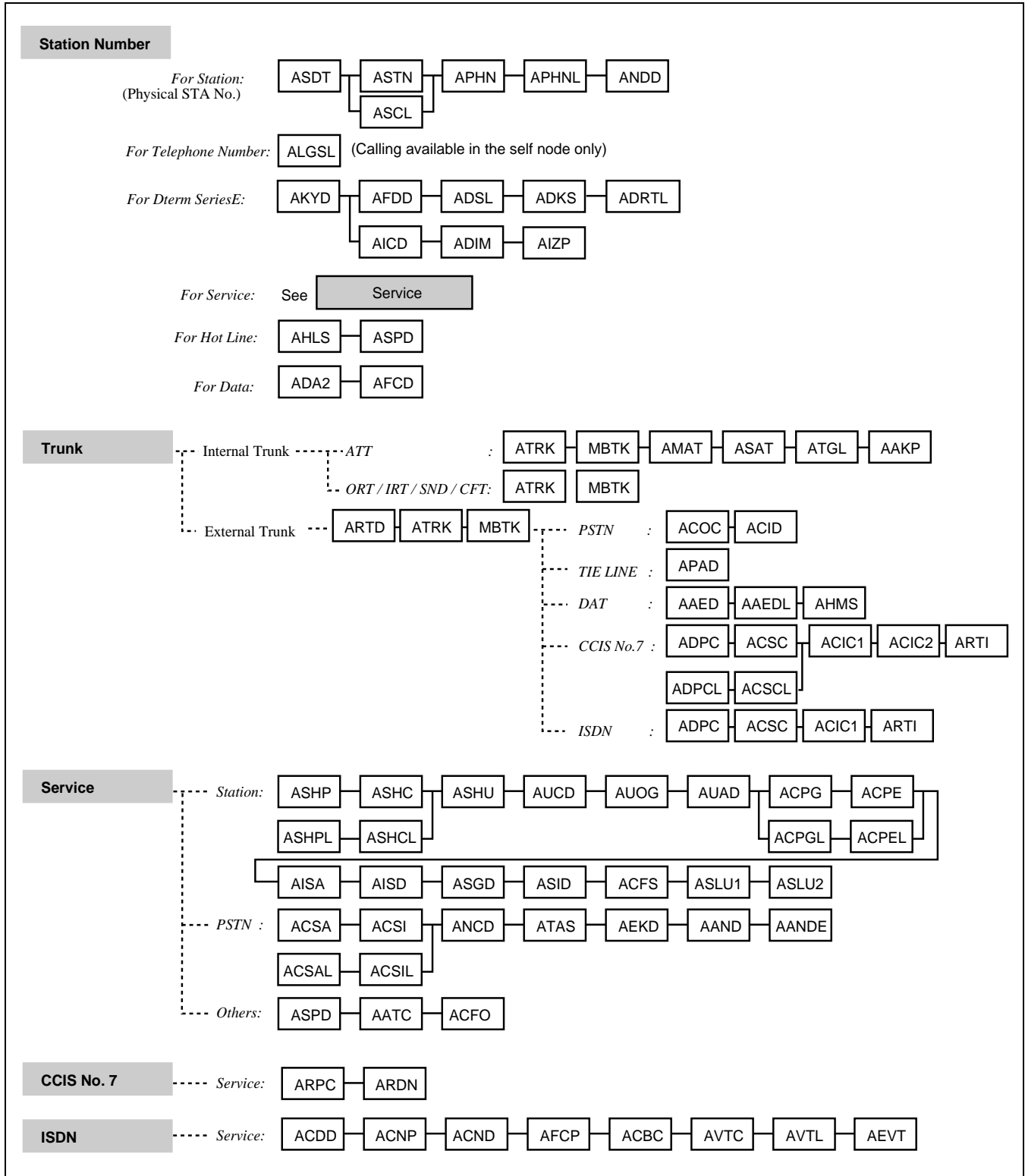


Figure 2-21 Local Node/Stand Alone Data Assignment Flow Chart (2/2)

2. Network Control Node

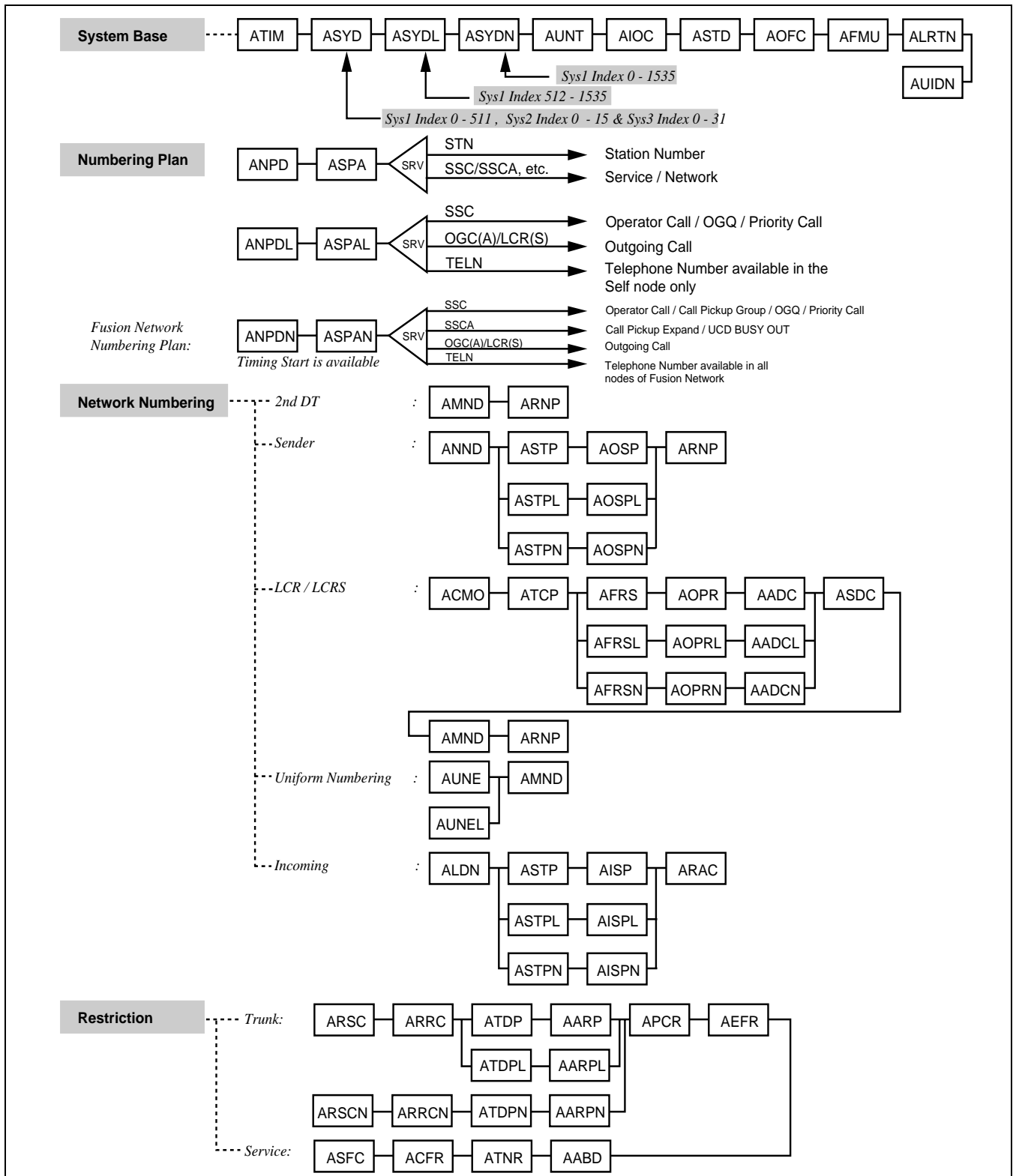


Figure 2-22 Network Control Node Data Assignment Flow Chart (1/2)

ASSIGNMENT

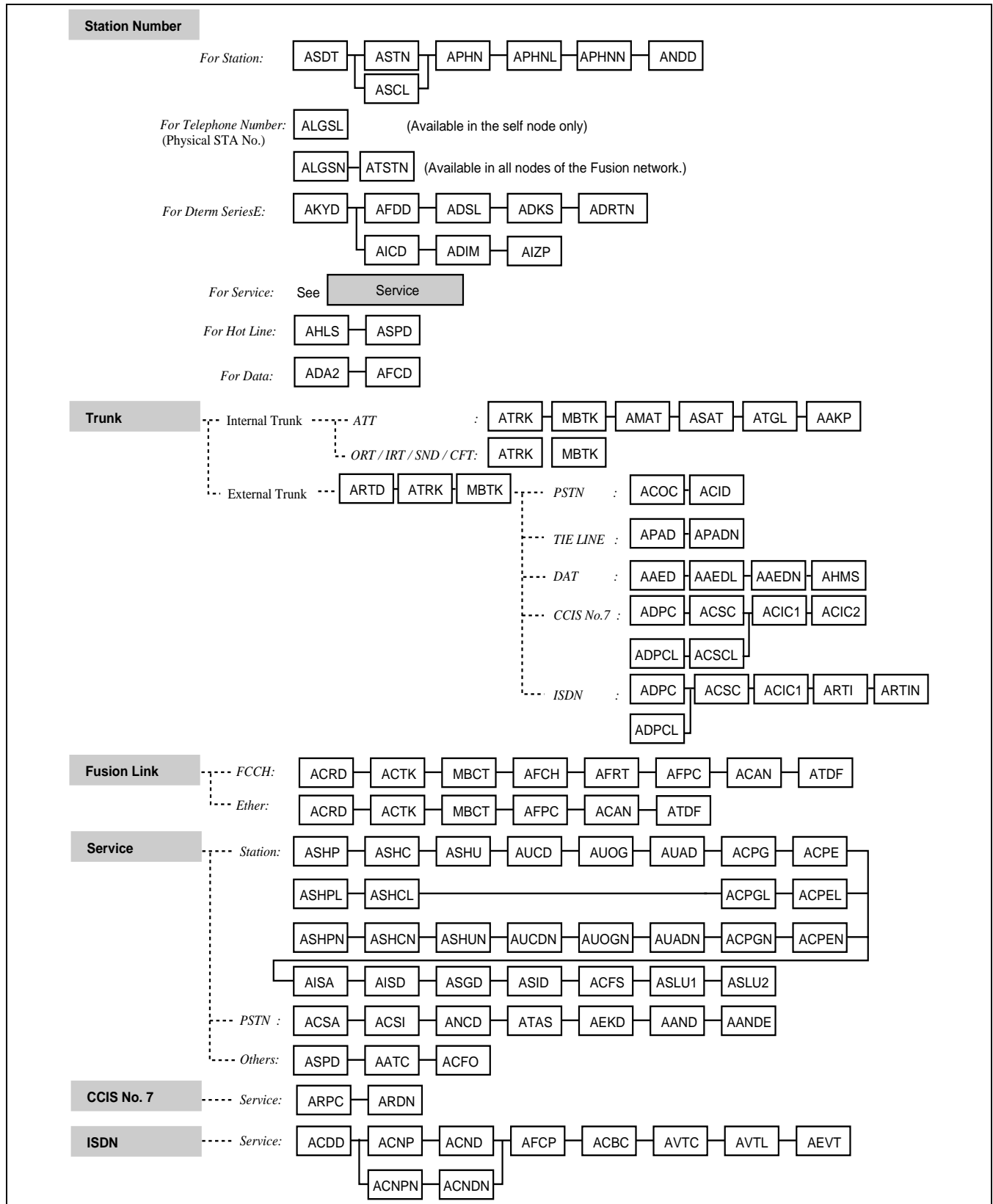


Figure 2-22 Network Control Data Assignment Flow Chart (2/2)

CHAPTER 3 OFFICE DATA DESIGN SHEET

Office data design sheets are used to design the configuration and specification of IPX.

1. Trunking Diagram

The Trunking diagram shows the system configuration and the number of lines.

2. Bay Face Layout

The Bay Face layout shows the circuit card mounting slots.

3. Port Location Table

A Port Location table denotes the Line/Trunk circuit cards located in each Universal Slot of PIM.

4. Numbering Plan Table

Area Codes for various service features are determined according to the Dial Access Numbering Plan. There are three types of Dial Access Numbers.

- Station Access Numbers
- Special Service Access Numbers
- Trunk Access Numbers

5. Restriction Tables

1. Service Feature Restriction Class
2. Trunk Restriction Class Table
3. Tenant Restriction Tables

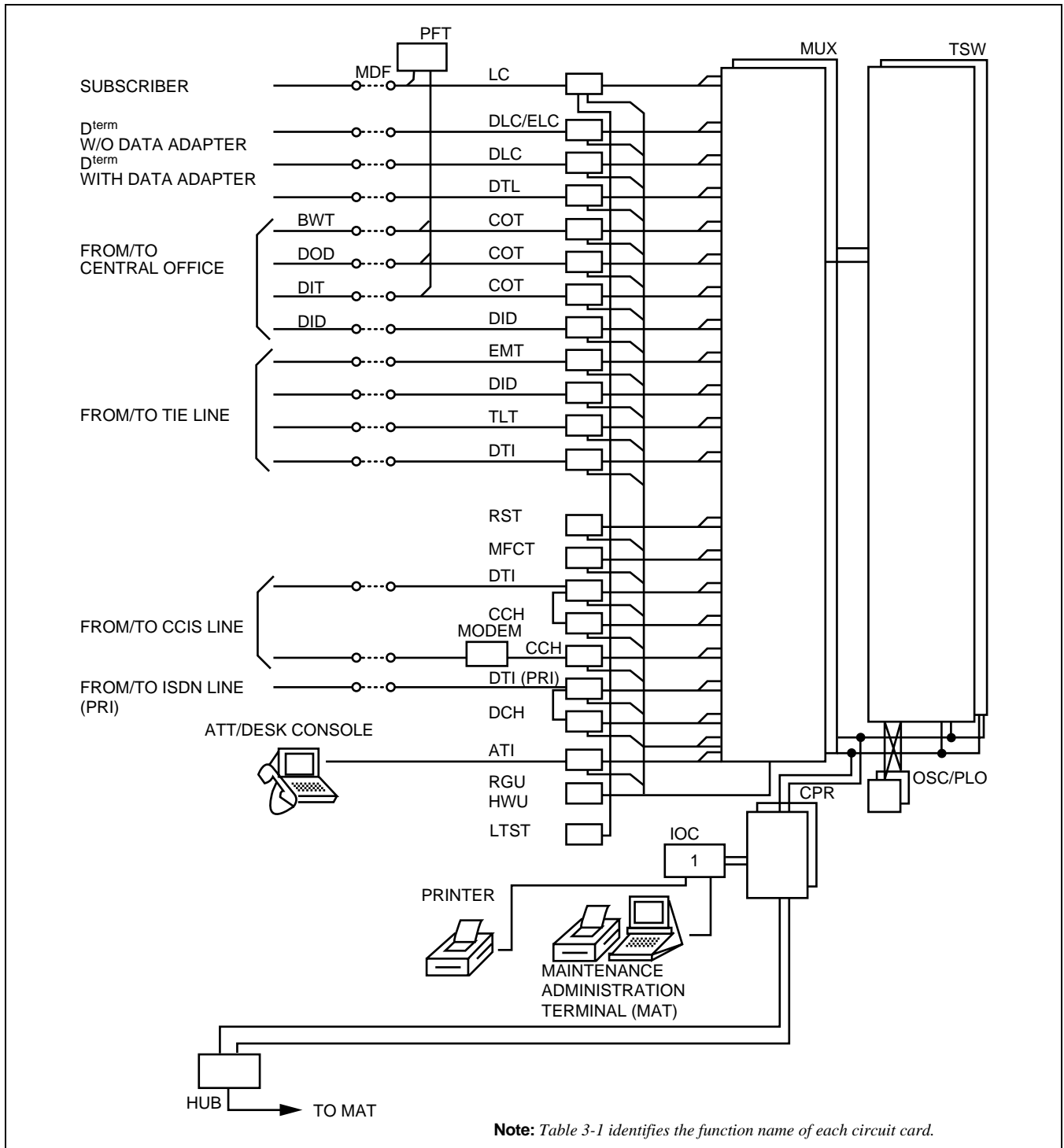


Figure 3-1 Trunking Diagram

Table 3-1 identifies the function name of each circuit card used for the system.

Table 3-1 Circuit Card Function Name

SYMBOL	DESCRIPTION
ATI	Attendant Console Interface
BWT	Bothway Trunk
CCH	Common Channel Handler
CFT	Conference Trunk
COT	Central Office Trunk
CPR	Central Processing Rack
DCH	D Channel Handler
DID	Direct Inward Dialing
DIT	Direct-In Termination
DLC	Digital Line Circuit
DOD	Direct Outward Dialing
D ^{term}	Digital Multi-Function Telephone
DTI	Digital Interface
DTL	Data Terminal Line Circuit
ELC	Electronic Line Circuit
EMT	Equipment & Maintenance Trunk
HWU	Howler Tone Unit
IOC	Input/Output Controller
LC	Line Circuit
LTST	Line Test
MDF	Main Distribution Frame
MFCT	Multi-frequency Trunk
MUX	Multiplexer
ODT	Office Data Trunk
OSC	Oscillator for 1-IMG
PFT	Power Failure Transfer
PLO	Phase Lock Oscillator for 4-IMG/IPX-U
RGU	Ringing Generator Unit
RST	Register Sender Trunk
TLT	Tie Line Trunk
TSW	Time Switch

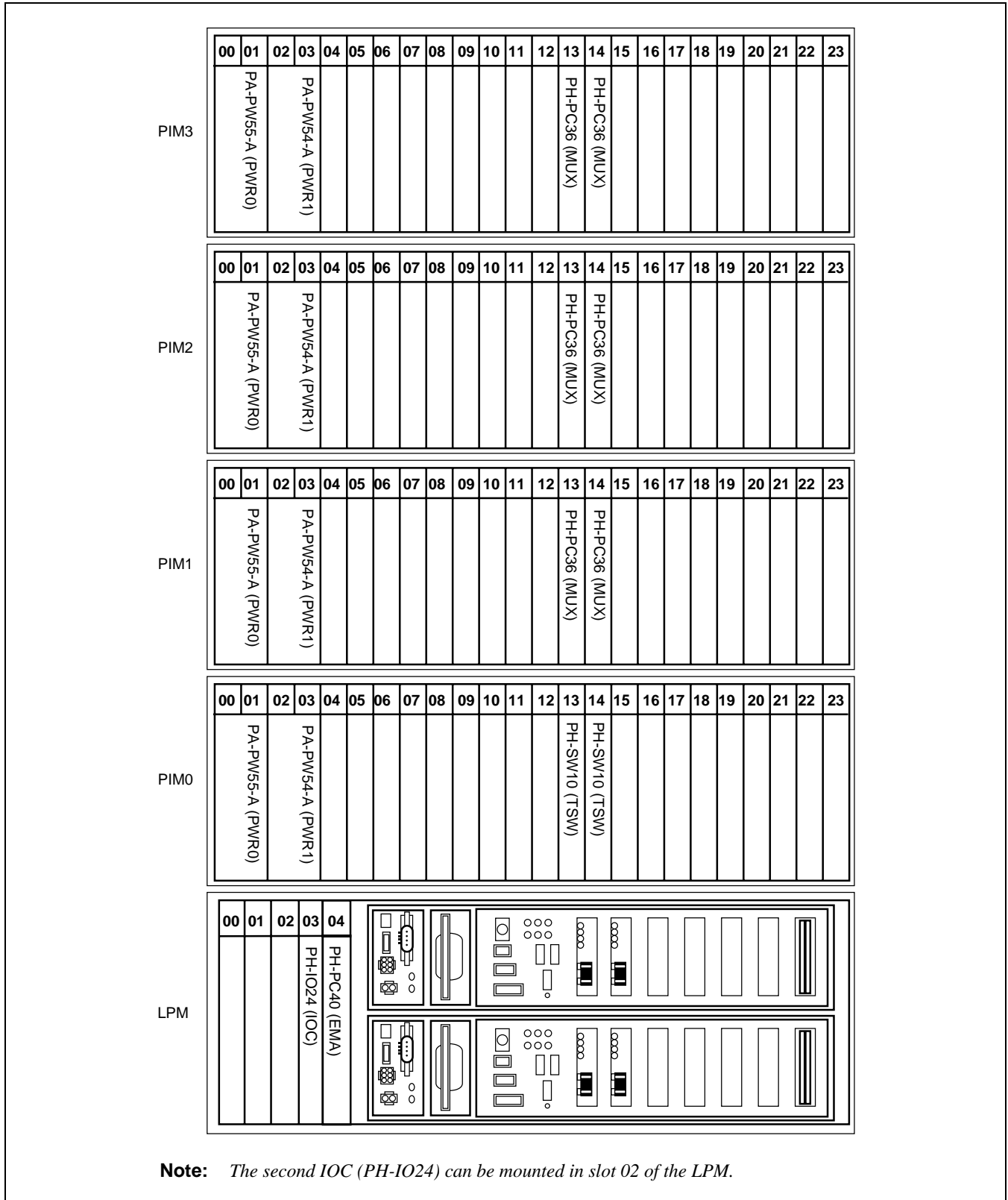


Figure 3-2 Card Mounting Slot

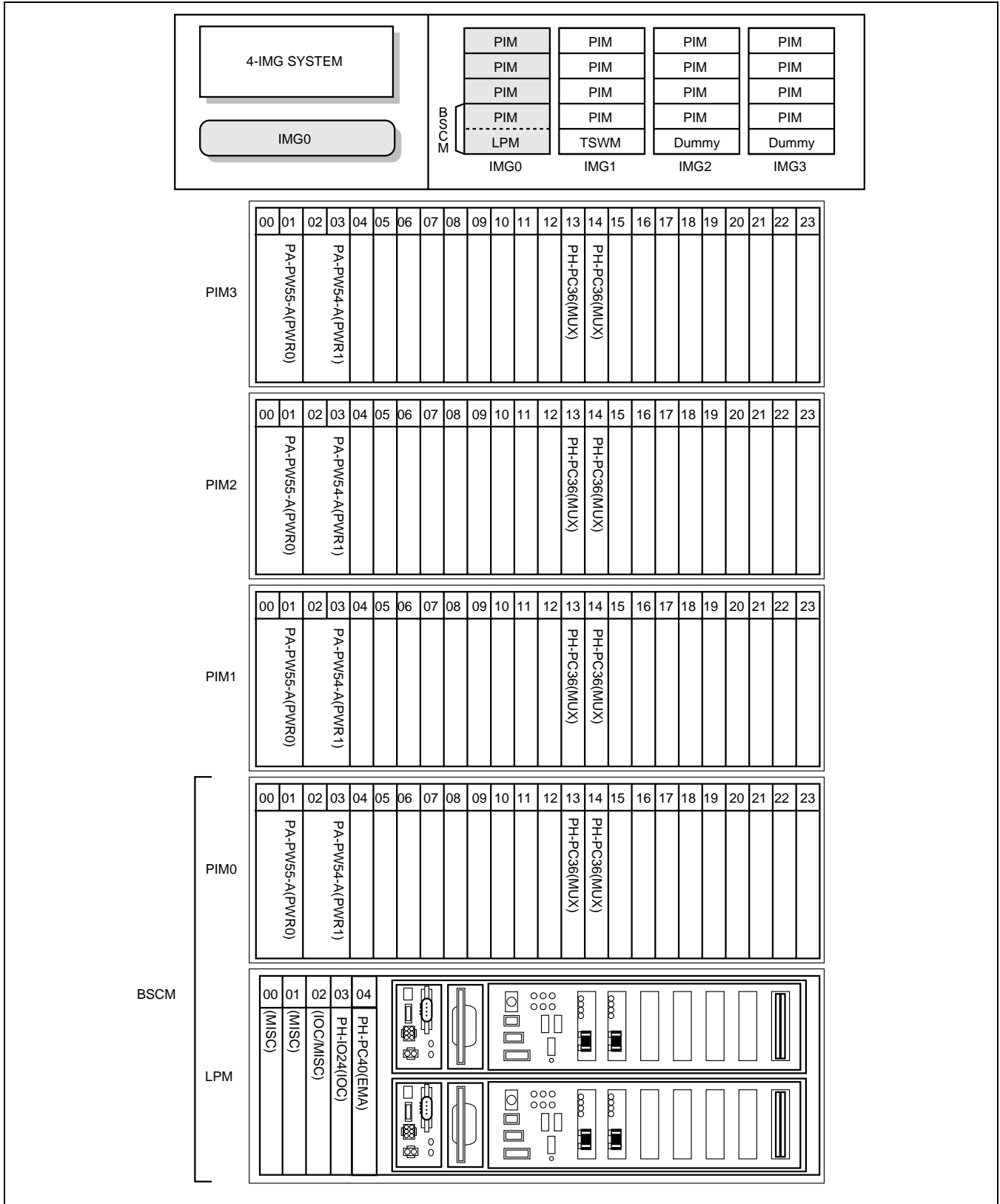


Figure 3-3 Card Mounting Slot for 4-IMG System (1/4)

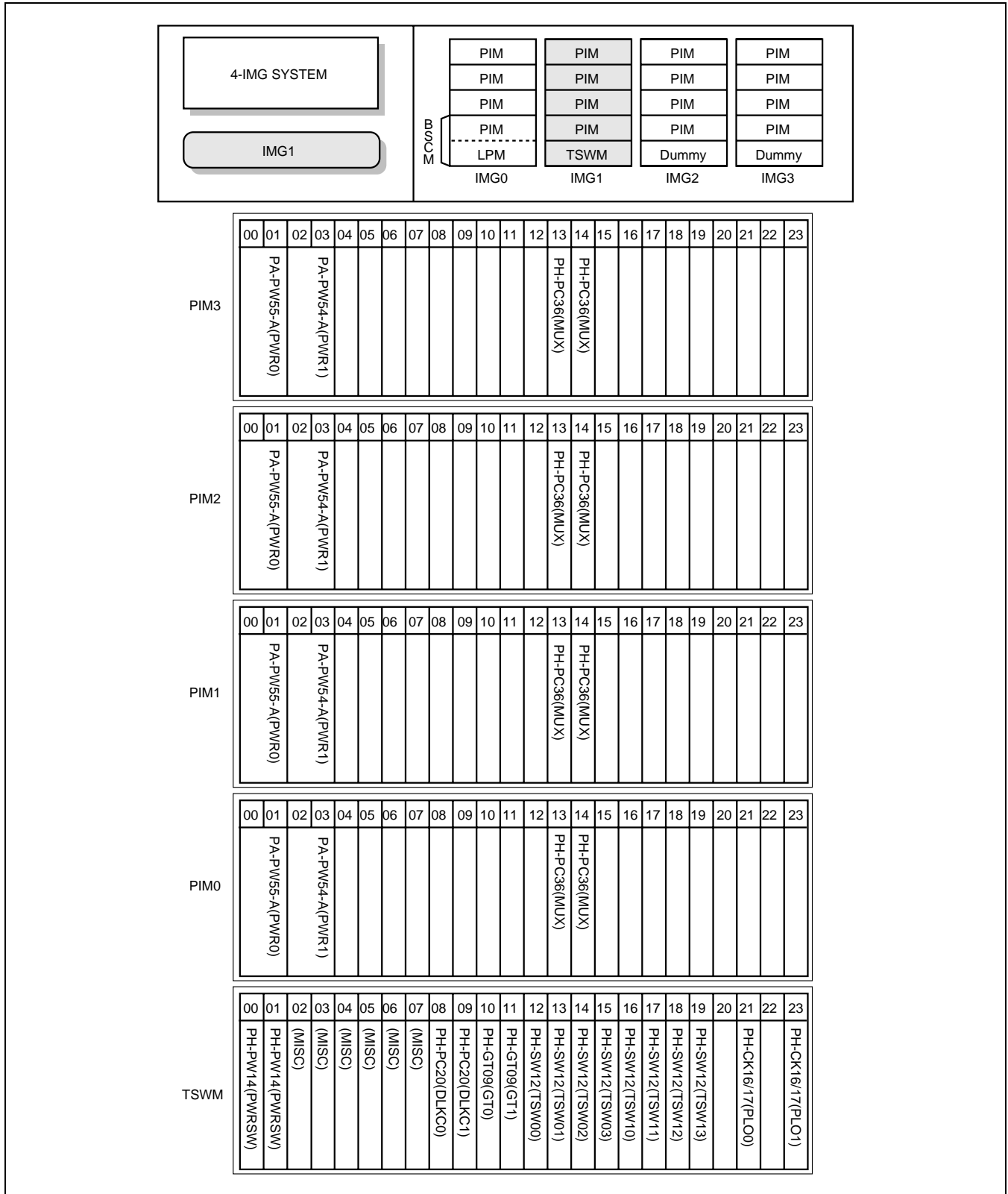


Figure 3-3 Card Mounting Slot for 4-IMG System (2/4)

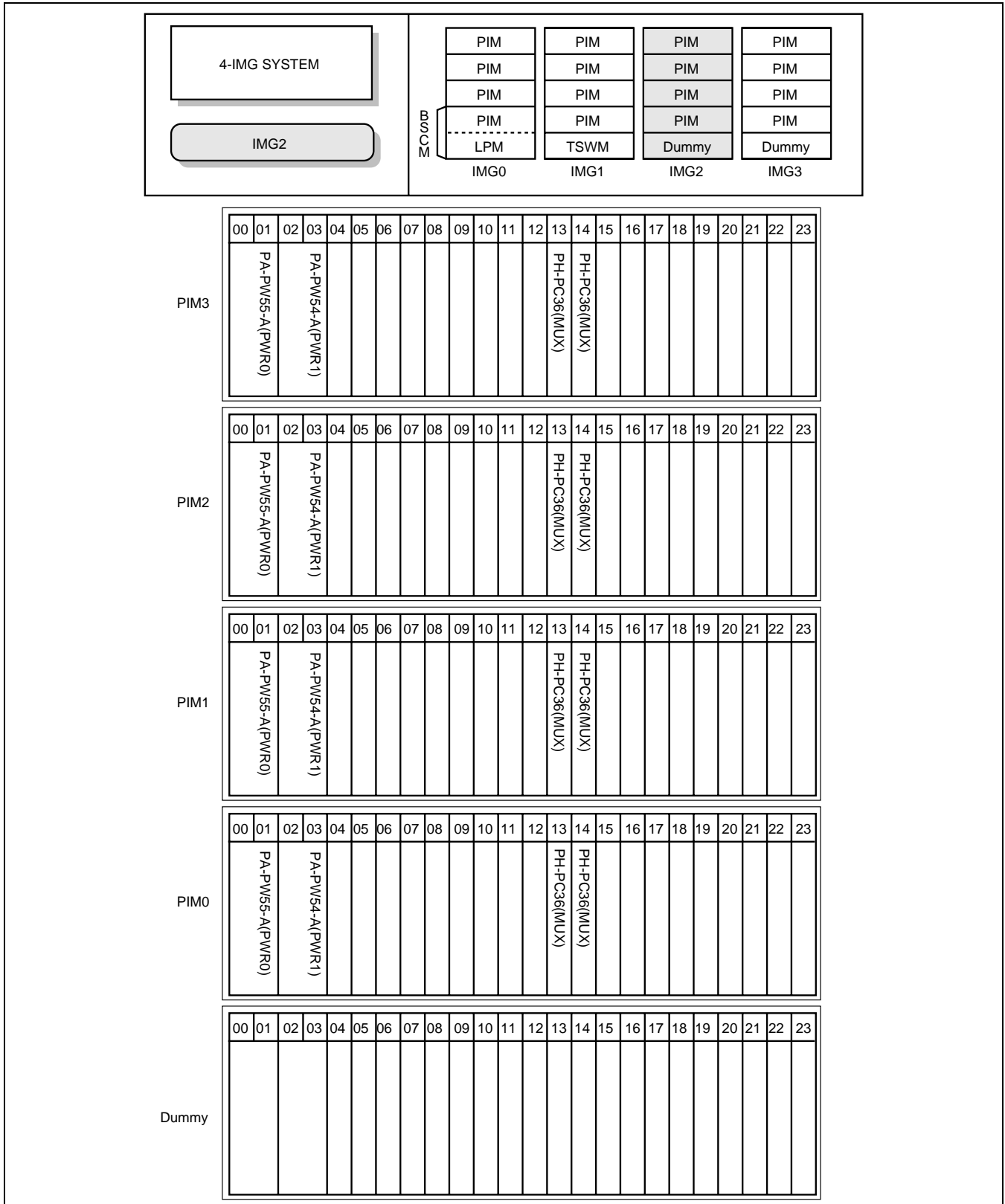


Figure 3-3 Card Mounting Slot for 4-IMG System (3/4)

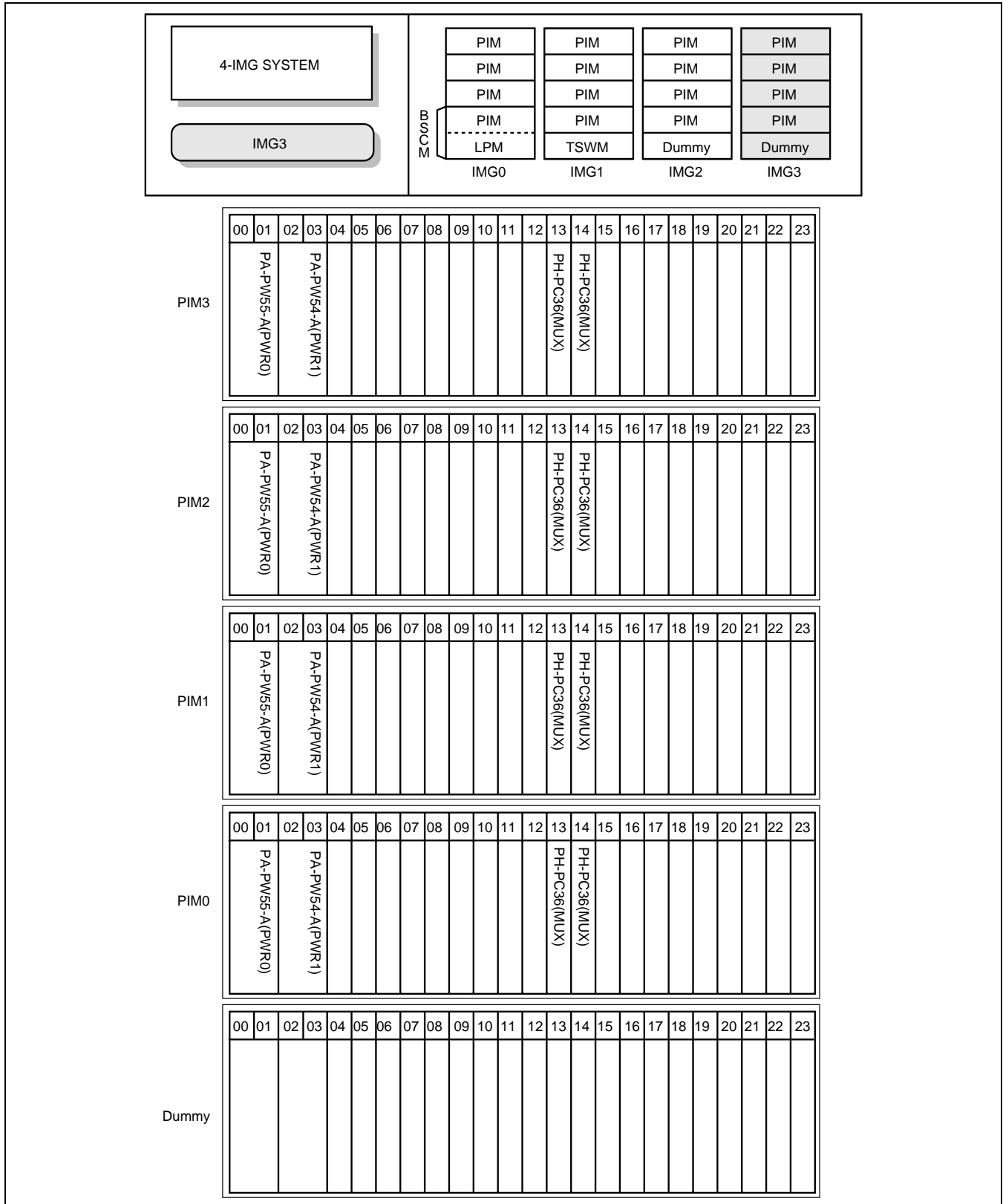
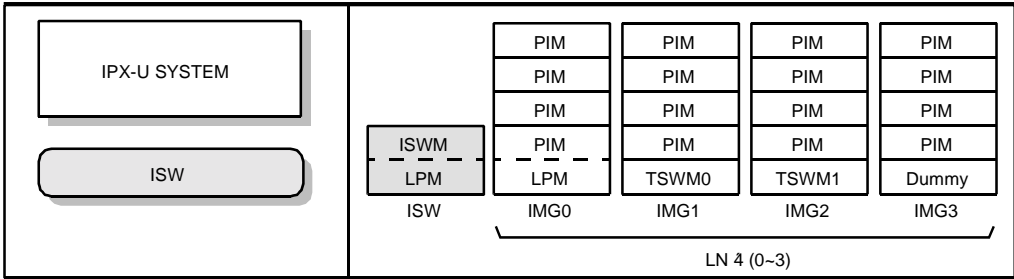


Figure 3-3 Card Mounting Slot for 4-IMG System (4/4)



		ISW																					
TOPU		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19		
ISWM		PWR0 (PH-PW14)	PWR1 (PH-PW14)	HSW00 (PU-SW01)(RES)	HSW01 (PU-SW01)	TSW00 (PU-SW00)	TSW01 (PU-SW00)	TSW02 (PU-SW00)	TSW03 (PU-SW00)	PLO0 (PH-CK16-A17-A)	IOGT0 (PH-GT10)	IOGT1 (PH-GT10)	PLO1 (PH-CK16-A17-A)	TSW10 (PU-SW00)	TSW11 (PU-SW00)	TSW12 (PU-SW00)	TSW13 (PU-SW00)	HSW10 (PU-SW01)	HSW11 (PU-SW01)(RES)				
	LPM	MMC(PH-M22)		Note 1	IOC(PH-IO24)	EMA(PH-PC40)	PWR		HFD		DSP		LANI(PZ-PC19)	LANI(PZ-PC19)	PWR(PZ-PW106)	LANI(PZ-PC19)	LANI(PZ-PC19)	LANI(PZ-PC19)	LANI(PZ-PC19)	LANI(PZ-PC19)	LANI(PZ-PC19)	LANI(PZ-PC19)	
BASEU																							

The 2nd IOC card (optional) may be mounted in the slot.

This system accommodates four LNs at the maximum.

Figure 3-4 Card Mounting Slot for IPX-U System (1/5)

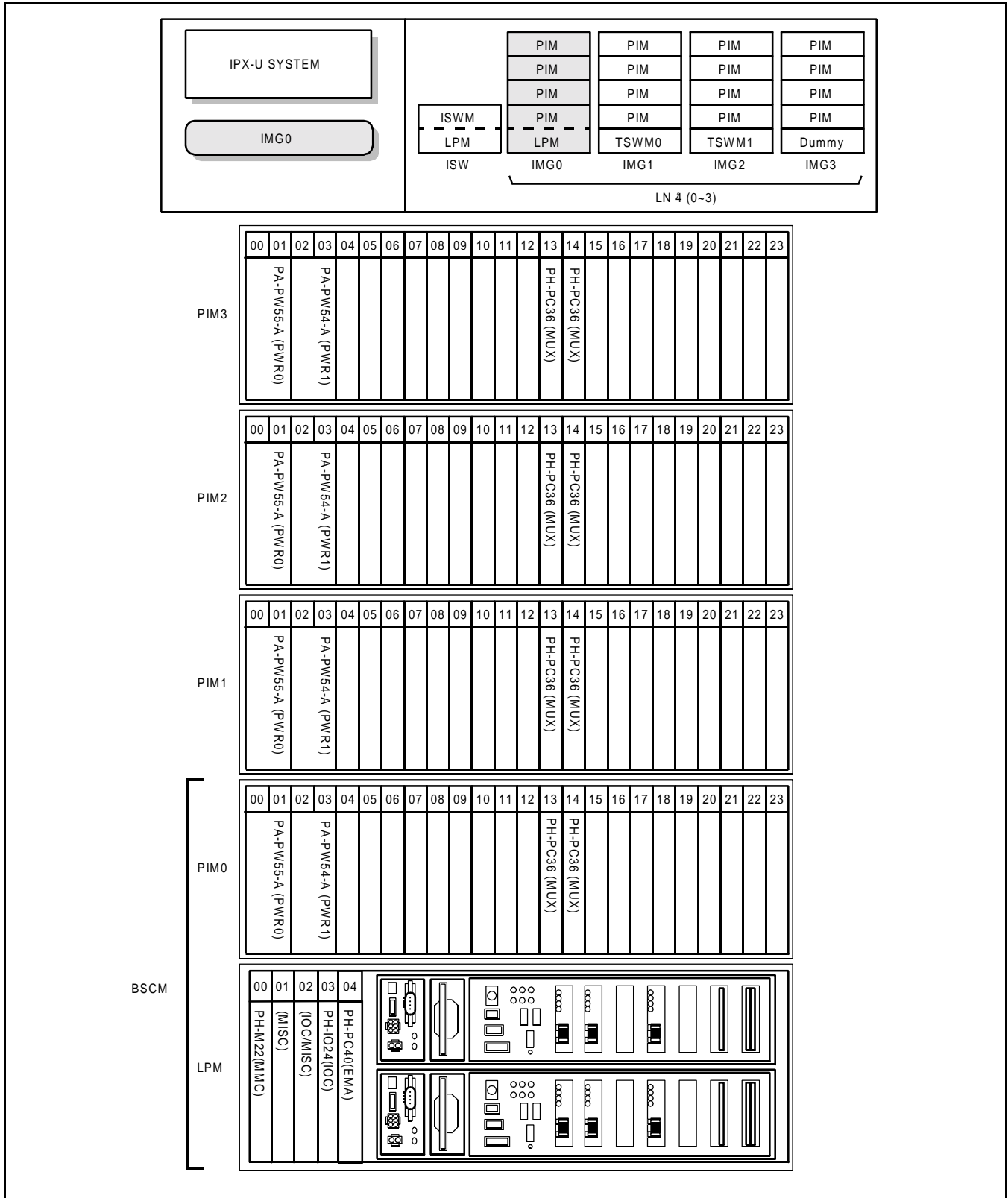


Figure 3-4 Card Mounting Slot for IPX-U System (2/5)

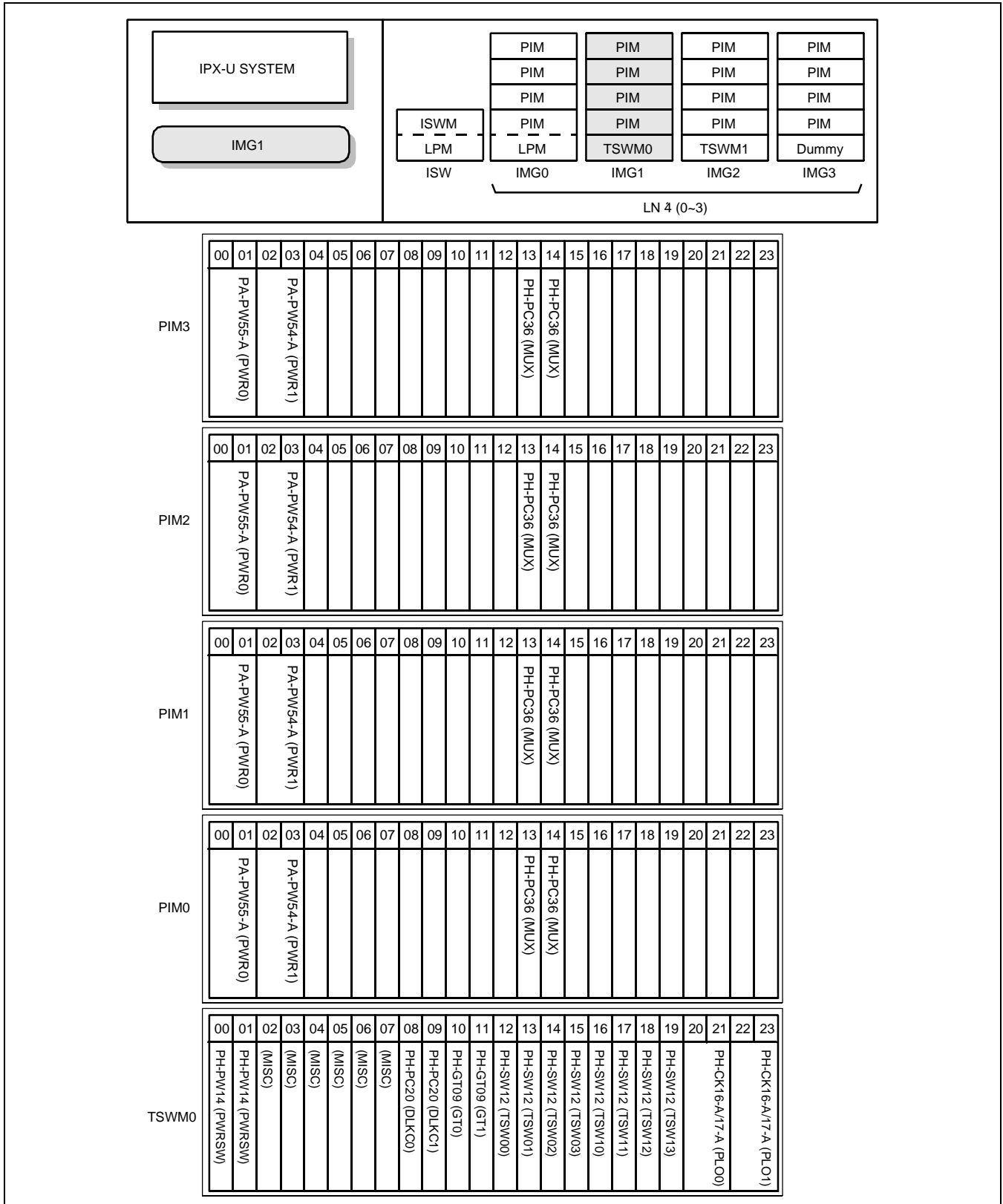


Figure 3-4 Card Mounting Slot for IPX-U System (3/5)

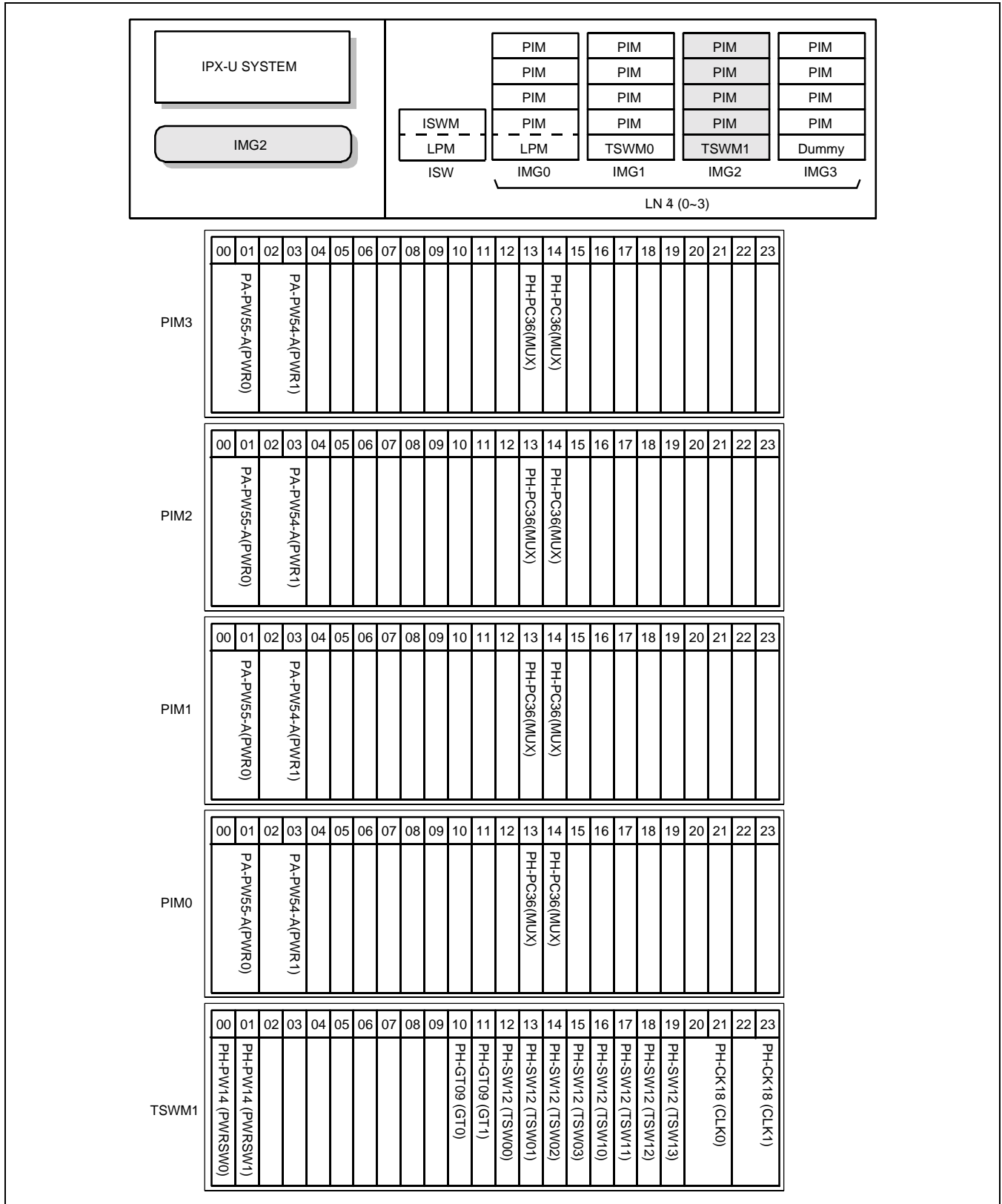


Figure 3-4 Card Mounting Slot for IPX-U System (4/5)

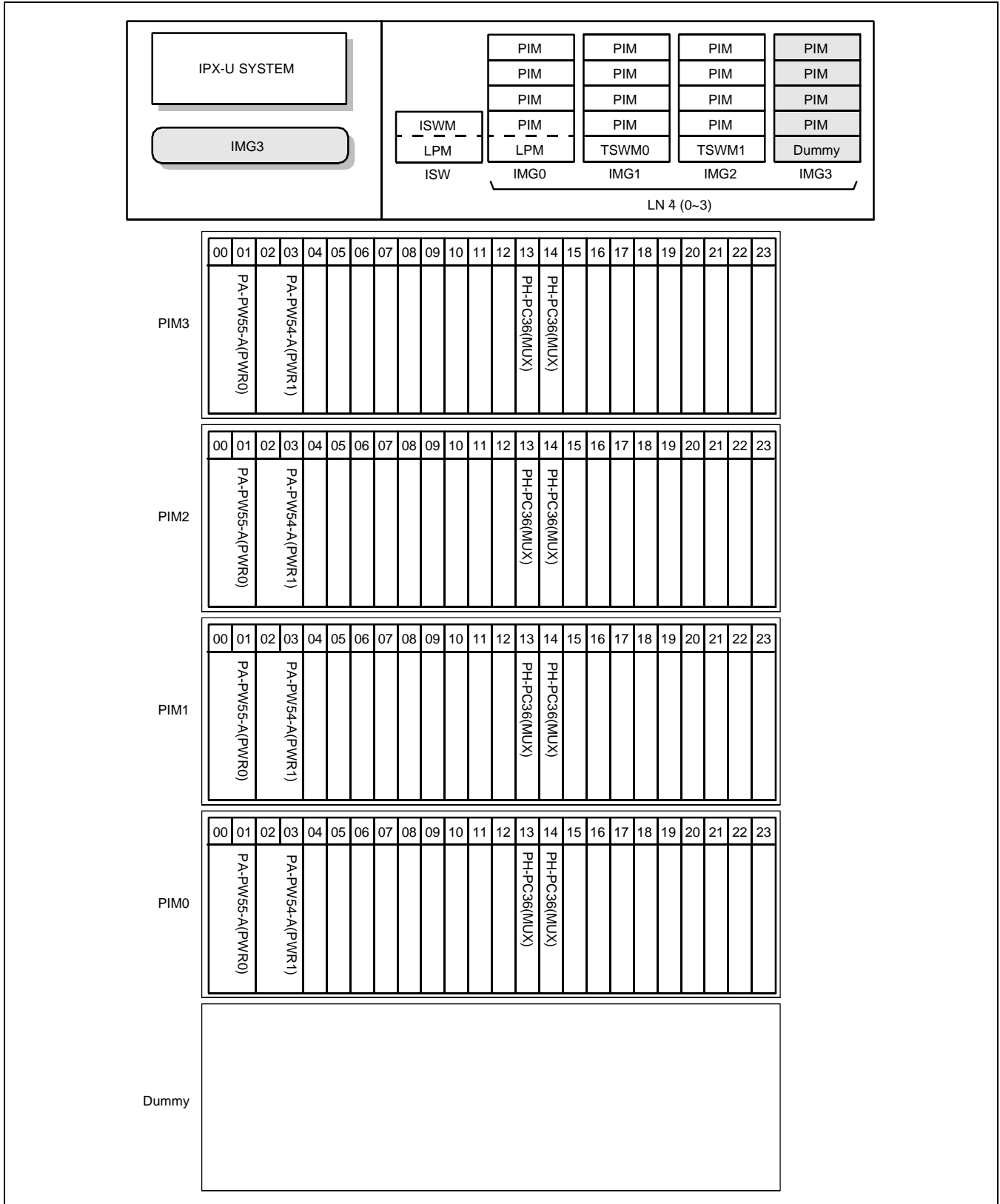


Figure 3-4 Card Mounting Slot for IPX-U System (5/5)

OFFICE DATA DESIGN SHEET

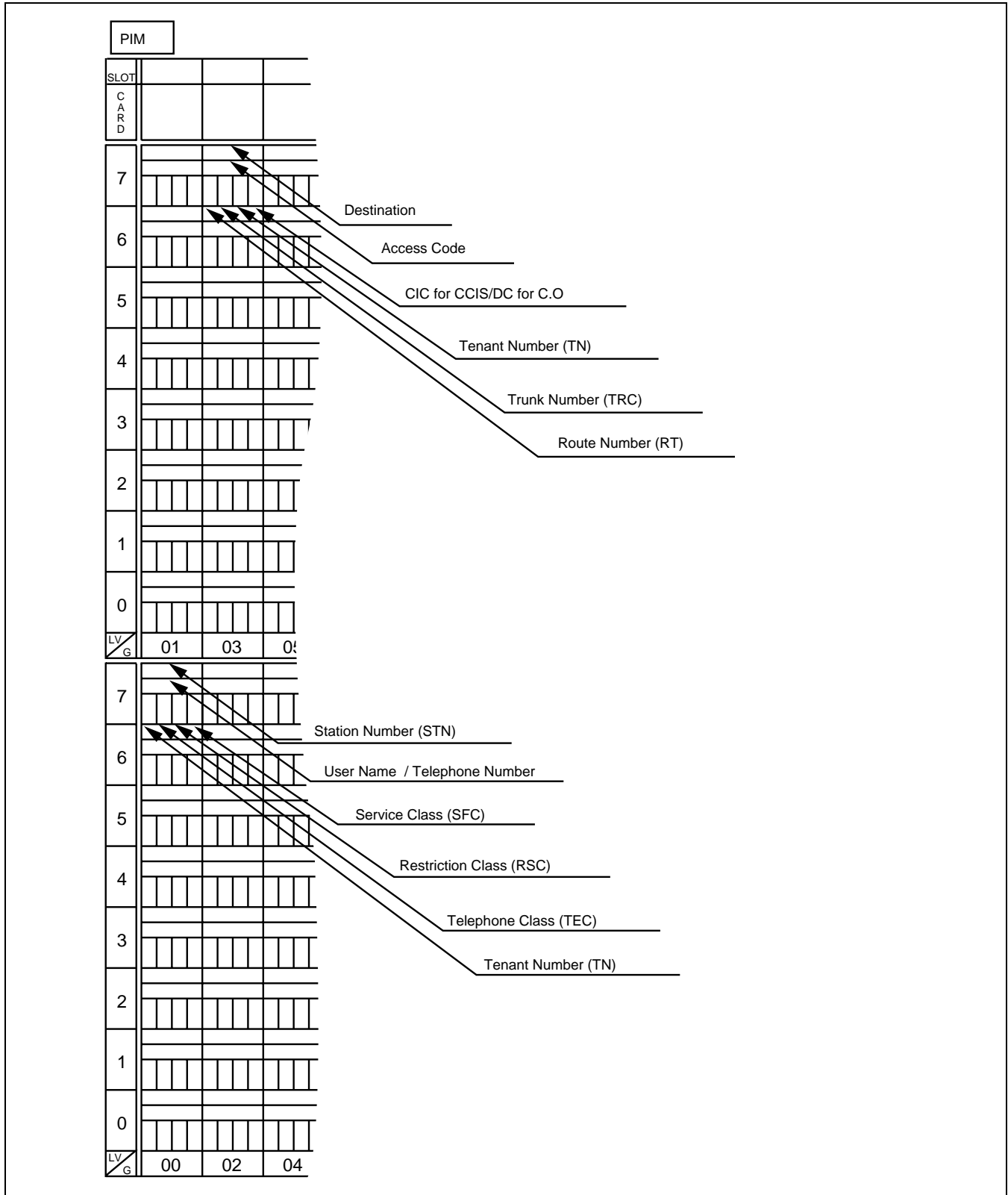


Figure 3-5 Port Location Table (1/2)

PIM		MG = 00 , U = 0											
SLOT	C A R D												
7													
6													
5													
4													
3													
2													
1													
0													
LV G		01	03	05	07	09	11	13	15	17	19	21	23
7													
6													
5													
4													
3													
2													
1													
0													
LV G		00	02	04	06	08	10	12	14	16	18	20	22

Figure 3-5 Port Location Table (2/2)

1. Service Feature Restriction Class

Table 3-2 Service Feature Restriction Class

RESTRICTION CLASS	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SERVICE FEATURE NAME																
Account Code/Authorization Code/ Forced Account Code																
Attendant Camp-On (Data Line Security)																
Boss Secretary Service (For D ^{term})																
Call Back Call																
Forwarding-All Calls																
Call Forwarding-Busy Line																
Call Forwarding-Don't Answer																
Call Hold																
Call Park Access & Answer																
Call Park Called																
Call Pickup-Direct																
Call Waiting-Originating/ Terminating (Called)																
Call Waiting-Originating/ Terminating (Calling)																
Data Privacy on Demand; Cancel																
Data Privacy on Demand; Set																
Distinctive Ringing (FAX, OPX)																
Executive Right of Way (Called Party)																
Executive Right of Way (Calling Party)																
Faulty Trunk Report																
Intercom Group Individual Trunk Access																
Line Circuit Reverse Relay Control (Station)																

OFFICE DATA DESIGN SHEET

Table 3-2 Service Feature Restriction Class (Continued)

RESTRICTION CLASS SERVICE FEATURE NAME	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Line Load Control															
Meet-Me Paging																
Message Reminder (D ^{term})																
Message Waiting Lamp Setting from ATTCON or Station (Called Party)																
Message Waiting Lamp Setting from Station (Calling Party)																
Off-Hook Alarm																
Off-Hook Queuing																
OG Queuing Override																
OG Trunk Queuing																
OG Trunk Queuing-Deluxe																
Periodic Time Indication Time																
Priority Call 1																
Priority Call 2																
Priority Call 3																
Priority Paging																
Radio Paging Answer																
Special Common Battery Telephone																
Special Calling-Station/Group																
Speed Calling-System																
Station Message Detail System (SMDS) for Station to Station Calls																
TAS																
Voice Call																

2. Trunk Restriction Class Table

DESTINATION [ACCESS NUMBER]	RT No.	No. OF TRK	ROUTE RESTRICTION INDEX	RESTRICTION CLASS NUMBER															
				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																
			IC Via ATT																
			IC By DID																
			OG Via ATT																
ACC:			OG By DOD																

OFFICE DATA DESIGN SHEET

3. Tenant Restriction Table

(Station-to-Station Call)																(Incoming Connection to Night Attendant Console)																	
(TMTN) →																(TMTN) →																	
(OGTN) ↓		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	(OGTN) ↓		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1																	1															
	2																		2														
	3																			3													
	4																				4												
	5																					5											
	6																						6										
	7																							7									
	8																								8								
	9																									9							
	10																										10						
	11																											11					
	12																												12				
	13																													13			
	14																														14		
	15																														15		

(Assignment of C.F.-All Calls from a Station)																(Assignment of C.F.-All Calls from an Attendant Console)																	
(TMTN) →																(TMTN) →																	
(OGTN) ↓		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	(OGTN) ↓		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1																																
	2																																
	3																																
	4																																
	5																																
	6																																
	7																																
	8																																
	9																																
	10																																
	11																																
	12																																
	13																																
	14																																
	15																																

{ Incoming Connection to
Attendant Console }

(TMTN) →

(OGTN) ↓

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

{ Connection of Incoming
Trunk Call to Station }

(TMTN) →

(OGTN) ↓

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

{ Day and Night Mode Change }

(TMTN) →

(OGTN) ↓

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															

This page is for your notes.

CHAPTER 4 BUSINESS SYSTEM COMMAND DESCRIPTIONS AND DATA SHEETS

This chapter explains the parameters for the Business System commands of the NEAX2400 IPX. A data sheet is provided for each command. The commands are listed in standard programming order as illustrated in the Data Assignment Flow Chart.

If you know a command name, and you want quick access to the command's description, you can refer to the [Business Command List in Alphanumeric Order](#) to find the page on which the command is described.

The contents of each command description are shown in [Figure 4-1](#). The data sheet is on the page following the command description.

Note 1: *Data for the most frequently used parameters are as follows (for the NEAX2400 IPX):*

TN = 1-63

STN = Maximum 5 digits

LENS = 6 digits (Module Group, Unit, Group, Level)

MG = 00/01 for 1-IMG System/00-07 for 4-IMG, IPX-U System

RT = 1-255 (maximum number of routes is designated by the ASYD command, INDEX 65.)

TK = 1-255

Attendant Consoles = 1-16 for 1-IMG System/1-32 for 4-IMG System/1-60 for IPX-U System

Note 2: *It is possible to readout/list-up the existing NDM data without logging in to the NCN (Network Control Node) in Fusion Network. When assigning the NDM data, NCN log-in is required as before.*

Note 3: *The new commands for concealing physical station number (with “_T” in the command name), have the function to assign the station data by using Telephone Number instead of Physical Station Number. These new commands execute the data assignment/deletion for the Data Memory (DM) only, as the same as the existing command.*

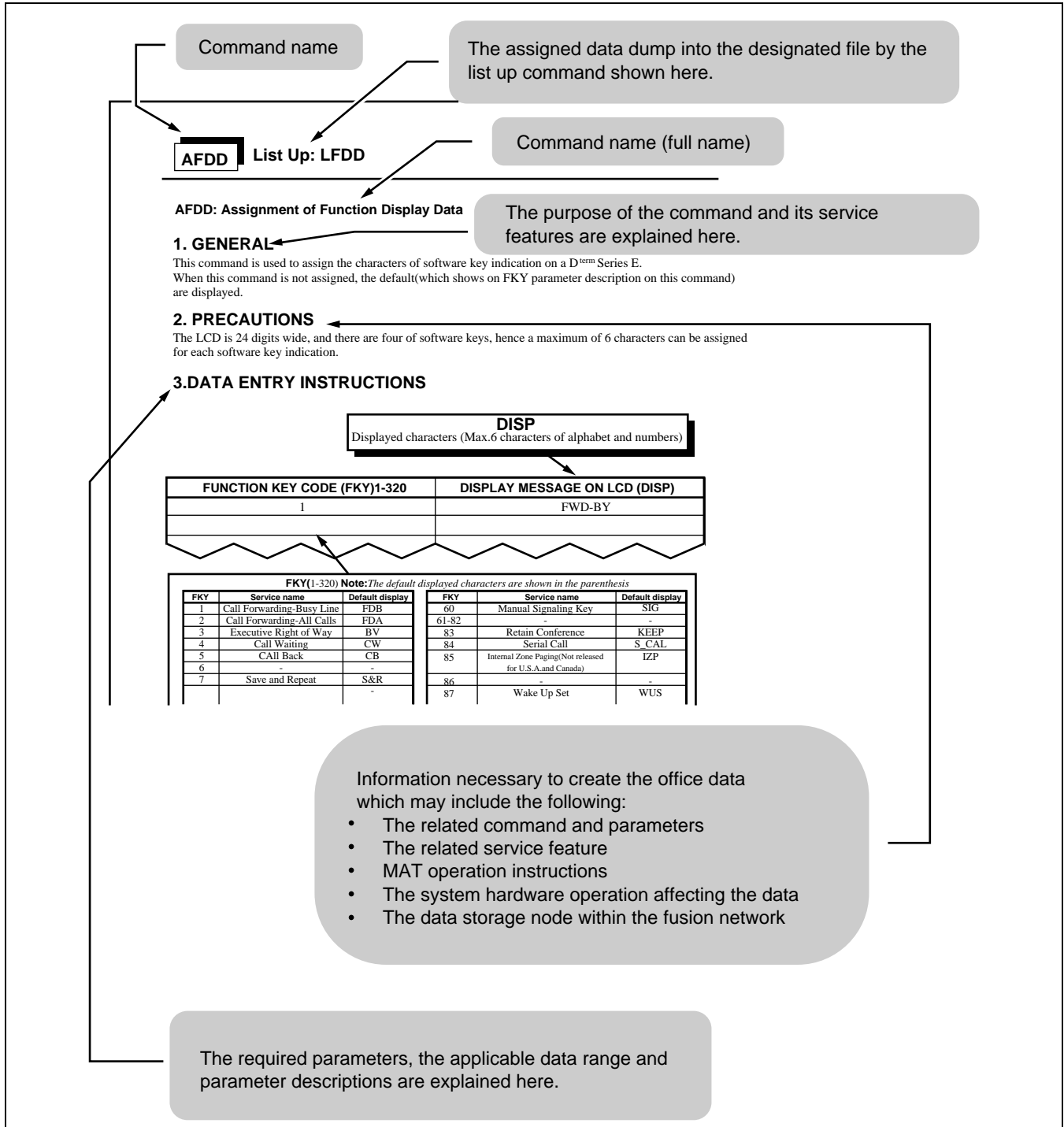


Figure 4-1 Command Descriptions

ATIM: Assignment of Date and Time

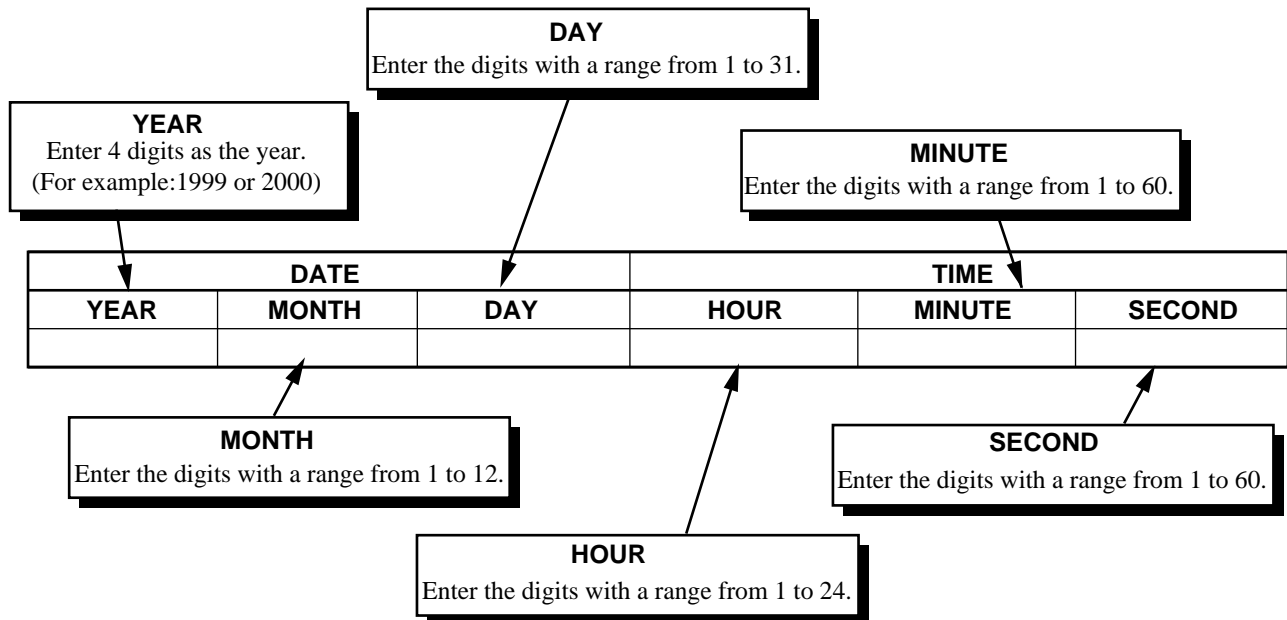
1. General

This command sets the clock information for the system. Clock information is executed when Y is entered in the WRT? field and the Enter key pressed.

2. Precautions

1. The clock is assigned in military time.
2. Clock information assigned in this command is necessary for the following purposes:
 - (a) To indicate time for D^{term} and ATT (Desk Console/Hotel Console)
 - (b) To specify the time for changing the route pattern for LCR
 - (c) To specify the time and date for changing the number development for LCR
 - (d) To specify the time for outgoing calls or for refusing incoming calls
 - (e) To specify the start time for the routing diagnosis
 - (f) To specify a length of time for Traffic Measurement
 - (g) SMDR
3. The system automatically takes the leap year into account.

3. Data Entry Instructions



ATIMN: Assignment of Date and Time for NDM

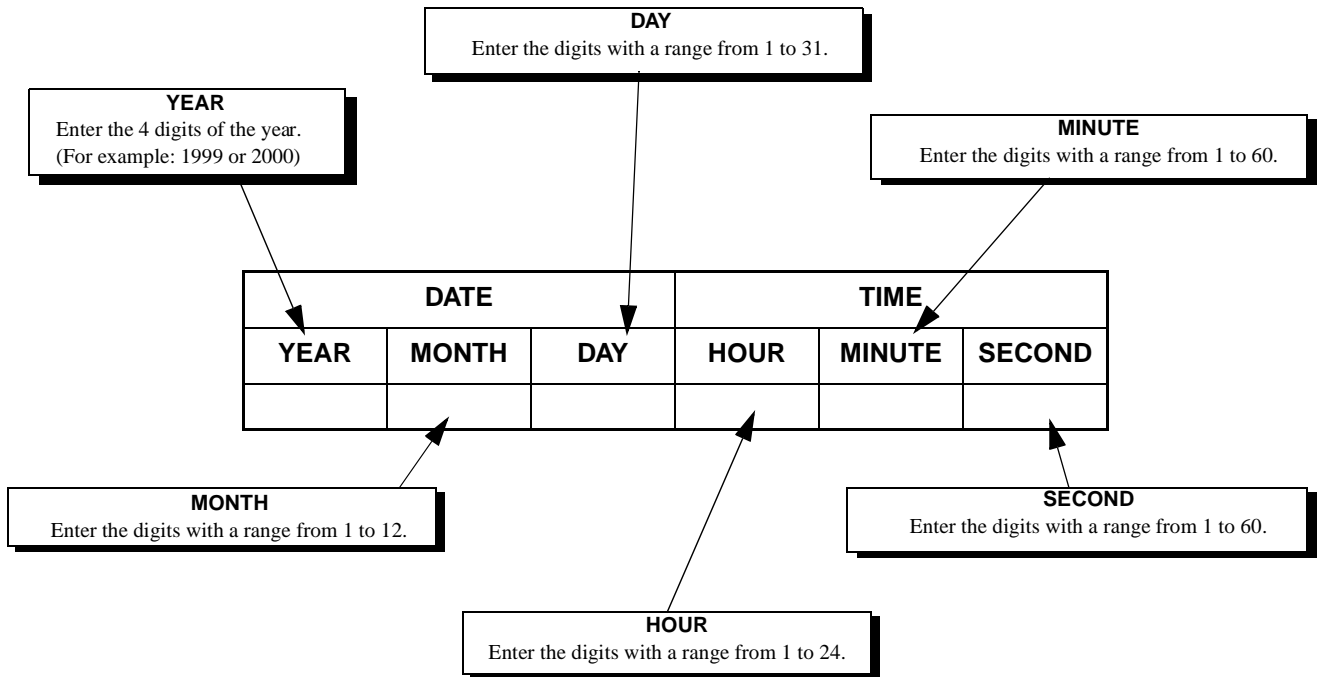
1. General

This command sets the clock information for all systems within the Fusion network. The time data assigned by this command is adjusted according to each LN's time difference data assigned by the ATDF command, before updating the NDM at each LN. The completion of time data assignment for each LN is displayed on the MAT.

2. Precautions

1. Prior to this command, the time difference data for all nodes must be assigned to the NCN using the ATDF command.
2. The clock is assigned in military time.
3. Clock information assigned in this command is necessary for the following purposes:
 - (a) To indicate time for D^{term} and ATT (Desk Console/Hotel Console)
 - (b) To specify the time for changing the route pattern for LCR
 - (c) To specify the time and date for changing the number development for LCR
 - (d) To specify the time for outgoing calls or for refusing incoming calls
 - (e) To specify the start time for the routing diagnosis
 - (f) To specify a length of time for Traffic Measurement
 - (g) SMDR
4. The system automatically takes the leap year into account.
5. Clock information is executed when "Y" is entered in WRT? field and the Enter key pressed.

3. Data Entry Instructions



ASYD: Assignment of System Data

1. General

The ASYD/ASYDL command assigns the system data for the following node:

- Local Node (L/N)/Network Control Node (NCN) of the Fusion network.
- Stand-alone PBX

2. Precautions

1. The ASYD command contains the following indexes:

SYS 1, INDEX 0-511

SYS 2, INDEX 0-15

SYS 3, INDEX 0-31

2. The ASYDL command contains the following indexes:

SYS 1, INDEX 512-1535

SYS 2, INDEX 16-79 (Not used)

3. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions

Define each bit's corresponding data referring to the SYSTEM DATA CONTENTS

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) (0-511)	DATA (DATA) (00-FF) (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	n	03	1	b0	xxx service 0/1 = Not to be provided/To be provided
			1	b1	yyy service 0/1 = Not to be provided/To be provided
			0	b2	Not used
			0	b3	Not used
			0	b4	Not used
			0	b5	Not used
			0	b6	Not used
			0	b7	Not used
	n+1	FF			Number of zzz

DATA	BIT
1	b0
1	b1
0	b2
0	b3
0	b4
0	b5
0	b6
0	b7

Convert from Binary DATA to Hexadecimal, and enter the Hex. value at DATA text box.

BIT	b7	b6	b5	b4	b3	b2	b1	b0
DATA	0	0	0	0	0	0	1	1
Hex	0				3			

4. Data Sheet

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	0				Number of Module Group (MG) IPX = 01~08 (MG00~07) (For IPX-UMG System) 01 Hex~20 Hex (MG00~MG32)
	1	01			Number of Main Processor (fixed to “01”)
	2			b ₀	0/1 = Built-in ACDP is not provided/provided. Also number of memory package.
	3			b ₁ -b ₇	Not used
					Configuration of Time Division System 01 = Single, 02 = Dual

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS															
			DATA 0/1	BIT																
1	4			b ₀	Control of ORT all Busy Status 0/1 = ROT/Queue															
				b ₁	Recalling method when the caller has released with Emergency Call service 0/1 = SHF or Depressing Ground Button/Unconditional Re-calling Note: <i>The operation procedure for recall is different depending on the D^{term} Series III or D^{term} Series E. D^{term} III user operates with SHF. D^{term} E user operates with transfer key.</i>															
				b ₂	Releasing Method for Station to Station Calling Service															
				b ₃	<table border="0"> <tr> <td><u>b₃</u></td> <td><u>b₂</u></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= Calling Party release</td> </tr> <tr> <td>0</td> <td>1</td> <td>= Called Party release</td> </tr> <tr> <td>1</td> <td>0</td> <td>= First Party release</td> </tr> <tr> <td>1</td> <td>1</td> <td>= Both Party release</td> </tr> </table> <p>Normally assign “First Party release”</p>	<u>b₃</u>	<u>b₂</u>		0	0	= Calling Party release	0	1	= Called Party release	1	0	= First Party release	1	1	= Both Party release
		<u>b₃</u>	<u>b₂</u>																	
		0	0	= Calling Party release																
		0	1	= Called Party release																
		1	0	= First Party release																
1	1	= Both Party release																		
		b ₄	Temporary Class Conversion/OAI Free Location Memory 0/1 = Not Required/Required Note: <i>When setting outgoing restriction and toll restriction in CCIS using the caller’s RSC transferred by a call origination from the preceding office, data value “1” is assigned. Destination restriction and number restriction cannot be made using RSC. This data is assigned “1” when the authorization code is provided.</i>																	
		b ₅	PAD Control of 16LC circuit card (for Station to Station Calling only) 0/1: Required/Not Required																	
		b ₆	One Burst of Ringing On Call Forwarding (C.F.) phone when C.F. – All Calls service has been assigned (analog phones only). 0/1 = Not Required/Required																	
		b ₇	Emergency Call Printout 0/1 = No Printout/Printout																	

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS															
			DATA 0/1	BIT																
1	5			b ₀	Access Code for C.F.-Busy Line and C.F. – Don't Answer Services 0/1 = Same/Separate Note: If "0" is assigned, assign either SID: 10 or 12 in command ASPA.															
				b ₁	Maximum number of Multiple Call Forwarding – All Calls/ Busy Line occurrences:															
				b ₂																
				b ₃	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>b₃</u> <u>b₂</u> <u>b₁</u></td> <td style="text-align: center;"><u>b₃</u> <u>b₂</u> <u>b₁</u></td> <td></td> </tr> <tr> <td style="text-align: center;">0 0 0 :]</td> <td style="text-align: center;">1 0 0 :]</td> <td style="text-align: center;">four times</td> </tr> <tr> <td style="text-align: center;">0 0 1 :]</td> <td style="text-align: center;">1 0 1 :]</td> <td style="text-align: center;">five times</td> </tr> <tr> <td style="text-align: center;">0 1 0 :]</td> <td style="text-align: center;">1 1 0 :]</td> <td></td> </tr> <tr> <td style="text-align: center;">0 1 1 :]</td> <td style="text-align: center;">1 1 1 :]</td> <td></td> </tr> </table> <p>Note: This data is valid when SYS-1, INDEX 69, bit 7 is assigned as "1."</p>	<u>b₃</u> <u>b₂</u> <u>b₁</u>	<u>b₃</u> <u>b₂</u> <u>b₁</u>		0 0 0 :]	1 0 0 :]	four times	0 0 1 :]	1 0 1 :]	five times	0 1 0 :]	1 1 0 :]		0 1 1 :]	1 1 1 :]	
		<u>b₃</u> <u>b₂</u> <u>b₁</u>	<u>b₃</u> <u>b₂</u> <u>b₁</u>																	
		0 0 0 :]	1 0 0 :]	four times																
		0 0 1 :]	1 0 1 :]	five times																
	0 1 0 :]	1 1 0 :]																		
	0 1 1 :]	1 1 1 :]																		
			b ₄	Miscellaneous Timer Counter (MTC) (0-7)	Call Back – Delay Timer															
			b ₅		Timer Value Setting is MTC × 2 sec.															
			b ₆		When this data is "000," Timer value is 2 sec.															
				b ₇	Call Back – Delay Timer 0/1 = Ineffective/Effective															
	6				b ₀	Special Transmitting Tone When Using Sender (Station) 0/1 = Not Required/Required (used with LCR/Speed Calling, etc.)														
		0		b ₁	Not used															
				b ₂	Special Transmitting Tone When Using Sender (ATT) 0/1 = Not Required/Required (used with LCR/Speed Calling, etc.)															
		0		b ₃	Not used															
				b ₄	Key pattern on the right side of Attendant Console															
				b ₅																
				b ₆	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">0 0 0 = pattern 1</td> </tr> <tr> <td style="text-align: center;">1 0 0 = pattern 4</td> </tr> </table> <p>Note: Do not set other pattern data.</p>	0 0 0 = pattern 1	1 0 0 = pattern 4													
0 0 0 = pattern 1																				
1 0 0 = pattern 4																				
	0		b ₇	Not used																

SYS1, INDEX 6, b₄ ~ b₆:

Note: Can change the key Function using the AAKP command.

1. Desk Console (Business) Key Pattern

Pattern 1 (b₄=0, b₅=0, b₆=0)

LDN	TIE	BUSY	ATND	NANS	Recall	TF	(FX)	PAGE	REC
EMG	BV	TRKSL	Call Park	SC	SVC	(FRL)	(ICPT)	Start	Mute

SRC	Cancel	DEST
	Talk	
Release	Hold	Answer

Pattern 4 (b₄=0, b₅=0, b₆=1)

LDN	TIE	BUSY	ATND	NANS	Recall	TF	(FX)	PAGE	REC
EMG	BV	TRKSL	Call Park	SC	SVC	(FRL)	(ICPT)	Start	Mute

SRC	Cancel	DEST
	Talk	
Release	Hold	Answer

(a) Add-on Console Key Pattern

Pattern 1 (b₄=0, b₅=0, b₆=0) and pattern 4 (b₄=0, b₅=0, b₆=1)

CAS	CCSA	WATS			

2. Hotel Desk Console Key pattern

Pattern 1 (b₄=0, b₅=0, b₆=0)

LDN	TIE	Busy	ADM	NANS	Recall	TF	FX	PAGE	REC
EMG	HP	DND	GST	OT	ICPT	WATS	CCSA	Start	Mute

(a) Add-on Console Key pattern

TRKSL	SVC	SC	SCRN		
DND Override	HWS	BV			
WUS	DDS	RCS	MWS	Check In	AUD
WUR	DDR	RCR	MWR	Check out	STS

ASYD : Assignment of System Data

Pattern 4 (b4=0, b5=0, b6=1)

LDN	TIE	Busy	ADM	NANS	Recall	TF	FX	PAGE	REC
EMG	HP	DND	GST	OT	ICPT	WATS	CCSA	Start	Mute

(b) Add-on Console Key pattern

TRKSL		SC	FRL	CP	
DND Override	CAS	BV			
WUS	DDS	RCS	MWS	Check In	AUD
WUR	DDR	RCR	MWR	Check out	STS

3. Desk Console (Business) Key pattern for Hotel application system

Pattern 1 (b4=0, b5=0, b6=0)

LDN	TIE	Busy	ATND	NANS	Recall	TF	FX	PAGE	REC
EMG	BV	TRKSL	DDC	SC	SVC	HWS	ICPT	Start	Mute

(a) Add-on Console Key pattern

CAS	CCSA	WATS			

Pattern 4 (b4=0, b5=0, b6=1)

LDN	TIE	Busy	ATND	NANS	Recall	TF	(FX)	PAGE	REC
EMG	DDC	TRKSL	BV	SC	FRL	Call Park	(ICPT)	Start	Mute

(b) Add-on Console Key pattern

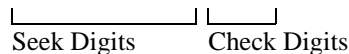
CAS	CCSA	WATS			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	7		0	b ₀	Not used	
					b ₁	Restriction in the number of outside parties who can participate in the Station Controlled Conference. 0/1 = Not Required/Required If “0” is set, the outside party who can participate in the Station-Controlled Conference is as follows: (a) For Tie Lines, it is possible to call a maximum of seven lines, as long as the distant PBX returns the answer signal and release signal. (b) For C.O. Lines, answer signal and release signal are not necessary. Only one C.O. LINE can attend the conference. If “1” is set, only one outside party can participate in the Station-Controlled conference.
			0	b ₂	Not used	
			0	b ₃		
			0	b ₄	Ability to camp-on indication for Attendant Console 0/1 = Normal/Busy LED flashes and Attendant Console hears ROT if unable to camp-on	
				b ₅	Processing of the following conditions in Automated Attendant Service: <ul style="list-style-type: none"> • When a trunk party has dialed an unused number or a dead level • When a trunk party has abandoned dialing a Station Number • When a station is restricted from connection • When the calling station does not answer 0/1 = Announcement is sent to the trunk party/Forced release	
				b ₆	Processing after PB Receiver Timeout in Automated Attendant Service: 0/1 = Forced release/Transfer to ATT (Normally, assign “0.”)	
			0	b ₇	Not used	
	8				Number of Tenants: 1-63 (= 01-3F [HEX.])	
	9				Number of Attendant Consoles 1IMG: 1~16 (01Hex~10Hex) 4IMG: 1~60 (01Hex~3CHex) IPX-U (16IMG): 1~60 (01Hex~3CHex)	

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	10	00	0	b ₀	Not used
			0	b ₁	
			0	b ₂	
			0	b ₃	Not used
			0	b ₄	Not used
			0	b ₅	Not used
			0	b ₆	Not used
			0	b ₇	
	11	00	0	b ₀	Not used
			0	b ₁	
			0	b ₂	
			0	b ₃	Not used
			0	b ₄	Not used
			0	b ₅	Not used
			0	b ₆	Not used
			0	b ₇	
	12			b ₀	Authorization Code Check Sum-1 b ₄ = Check Sum of Digit 0 b ₃ = Check Sum of Digit 1 b ₂ = Check Sum of Digit 2 b ₁ = Check Sum of Digit 3 b ₀ = Check Sum of Digit 4 0/1 = No Check Sum/Check Sum Note: When “00” Hex is entered, Check Sum is not used and Authorization Codes can contain a maximum of 10 digits.
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
				b ₇	

Note 1: Composition of Authorization Code, and its relation to Check Sum (related to INDEX 12~14).
 Authorization Code consists of D0 D1 D2 D3 D4 D5 D6.



(When using Check Sum, a maximum of seven digits, including Check Digits, are available.)
 There is a maximum of two Check Digits and eight Seek Digits.

- D5 is determined by Check Sum-1 and Check Code-1.
 $MOD10 (b_4 \times D0 + b_3 \times D1 + b_2 \times D2 + b_1 \times D3 + b_0 \times D4 + D5) = \text{Check Code-1}$
- D6 is determined by Check Sum-2 and Check Code-2.
 $MOD10 (b_4 \times D0 + b_3 \times D1 + b_2 \times D2 + b_1 \times D3 + b_0 \times D4 + D6) = \text{Check Code-2}$

Note 2: Only eight digits will print out on SMDR in the case of EPN – Authorization Code. Therefore, checks on authorization codes should be limited to a total of eight digits.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	13			b ₀	Authorization Code Check Sum-2 b ₄ = Check Sum of Digit 0 b ₃ = Check Sum of Digit 1 b ₂ = Check Sum of Digit 2 b ₁ = Check Sum of Digit 3 b ₀ = Check Sum of Digit 4 0/1 = No Check Sum/Check Sum	
				b ₁		
				b ₂		
				b ₃		
				b ₄		
				b ₅		
				b ₆		
				b ₇		
	14				b ₀	Authorization Code Check Code-1 (0~9 Hex.)
					b ₁	Check Code = MOD ₁₀
					b ₂	(b ₄ × D0 + b ₃ × D1 + b ₂ × D2 + b ₁ × D3 + b ₀ × D4 + D5)
					b ₃	(b ₀ ~b ₇ are indicated by INDEX 12)
					b ₄	Authorization Code Check Code-2 (0~9 Hex.)
					b ₅	Check Code = MOD ₁₀
					b ₆	(b ₄ × D0 + b ₃ × D1 + b ₂ × D2 + b ₁ × D3 + b ₀ × D4 + D6)
					b ₇	(b ₀ ~b ₄ are indicated by INDEX 13)
	15				b ₀	Number of Trunk Group (TG) Busy Lamps for Attendant Console 0 (Hex):Out of Service Assign 01(Hex) ~ 0A (Hex) for 1 ~ 10 busy lamps. Note: Assign the lamps in the ATGL command.
					b ₁	
					b ₂	
					b ₃	Not used
					b ₄	
					b ₅	
					b ₆	
					b ₇	

ASYD : Assignment of System Data

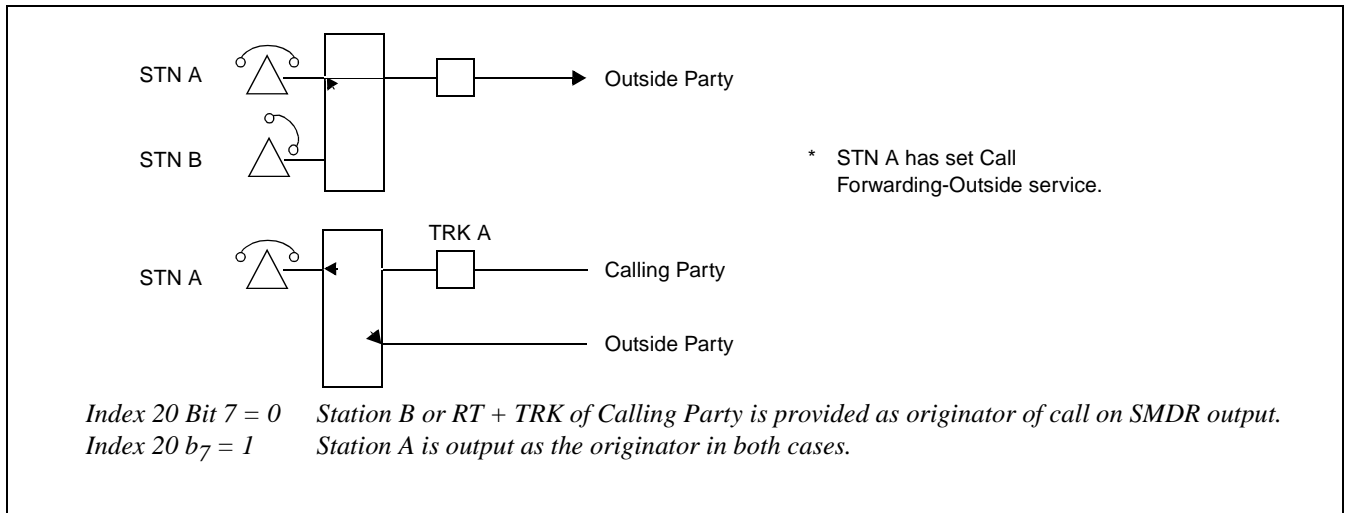
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	16			b ₀	1-digit Station Number 0/1 = Out/In Service
				b ₁	2-digit Station Number 0/1 = Out/In Service
				b ₂	3-digit Station Number 0/1 = Out/In Service
				b ₃	4-digit Station Number 0/1 = Out/In Service
				b ₄	5-digit Station Number 0/1 = Out/In Service
			0	b ₅	Not used
			0	b ₆	
			0	b ₇	
	17			b ₀	This bit (data “1”) allows single line stations to switch hook flash and dial an access code while hearing RBT, to place a voice call to a or activate the D ^{term} 's Message Reminder Key. 0/1 = Out/In Service
				b ₁	This bit (data “1”) designates that EROW calls can be placed via the Voice Button of a D ^{term} . 0/1 = Out/In Service
				b ₂	Privacy Release Service for D ^{term} 0/1 = Out/In Service
				b ₃	This bit (data “1”) activates Privacy Release Warning Tone. 0/1 = Not Send/Send
				b ₄	Blind Transfer to Attendant 0/1 = Out/In Service
			0	b ₅	Not used
			b ₆	Line Privacy Expansion service 0/1 = Out/n Service Note: <i>Effective when b₂ = 1</i>	
		b ₇	Bridge Call 0/1 = Privacy/Non-Privacy Operation		

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	18			b ₀	Not used
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	Day/Night change of Satellite Office (for CCIS) 0/1 = Out/In Service
			b ₇	Day/Night change is executed by the Main Office (for CCIS) Note: <i>If Day/Night change is executed at the Main Office when INDEX b₆ = 1 of the Main Office and b₇ = 1 of the Satellite Office, Day/Night change is executed at the Satellite Office as per the Tenant of the Main Office.</i> 0/1 = Out/In Service	
	19			b ₀	n: Tenant (TN = 1 – 15) of the Main Office to which the Satellite Office belongs (for CCIS)
				b ₁	
				b ₂	
				b ₃	
				b ₄	Not used
				b ₅	
			b ₆		
			b ₇		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	20			b ₀	Not used
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
					b ₇

Note: When “1” has been assigned to b₇, the station number of Station A (Called Party), as shown below, is provided to the SMDS equipment.



SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	21	00			Not used		
	22	00			Not used		
	23	00			Not used		
	24	00			Not used		
	25	00			Not used		
	26	00			Not used		
	27			0	b ₀	Not used	
				0	b ₁		
				0	b ₂		
				0	b ₃		
0				b ₄			
0				b ₅			
0				b ₆			
		0	b ₇	Immediate Ring Back Tone Sending: 0/1 = Not Required/Required			
1	28			b ₀	Miscellaneous Timer Counter (MTC) (00~1F Hex)	Message sending Guard Timer for Message Center Interface. Guard Time after sending data to Message Center: Time Value Setting is (MTC) × 128 msec. (When this data is 00 Hex, Timer value is 128 msec.)	
				b ₁			
				b ₂			
				b ₃			
				b ₄			
				b ₅	Message Waiting Lamp Control by Message Center Interface: 0/1 = Out/In Service		
			0	b ₆	Not used		
			0	b ₇			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	29			b ₀	Message Center Interface Output Designation
				b ₁	“1” is to be assigned to each bit corresponding to the Port Number of the IOC Circuit Card.
				b ₂	
			b ₃	b ₀ = Port 0 b ₄ = Port 4	
			b ₄	b ₁ = Port 1 b ₅ = Port 5	
			b ₅	b ₂ = Port 2 b ₆ = Port 6	
			b ₆	b ₃ = Port 3 b ₇ = Port 7	
			b ₇	Note: <i>In the case of dual output ports service, assign “1” to both ports.</i>	
	30			Mounting capacity of Data Memory (DM) For IPX, assign 02 Hex. Note: <i>Assign 04H for the extensive capacity and 06H for using PCS.</i>	
	31			Mounting capacity of Common Memory (CM) 1~4 Mbyte (01~04) For IPX, assign 02 Hex. For IPX with OAI name display, assign 04H.	
1	32		0	b ₀	Not used
			1	b ₁	Record Tenant Data for SMDR
			1	b ₂	Record Selected Trunk type for SMDR
			0	b ₃	Not used
			0	b ₄	
				b ₅	When Recording Called Numbers for SMDR: 0/1 = The ACC Code is not to be included/The ACC Code is to be included.
				b ₆	When Recording Abbreviated Digit Codes for SMDR: 0/1 = The Digits are Recorded/Digits Dialed are Recorded.
				b ₇	SMDR 0/1 = Out/In Service

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	33		0	b ₀	Not used
			0	b ₁	
			0	b ₂	
				b ₃	Telephone Subject to Total Billing (when b ₆ = 1)
				b ₄	<u>b₄</u> <u>b₃</u> 0 0 = Telephone that called first 0 1 = Telephone that called last. 1 0 = First telephone after the call has been handled by ATT. 1 1 = Last telephone after the call has been handled by ATT.
					Billing for Transferred Incoming Call 0/1 = Split/Total Billing Note: <i>Total Billing means “Telephone that called last.”</i>
				b ₆	Billing for Transferred Outgoing Call 0/1 = Split/Total Billing <i>Total Billing means “Telephone that called last.”</i>
0	b ₇	Not used			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS															
			DATA 0/1	BIT																
1	34			b ₀	SMDR RS-232 C Output 0/1 = Out/In Service															
				b ₁	RS-232C Output Code (SMDR) (When b ₀ = 1: SMDR)															
				b ₂	<table border="0"> <tr> <td><u>b₂</u></td> <td><u>b₁</u></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= No Parity (If parity bit 7 is 0)</td> </tr> <tr> <td>0</td> <td>1</td> <td>= Not used</td> </tr> <tr> <td>1</td> <td>0</td> <td>= Not used</td> </tr> <tr> <td>1</td> <td>1</td> <td>= Not used</td> </tr> </table>	<u>b₂</u>	<u>b₁</u>		0	0	= No Parity (If parity bit 7 is 0)	0	1	= Not used	1	0	= Not used	1	1	= Not used
			<u>b₂</u>	<u>b₁</u>																
			0	0	= No Parity (If parity bit 7 is 0)															
			0	1	= Not used															
			1	0	= Not used															
			1	1	= Not used															
	b ₃	Number of RS-232C stop bits																		
	b ₄	<table border="0"> <tr> <td><u>b₄</u></td> <td><u>b₃</u></td> <td></td> <td><u>b₄</u></td> <td><u>b₃</u></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= -</td> <td>1</td> <td>0</td> <td>= 1 + 1/2 bits</td> </tr> <tr> <td>0</td> <td>1</td> <td>= 1 bit</td> <td>1</td> <td>1</td> <td>= 2 bits</td> </tr> </table>	<u>b₄</u>	<u>b₃</u>		<u>b₄</u>	<u>b₃</u>		0	0	= -	1	0	= 1 + 1/2 bits	0	1	= 1 bit	1	1	= 2 bits
<u>b₄</u>	<u>b₃</u>		<u>b₄</u>	<u>b₃</u>																
0	0	= -	1	0	= 1 + 1/2 bits															
0	1	= 1 bit	1	1	= 2 bits															
	b ₅	The converted number is sent to the SMDR. 0 = Original Number is sent. 1 = Converted Number is sent																		
0	b ₆	Not used																		
0	b ₇																			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	35			b ₀	Not used
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
	36	00			Not used
	37	00			Not used
	38			b ₀	Stand-Alone Fault Printer Accommodation Designation “1” is to be assigned to each bit corresponding to the Port Number of the IOC circuit card. b ₀ = Port 0 b ₁ = Port 1 b ₂ = Port 2 b ₃ = Port 3 b ₄ = Port 4 b ₅ = Port 5 b ₆ = Port 6 b ₇ = Port 7 Note: Usually, Port 1 is used for System Message Printer.
				b ₁	
				b ₂	
			b ₃		
			b ₄		
			b ₅		
			b ₆		
39			b ₀	System Message Automatic Output Designation for Stand-Alone Fault Printer “1” is to be assigned to each bit corresponding to the Port Number of the IOC circuit card. b ₀ = Port 0 b ₁ = Port 1 b ₂ = Port 2 b ₃ = Port 3 b ₄ = Port 4 b ₅ = Port 5 b ₆ = Port 6 b ₇ = Port 7 Note: Usually, Port 1 is used for System Message Printer; assign the same data as INDEX 38.	
			b ₁		
			b ₂		
			b ₃		
			b ₄		
			b ₅		
			b ₆		
	b ₇				

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	40	00		b ₀ ~b ₄	Not used	
				b ₅	SMDR Buffer Overflow Alarm 0/1 = Fault @ 80%, Clear @ 50%/Use Indexes 249 and 250.	
				b ₆	Not used	
				b ₇	Not used	
	41				b ₀ ~b ₆	OG Queuing Override – DDD Seizing Timer Timer Counter (TC) is to be assigned a value from 01 Hex to 7F Hex. Timer Value Setting is (TC) × 30 sec. Note: When this data (TC) is 00 Hex, default data of 3 minutes is set.
				0	b ₇	Not used
	42				b ₀ ~ b ₁	Not used
					b ₂	System Message “5-Q”, ACD MIS Lock up, is to be output 0/1 = Invalid/Valid
					b ₃	Not used
					b ₄	Not used
					b ₆	Not used
					b ₇	SST, SPDT Tone 0/1 = Continuous/Burst

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	43			b ₀	For Remote Access to System, is Forced Account (F/A) Code Dialing required upon receiving RBT? 0/1 = Required/Not Required
			0	b ₁	Not used
				b ₂	Send SST after ACC Code dialing for Authorization Code or F/A code is dialed using LCR Access 0/1 = Out/In Service
			0	b ₃	Not used
				b ₄	ATT Re-enters Loop on Serial Call 0/1 = Restriction/Allowed
				b ₅	Send DT to the distant Office upon receiving Terminated Office Code (Tandem) 0/1 = Not Required/Required
			0	b ₆	Not used
				b ₇	Restriction for Dialing more than the max. of necessary digits (as assigned via command AMND) 0/1 = Not Required/Required Note: <i>If a calling party dials more than the maximum necessary digits, the calling party receives reorder tone.</i>
	44			b ₀	Automatic Circuit Assurance 0/1 = Out/In Service
			0	b ₁	Not used
			0	b ₂	
			0	b ₃	
			0	b ₄	
			0	b ₅	
0			b ₆		
	b ₇				

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																					
			DATA 0/1	BIT																						
1	45				Abnormal Call, Short Duration Timer for Automatic Circuit Assurance service (when INDEX = 44, b ₀ = 1) Timer counter (TC) is to be assigned a value from 02 Hex to FF Hex. (2 - 255 sec.) Timer Value = TC × 1 sec. Note: When TC = 00 Hex, this timer is not set.																					
	46				Abnormal Call, Long Duration Timer for Automatic Circuit Assurance service (when INDEX = 44, b ₀ = 1) TC is to be assigned a value from 01 Hex to FF Hex. (1 - 255 min.) Timer Value = TC × 1 min. Note: When TC = 00 Hex, this timer is not set.																					
	47				b ₀	Traffic Measurement Indication 0/1 = CCS Indication/Erlang Indication																				
					b ₂	TCFI Timer (Timer Internal Between Messages)																				
					b ₂	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>b₂</u></td> <td style="text-align: center;"><u>b₁</u></td> <td style="width: 50px;"></td> <td style="text-align: center;"><u>b₂</u></td> <td style="text-align: center;"><u>b₁</u></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">2 seconds</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">4 seconds</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">8 seconds</td> <td style="text-align: center;">1</td> </tr> </table> Application Dependent (Standard Assignment)	<u>b₂</u>	<u>b₁</u>		<u>b₂</u>	<u>b₁</u>	0	0	=	2 seconds	1	0	1	=	4 seconds	1	1	0	=	8 seconds	1
		<u>b₂</u>	<u>b₁</u>		<u>b₂</u>	<u>b₁</u>																				
		0	0	=	2 seconds	1																				
		0	1	=	4 seconds	1																				
		1	0	=	8 seconds	1																				
			0		b ₃	Display for TCFD 0/1 = MSG/Last input 0 = Normal assignment																				
	0		b ₄	SCF (FN = 127) Tone Control 0/1 = Invalid/Valid																						
	0		b ₅	Not used																						
	0		b ₆																							
				b ₇	Traffic Measurement for Terminal and Route Traffic (ATRF) 0/1 = Out/In Service																					

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	48				Do not assign these INDEXes. (INDEXes 48 ~ 55 are used for the Grade 1 Password Code.)
	49				
	50				
	51				
	52				
	53				
	54				
	55				
	56	FF		b ₀	Set Line Load Control (Automatic) Execution Occupancy Rate. Set execution of line load control (automatic) by the usage rate (occupancy) rate of the CPU. Example: For executing line load control by CPU usage rate (occupancy rate) 90%, assign 5AH. To assign this Index, take the occupancy rate desired and convert this value to Hex (e.g., 90 = 5AH).
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
			b ₇		
57	FF		b ₀	Set Line Load Control (Automatic) Execution Cancel Occupancy Rate. Set cancellation of line load control (automatic) by the usage rate (occupancy) rate of the CPU. Example: For cancelling line load control by CPU usage rate (occupancy rate) 80%, assign 50H. To assign this Index, take the occupancy rate desired and convert this value to Hex (e.g., 80 = 50H).	
			b ₁		
			b ₂		
			b ₃		
			b ₄		
			b ₅		
			b ₆		
			b ₇		

Note: When assigning data for INDEXes 56 and 57, be sure to assign data in such a way that the data value of INDEX 56 is larger than INDEX 57 (Value of INDEX 56 > Value of INDEX 57).

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	58			b ₀	Configuration of CPU (for IPX) 0/1 = Single/Dual For IPX, assign “0.”
			0	b ₁	Not used
			1	b ₂	Trunk Ineffective Hold Detect Processing Program Start 0/1 = Not Required/Required (Always assign “1.”)
			1	b ₃	Send Forced Off-Hook Supervisory Command 0/1 = Not Required/Required (Always assign “1.”)
			0	b ₄	Not used
			0	b ₅	
				b ₆	LP Residual Link Detect (for IPX-UMG system only) 0 = All LP per a day 1 = 1 LPG per a day (1LPG consists of four IMGs) Note: As related to the total necessary time of Routine Diagnosis, designate the number of LP to be executed the LP Residual Link Detect per a day. This data is effective when ASYD SYS1 INDEX90 bit3=1 (Residual Link Detect is to be executed) is assigned.
	0	b ₇	Not used		
	59			b ₀	Incoming Call Restriction from TRK during Line Load Control 0/1 = Not Required/Required
				b ₁	LCR – Controlled Alternate PRSC (FRLs) service (urgent mode via AUNE) 0/1 = Out/In Service Note: When “1” is assigned, the FRL key on the Attendant Console is effective.
				b ₂	DID Busy Condition 0/1 = No Tone/Busy Tone
			0	b ₃	Not used
			0	b ₄	
			0	b ₅	Number of Tones sent for Override services 0/1 = 2/3 Tones
0			b ₆	Send Tones for Attendant and Override services 0/1 = Yes/No	
			b ₇	Intercom service for D ^{term} 0/1 = Out/In Service	

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	60		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
				b ₃	UCD Queuing 0/1 = Required (RBT)/Not Required (BT) (Most = 0 when the MCI is in service.)	
				b ₄	Nailed Down Connection (Fixed Connection) service 0/1 = Out/In service	
				b ₅	Send Warning Tone to interrupted parties when Attendant Interruption service is operated. 0/1 = Required/Not Required	
			0	b ₆	Not used	
	0	b ₇				
	61			0	b ₀	Not used
				0	b ₁	
				0	b ₂	
				0	b ₃	
				0	b ₄	
					b ₅	Call Waiting Display – UCD/ACD Service 0/1 = Out/In Service
0				b ₆	Not used	
0	b ₇					

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	62		0	b ₀	Not used
			0	b ₁	
			0	b ₂	
			0	b ₃	
			0	b ₄	
			0	b ₅	
				b ₆	ACT/ST – BY Change over at Routine Diagnosis
		b ₇	<u>b₇</u> <u>b₆</u> 0 0 = Every time 0 1 = Once a week (On Sunday) 1 0 = Once a month (On the 1st Sunday of the month) 1 1 = – Note: Assign the Routine Diagnosis Program start time in SYS-1, INDEXes 87 and 88.		
	63	00		b ₀	Blind Transfer for stations in service 0/1 = No/Yes
				b ₁	Not used
				b ₂	
				b ₃	
				b ₄	Not used
				b ₅	Exclusive Hold for stations 0/1 = Yes/No
			b ₆	Not used	
	b ₇				

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	64			b ₀	μ law/A law for TDSW 0 = μ law (Japan, North America, Canada, and Hong Kong) 1 = A law (Europe, other nations)		
				b ₁	Display of Call Waiting Lamp (on Attendant Console) service		
				b ₂	<u>b₂</u> <u>b₁</u> 0 0 = When PA lamp illuminates 0 1 = When busy lamp field is not displayed 1 0 = Always 1 1 = -		
				b ₃	Howler Tone sending service		
				b ₄	<u>b₄</u> <u>b₃</u> 0 0 = Out of Service 0 1 = Send one time only 1 0 = Repeat every 30 sec. 1 1 = - Note: <i>The Sending Timer may be changed to a value other than 30 sec. via SYS-1, INDEX = 146.</i>		
			0	b ₅	Not used		
			0	b ₆	Type of Attendant Camp-On 0/1 = Automatic/Semi-Auto (Normally Assign "0.")		
				b ₇	Music On Hold service 0/1 = Out/In Service		
			65				Maximum Number of Routes IPX 1 ~ 255 = 01 ~ FF Hex
			66	00			Not used

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS								
			DATA 0/1	BIT									
1	67	00	0	b ₀	Not used								
			0	b ₁									
			0	b ₂									
			0	b ₃									
			0	b ₄									
			0	b ₅									
			0	b ₆	SMDR Control Circuit Card Designation 0/1 = MRC/SMDC (Always assign “0.”)								
	0	b ₇	SMDR Sending Designation 0/1 = AP/SMDC (Always assign “0.”)										
	68				b ₀	Operating method for busy station service (Call back, Executive Right of Way, etc.) 0/1 = SHF + Access Code/Last Digit + Access Code							
					b ₁	Operating method for Individual Trunk Access (ATT) service 0 = Route No. + Trunk No. 1 = C.O. Code (as assigned via command ACOC)							
					b ₂	Ringing Signal type for TAS indicator 0/1 = Interval/Continuous							
					b ₃	OG Trunk Queuing (On-Hook) Automatic Cancel 0/1 = Out/In Service							
					b ₄	TKSL key on the Attendant Console (for Individual Trunk Access service) 0/1 = Out/In service							
				0	b ₅	Not used							
				b ₆	Ground Button (GB) used for SHF 0/1 = Not Required/Required								
	b ₇	OG call operation		Used only for Special Common Battery Telephones									
		<table border="1"> <tr> <td>b₇ \ -</td> <td>via Attendant Console</td> <td>Direct Dial Access</td> </tr> <tr> <td>0</td> <td>Off-Hook</td> <td>Off-Hook by pressing GB</td> </tr> <tr> <td>1</td> <td>Off-Hook by pressing GB</td> <td>Off-Hook</td> </tr> </table>			b ₇ \ -	via Attendant Console	Direct Dial Access	0	Off-Hook	Off-Hook by pressing GB	1	Off-Hook by pressing GB	Off-Hook
b ₇ \ -		via Attendant Console	Direct Dial Access										
0	Off-Hook	Off-Hook by pressing GB											
1	Off-Hook by pressing GB	Off-Hook											

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	69			b ₀	Return transferred call to transferring party after Recall Timer expires (Call Transfer – All Calls or Blind Transfer to Station service) 0/1 = Recall/No Recall, or execution of Call Forwarding – Don't Answer (when C.F. – Don't Answer is set at the transfer destination station)
				b ₁	Send short tone when a call forwarded via C.F. – All Calls service is answered. 0/1 = Not Required/Required
				b ₂	Send short tone when a recalled C.F. – All Calls call is answered. 0/1 = Not Required/Required
			0	b ₃	Not used
				b ₄	
				b ₅	Hunting Group when transferred party is busy (Station Hunting after C.F. – Busy Line): 0 = Hunt in Transferring Party's Group 1 = Hunt in Transferred Party's Group
				b ₆	Send Warning Tone to indicate Intercom Bridge (Auto/Manual and Dial Intercom service) 0/1 = Not Required/Required
				b ₇	Multiple Call Forwarding – Busy Line/All Calls 0/1 = Out/In Service

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS						
			DATA 0/1	BIT							
1	70			b ₀	Called Number Display when forwarding to Attendant Console 0/1 = Out/In Service						
				b ₁	Flashing display of Line Lockout on Attendant Console BLF 0/1 = In Service/Out						
				b ₂	Route No. Display on Attendant Console						
				b ₃	$\frac{b_3}{0} \frac{b_2}{0}$: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 15px;"></td><td style="width: 20px; height: 15px;"></td><td style="width: 20px; height: 15px;"></td></tr></table> $\frac{b_3}{0} \frac{b_2}{1}$: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td style="width: 20px; height: 15px;"></td><td style="width: 20px; height: 15px;"></td><td style="width: 20px; height: 15px;"></td></tr></table> TN RT TRK RT TRK						
				b ₄	One digit dialing instead of SHF (DP TEL only) 0/1 = Not Required/Required						
				b ₅	Priority order for answering via ANSWER key 0 = Priority according to Type of Call 1 = Priority according to the order call termination						
		b ₆	Announcement Trunks used for Delay Announcement – UCD service 0/1 = Common/per UCD group								
		b ₇	Send Warning Tone to interrupted parties when Executive Right of Way service is in operation 0/1 = Required/Not Required								
	71	00		b ₀	Call Back Automatic Cancel Timer						
				b ₁	Value = T× (X1H to XFH) × MTC (3.5 minutes)						
				b ₂	This Timer can be assigned a value from 3.5 minutes to 52.5 minutes.						
				b ₃							
				b ₄							
			b ₅	Not used							
			b ₆								
	b ₇	Enable Call Back Automatic Cancel Timer 0/1 = No/Yes									

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																											
			DATA 0/1	BIT																												
1	72		0	b ₀	Not used																											
			0	b ₁																												
			0	b ₂																												
			0	b ₃																												
			0	b ₄																												
			0	b ₅																												
				b ₆	Distinctive Ringing (DR) only for Direct-In Termination (DIT), Direct-In Dialing (DID) calls Note: Assign “0” or “1” according to Table 4-2 .																											
	0	b ₇	Not used																													
	73			b ₀	Type of Paging Service																											
				b ₁	<table border="0"> <tr> <td><u>b₁</u></td> <td><u>b₀</u></td> <td>=</td> <td>No Answer</td> <td>Note</td> <td><u>b₁</u></td> <td><u>b₀</u></td> <td>=</td> <td>Delay</td> </tr> <tr> <td>0</td> <td>0</td> <td>=</td> <td>No Answer</td> <td></td> <td>1</td> <td>0</td> <td>=</td> <td>Delay</td> </tr> <tr> <td>0</td> <td>1</td> <td>=</td> <td>No Delay</td> <td></td> <td>1</td> <td>1</td> <td>=</td> <td>Delay with Paging Transfer</td> </tr> </table> Note: Ringback Tone when CDN6 = 8.	<u>b₁</u>	<u>b₀</u>	=	No Answer	Note	<u>b₁</u>	<u>b₀</u>	=	Delay	0	0	=	No Answer		1	0	=	Delay	0	1	=	No Delay		1	1	=	Delay with Paging Transfer
			<u>b₁</u>	<u>b₀</u>	=	No Answer	Note	<u>b₁</u>	<u>b₀</u>	=	Delay																					
			0	0	=	No Answer		1	0	=	Delay																					
			0	1	=	No Delay		1	1	=	Delay with Paging Transfer																					
				b ₂	Radio Page Number 0/1 = 2 digits/3 digits																											
			b ₃	Paging Cancel Code 0/1 = Individual Paging Route Codes/Common to all Paging Routes																												
	b ₄	Radio Paging – station number is automatically sent. 0/1 = Out/In Service																														
	b ₅	Radio Paging – Automatic Re-Paging 0/1 = In/Out Service																														
	b ₆	Attendant answers the Automatic Recall, the calling station number is displayed on Attendant Console. 0/1 = Not Required/Required																														
	b ₇	Attendant Console – Loop-to-Loop Connection (Meet-Me Paging – Attendant service) 0/1 = Out/In Service																														

ASYD : Assignment of System Data

b ₆	0		1	
Parameter DR assigned via command "ARTD"	0	1	0	1
Direct-In Termination (DIT)	Ringer Pattern 1	Ringer Pattern 0	Ringer Pattern 1	Ringer Pattern 0
Via Attendant Console	Ringer Pattern 1	Ringer Pattern 0	Ringer Pattern 1	Ringer Pattern 1
Via other station	Ringer Pattern 1	Ringer Pattern 0	Ringer Pattern 1	Ringer Pattern 1
Interoffice call	Ringer Pattern 1	Ringer Pattern 1	Ringer Pattern 1	Ringer Pattern 1

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	74			b ₀	Cancel Timer for an Unanswered Radio Page
				b ₁	Time Counter (TC) is assigned a value from 0 Hex to F Hex (0 – 15). Timer Value is (TC+1) × 30 sec.
				b ₂	
				b ₃	
				b ₄	Recall and Cancel Timer for an Unanswered Radio Page
				b ₅	Time Counter (TC) is assigned a value from 0 Hex to F Hex (0 – 15). Timer Value is (TC+1) × 30 sec.
				b ₆	
				b ₇	

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	75			b ₀	Route Restriction Class Data (ARSC command) 0/1 = Common/Separate	<p>Table Development: Common or Separate Day/Night Data Tables.</p> <p>Note: <i>When data tables are designated as “Common,” the Day mode designation must be used in the respective commands.</i></p>
				b ₁	Service Feature Restriction class Data (ASFC command) 0/1 = Common/Separate	
				b ₂	Tenant Restriction Data (ATNR command) 0/1 = Common/Separate	
				b ₃	Toll Code Restriction Data (ATDP command) 0/1 = Common/Separate	
				b ₄	EPN Facility Restriction Data (AEFR command)	
				b ₅	Change Digit Code for Dial In Service Data (ACDD command) 0/1 = Common/Separate	
				b ₆	Special Access Code for Floor Service Data (ASPF command) (for Hotel System) 0/1 = Common/Separate	
				b ₇	Station-to-Station Connection Restriction Data (ASCR, ATCR commands) (for Hotel System) 0/1 = Common/Separate	

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	76		0	b ₀	Not used	
			0	b ₁	Same Special Access Code Data (ASPS command) 0/1 = Common/Separate	Table Development: Common or Separate Day/Night Data Tables. Note: <i>When data tables are designated as “Common”, the Day mode designation must be used in the respective commands.</i>
				b ₂	Call Forwarding Service by Calling Number Data (AFCP command) 0/1 = Common/Separate	
			0	b ₃	Not used	
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	77				b ₀		Day/Night mode change via the Attendant Console handset jack 0/1 = Not Required/Required
				0	b ₁	Not used
					b ₂	MW Refresh 0/1 = Required/Not Required Note: <i>When message Waiting Lamp is provided, this data should be assigned “0.”</i>
				1	b ₃	Service Module Interface 0/1 = Required/Not Required
				1	b ₄	Module in which PFT card is mounted
				1	b ₅	PIM (Always assign “11.”)
0				b ₆	Not used	
0				b ₇		

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	78		1	b ₀	Display Station numbers on the Attendant Console and stations 0/1 = Out/In Service (Always assign "1.")
			1	b ₁	Kind of Service Class indication (D ^{term}) 0/1 = Out/In Service (Always assign "1.")
			0	b ₂	Not used
			0	b ₃	Station Number with Name Display 0/1 = Out/In Service
			0	b ₄	Not used
				b ₅	Name Display Service 0/1 = Out/In Service
			0	b ₆	Not used
			0	b ₇	
	79		0	b ₀	Not used
			0	b ₁	
				b ₂	Split Call Forwarding Service 0/1 = Out/In Service
			0	b ₃	Not used
			0	b ₄	
				b ₅	Name Display Enhance Service 0/1 = Out/In Service
				b ₆	OAI/ACD Service 0/1 = In Service/Out Note: When OAI/ACD service is out of service, this data is assigned "1."
0	b ₇	Not used			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS					
			DATA 0/1	BIT						
1	80		0	b ₀	Not used					
				b ₁	Call Block Service - Key used for canceling the Rejection Number 0/1 = # key/* key					
			0	b ₂	Clear last input from LCD when in OAI Mode 0/1 = Yes/No					
			0	b ₃	Display static ACD messages (Break, Ready, etc.) on the second line of the LCD. 0/1 = No/Yes					
			0	b ₄	Not used					
			0	b ₅						
			0	b ₆						
			0	b ₇						
	81	00			Not used					
	82				b ₀	Station Number Display Pattern on the Attendant Console b ₃ – b ₀ = Station Number Display Pattern b ₇ – b ₄ = Station Number Display Pattern for CCIS b ₃ /b ₇ b ₂ /b ₆ b ₁ /b ₅ b ₀ /b ₄				
					b ₁					
					b ₂					
					b ₃					
					b ₄		0 0 0 0 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>TN</td><td>RSC</td><td>STATION NUMBER</td></tr></table>	TN	RSC	STATION NUMBER
				TN	RSC		STATION NUMBER			
				b ₅	0 0 0 1 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>TN</td><td>STATION NUMBER</td></tr></table>		TN	STATION NUMBER		
TN				STATION NUMBER						
	b ₆	0 0 1 0 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>RSC</td><td>STATION NUMBER</td></tr></table>	RSC	STATION NUMBER						
RSC	STATION NUMBER									
	b ₇	0 0 1 1 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>TN</td><td>STATION NUMBER</td></tr></table> 0 1 0 0 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>RSC</td><td>STATION NUMBER</td></tr></table> 0 1 0 1 = <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>STATION NUMBER</td></tr></table>	TN	STATION NUMBER	RSC	STATION NUMBER	STATION NUMBER			
TN	STATION NUMBER									
RSC	STATION NUMBER									
STATION NUMBER										
83	00			Not used						

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	84	FF	1	b ₀	Data Memory Segment Location Designation
			1	b ₁	
			1	b ₂	
			1	b ₃	
			1	b ₄	
			1	b ₅	
			1	b ₆	
			1	b ₇	
	85	FF	1	b ₀	
			1	b ₁	
			1	b ₂	
			1	b ₃	
			1	b ₄	
			1	b ₅	
			1	b ₆	
			1	b ₇	

ASVD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	86			b ₀	System Message “7-0” is registered when no errors are detected by the Routine Diagnosis Program (Refer to INDEX 89 and 90) 0/1 = Not Registered/Registered
				b ₁	System Message “7-P” is registered when an error is detected by the Routine Diagnosis Program (Refer to INDEX 89 and 90) 0/1 = Not Register/Register
				b ₂	Fault Recovery Pattern upon TRK Ineffective Hold Detection
				b ₃	<u>b₃</u> <u>b₂</u> 0 0 = Release all calls other than basic calls (two-way calls), and register all call status. 0 1 = Register all call status 1 0 = Release all calls and register all call status 1 1 = Not used
				b ₄	System Message Automatic output to System printer (SYS 1, INDEX = 38, 39) 0/1 = Not Required/Required
			0	b ₅	Not used
			0	b ₆	Not used
			1	b ₇	System Message Contents 0/1 = Simplified/Detailed (Always assign “1.”)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	87				Hour data is assigned using a decimal number (Military Time) Example: 2:00 a.m. – This data is entered as 02. Example: 2:30 p.m. – This data is entered as 14.	
	88				Minute data is assigned using a decimal number (Military Time) Example: 2:00 a.m. – This data is entered as 00. Example: 2:30 p.m. – This data is entered as 30.	
	89			0	b ₀	Main Memory Check (Generic Program Memory) 0/1 = No/Yes
					b ₁	DM Check (DM = Data Memory) 0/1 = No/Yes
					b ₂	TSW Active/Standby Changeover for Dual Systems 0/1 = No/Yes
					b ₃	(For 1-IMG, 4-IMG, IPX-U system) CPU Active/Standby Changeover for Dual Systems 0/1 = No/Yes (For IPX-UMG system) SP ACT/STBY Changeover 0/1 = No/Yes
					b ₄	Trunk Ineffective Hold Detect 0/1 = No/Yes
					b ₅	Trunk Ineffective Hold Release 0/1 = No/Yes
					b ₆	Call Forwarding Memory Clear 0/1 = No/Yes
					b ₇	Not used

Routine Diagnosis Program Start Time

Note: When both Index 87 and Index 88 are assigned data "FF" Hex, the Routine Diagnosis Program is not executed.

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	90			b ₀	Not used		
				b ₁	Backup Call Forwarding and Individual Speed Data to HDD (See Index 304) 0/1 = No/Yes		
				b ₂	Not used		
				b ₃	Residual link detect 0/1 = No/Yes		
				b ₄	LP ACT/STBY Changeover (for IPX-UMG system) 0/1 = No/Yes		
				b ₅	CMP ACT/STBY Changeover (for IPX-UMG system) 0/1 = No/Yes		
				b ₆	Not used		
				b ₇			
	91		0	b ₀	Not used		
			0	b ₁			
				b ₂	Grades of System Message that can be Registered: <u>b₃</u> <u>b₂</u> 0 0 = Register All System Message Data 0 1 = Register System Message Data higher than grade 1 (SUP, MN, MJ) 1 0 = Register System Message Data higher than grade 2 (MN, MJ) 1 1 = Register System Message Data higher than grade 3 (MJ) Note: This data is fixed to “00” when Alarm Grade data is assigned by the ALMG command.		
				b ₃			
				b ₄		External Supplied Clock to TSW (12.352M-24CH System No. 0)	When one PLO card is to be mounted: $\frac{b_7}{0} \frac{b_6}{1} \frac{b_5}{0} \frac{b_4}{1}$
				b ₅		External Supplied Clock to TSW (12.352M-24CH System No. 1)	
	b ₆	External Supplied Clock to TSW (12.288M-32CH System No. 0*)	When two PLO cards are to be mounted: $\frac{b_7}{1} \frac{b_6}{1} \frac{b_5}{1} \frac{b_4}{1}$				
	b ₇	External Supplied Clock to TSW (12.288M-32CH System No. 1*)					

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	92			b ₀	System Data-2 (ASYD command)	Separate or Common Tenant Data table development for the respective commands 0/1 = Separate/Common Note: When data “1” is assigned, data must be assigned for Tenant 1 (TN = 1) in the respective commands.
				b ₁	Special Access Code Data (ASPA, AASP, AGSP command)	
				b ₂	Numbering Plan Data (ANPD, AANP, AGNP command)	
				b ₃	Station Data (ASDT, AAST, AGST, ALDN, ASAT commands)	
				b ₄	Route Restriction Class Data (ARSC command)	
				b ₅	Call Forwarding Restriction Data (ACFR command)	
			0	b ₆	Not used	
	0	b ₇				
	93			b ₀	Service Feature Restriction class Data (ASFC command)	Separate or Common Tenant Data table development for the respective commands 0/1 = Separate/Common Note: When data “1” is assigned, data must be assigned for Tenant 1 (TN = 1) in the respective commands.
				b ₁	Call Forwarding Data (ACFO command)	
				b ₂	TAS Data (ATAS command)	
				b ₃	Speed Calling Data (ASPD command)	
				b ₄	Route and Selection Translation Data (OG, Tandem) (ASTP, AFRS, AUNE commands)	
				b ₅	Route and Selection Translation Data (IC) (ASTP command)	
			b ₆	Maximum Necessary Digit Data (AMND command) Note: Assign “0,” when using Authorization Code		
			b ₇	Announcement Equipment Data (AAED command)		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	94			b ₀	Tenant Restriction Class Data (ATNR command)	Separate or Common Tenant Data table development for the respective commands 0/1 = Separate/Common Note: <i>When data "1" is assigned, data must be assigned for Tenant 1 (TN = 1) in the respective commands.</i>
				b ₁	EPN Facility Restriction Data (AEFR command)	
				b ₂	Primary Call Restriction Data (APCR command)	
				b ₃	Authorization Code Data (AATC command)	
				b ₄	Special Access Code for Floor Data (ASPF command) (for Hotel System)	
				b ₅	Day/Night Connection Restriction Data (ADNR command) (for Hotel System)	
				b ₆	Station-to-Station Connection Restriction Data (ASCR command) (for Hotel System)	
				b ₇	Special Incoming Data (ASID command)	
	95			b ₀	When billing data output failure has occurred to SMDR/RS-232C, the unit digit of the time in which the billing data can be saved; 0-9 (10-minute basis)	Data can be saved from 10 to 990 minutes (16 hours) by 10-minute basis. In the case of 00, output billing data can be saved for 3 hours. In the case of FF, output billing data can be saved until data output becomes possible. (Default is FF fixed)
				b ₁		
				b ₂		
				b ₃		
				b ₄	When billing data output failure has occurred to SMDR/RS-232C, the tens digit of the time in which the billing data can be saved; 0-9 (10-minute basis)	
				b ₅		
				b ₆		
				b ₇		

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																																																																						
			DATA 0/1	BIT																																																																																																							
1	96				End User's Office Name (INDEX 96-115) Note 1: <i>The End User's Office Name must be less than 20 characters.</i> Note 2: <i>A blank is assigned as data "20 Hex".</i>																																																																																																						
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104	2E	.	114	20	blank																																																																																																						
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ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	116		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
		b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 1	Data for Port 0 of the IOC Circuit Card		
	117		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
0			b ₆			
0	b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 2	Data for Port 1 for the IOC Circuit Card			

Note 1: When setting the data that designates Print/Message Center and MAT, be sure the data is not duplicated in the Port number data to be assigned by SYS-1, INDEX 288, 290, 292, and 294. Also, when setting the data that designates SMDR, it is necessary to assign the corresponding data to SYS-1, INDEX 288, 290, 292, and 294.

Note 2: Bits 0 ~ 6 are assigned in the AIOC command. Only bit 7 may be changed using this index.

Note 3: When activating the Password function, assign “b₇ = 1” ONLY after a Password Code has been assigned using the command APSW.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	118		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
		b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 1	Data for Port 2 of the IOC Circuit Card		
	119		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
0			b ₆			
0	b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 2	Data for Port 3 for the IOC Circuit Card			

Note 1: When setting the data that designates Print/Message Center and MAT, be sure the data is not duplicated in the Port number data assigned by SYS-1, INDEX 288, 290, 292, and 294. When setting the data that designate SMDR, it is necessary to assign the corresponding data to SYS-1, INDEX 288, 290, 292, and 294.

Note 2: Bits 0 ~ 6 are assigned in the AIOC Command. Only bit 7 may be changed using this index.

Note 3: When activating the Password function, assign “b₇ = 1” ONLY after a Password Code has been assigned via command APSW.

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 511	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	120		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
		b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 1	Data for Port 4 of the IOC Circuit Card		
	121		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
0			b ₆			
0	b ₇	Password Function (Effective only with MAT) 0/1 = Out/In Service Note 2	Data for Port 5 for the IOC Circuit Card			

Note 1: When setting the data that designates Print/Message Center and MAT, be sure the data is not duplicated in the Port number data assigned by SYS-1, INDEX 288, 290, 292, and 294. When setting the data that designate SMDR, it is necessary to assign the corresponding data to SYS-1, INDEX 288, 290, 292, and 294.

Note 2: Bits 0 ~ 6 are assigned in the AIOC Command. Only bit 7 may be changed using this index.

Note 3: When activating the Password function, assign “b₇ = 1” ONLY after a Password Code has been assigned via command APSW.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF HEX	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	122		0	b ₀	Not used	Data for Port 6 of the IOC Circuit Card
			0	b ₁		
			0	b ₂		
			0	b ₃	Not used	
			0	b ₄		
			0	b ₅		
			0	b ₆	Not used	
					b ₇		Password Function (Effective only with MAT) 0/1 = Out/In Service	Note

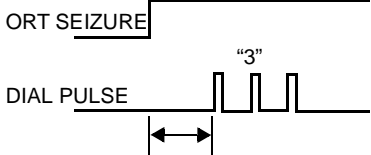
Note: When activating the Password function, assign “b₇ = 1” ONLY after a Password Code has been assigned via command APSW.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	123		0	b ₀	Not used	Data for Port 7 for the IOC Circuit Card
			0	b ₁		
			0	b ₂		
			0	b ₃	Not used	
			0	b ₄		
			0	b ₅		
			0	b ₆	Not used	
			0		b ₇		Password function (effective only with MAT) 0/1 = Out/In Service	Note

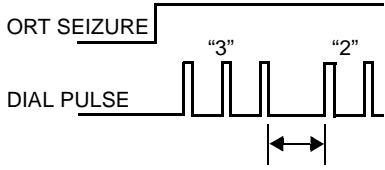
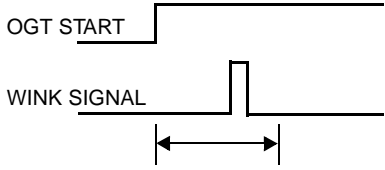
Note: When activating the Password function, assign “b₇ = 1” ONLY after a Password Code has been assigned via command APSW.

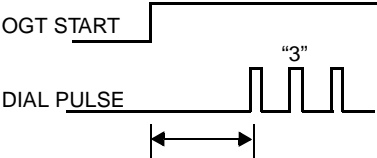
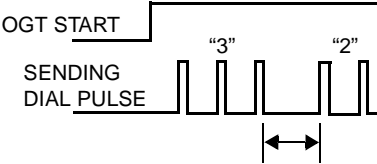
ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	125	00			Not used	
				b ₀	MFC Sender PAD Control	
				b ₁	Note: <i>Source Signal is -8 dBm</i>	
				b ₂		
				b ₃		b ₃ b ₂ b ₁ b ₀
						0 0 0 0 = -0 dB
						0 0 0 1 = -2 dB
						0 0 1 0 = -4 dB
						0 0 1 1 = -6 dB
						0 1 0 0 = -8 dB
						0 1 0 1 = -10 dB
						0 1 1 0 = -11.5 dB
				0 1 1 1 = -14 dB		
				1 0 0 0 - 1 1 1 1 = Not used		
	b ₄	MFC Signaling System				
	b ₅	b ₃ b ₂ b ₁ b ₀				
	b ₆	0 0 0 0 = NEC Standard (Complies with the CCITT MFC-R2) (USA default) 0 0 0 1 = Australia (Telecom Specification) 0 0 1 0 = Thailand (TOT Specification) 0 0 1 1 = Venezuela (Corpoven Specification) 0 1 0 0 = Korea 0 1 0 1 = Singapore (Telecom Specification) 0 1 1 0 = Not used 0 1 1 1 = Argentina 1 0 0 0 = Indonesia 1 0 0 1 = Mexico 1 0 1 0 = Brazil 1 0 1 1 = Chile 1 1 0 0 = Columbia 1 1 0 1 = India 1 1 1 0 ~ 1 1 1 1 = Not used				
	b ₇					

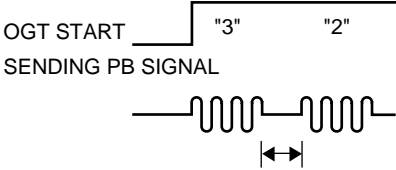
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	126			b ₀	External Equipment Alarm Timer (0-127):		
				b ₁	If external equipment continues to send alarm information for the duration over this timer value, the system will regard it as a failure. Example: $\begin{matrix} b_6 & b_5 & b_4 & b_3 & b_2 & b_1 & b_0 \\ 0 & 0 & 1 & 1 & 1 & 1 & 0 = 30 \text{ sec.} \\ 1 & 1 & 1 & 1 & 0 & 0 & 0 = 120 \text{ sec.} \end{matrix}$		
				b ₂			
				b ₃			
				b ₄			
				b ₅			
				b ₆			
				b ₇		When MFC Public Exchange requests one more digit (GA-I): 0/1 = PBX sends GI-15 (end of digit) and waits a Backward Signal/PBX waits a Backward Signal	
	127	00			Not used		
	128				b ₀	Miscellaneous Timer counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). 	The interval from the time a register is accessed until it receives the first digit. Timer Value Setting is MTC × 2 sec. Note: When this data is 00 Hex, default data is automatically set to 12 sec.
					b ₁		
					b ₂		
					b ₃		
					0	b ₄		Not used
0					b ₅		
0					b ₆		
0	b ₇						

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	129			b ₀	Register Inter Digit Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). 	The interval between dialed digits. Timer Value Setting is MTC × 2 sec. Note: When this data is 00 Hex, default data is automatically set to 6 sec.
				b ₁		
				b ₂		
				b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
		b ₇	Not used			
	0	b ₄				
	0	b ₅				
	0	b ₆				
	0	b ₇				
		b ₀			Sender Connection Acknowledgment Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). 	For calls over senderized Tie Lines, the sender requires an ACK signal from the distant PBX before it can send digits. This timer specifies how long the sender must wait. Timer Value Setting is MTC × 2 sec. Note: When this data is 00 Hex, default data is automatically set to 4 sec.
		b ₁				
	b ₂					
	b ₃					
0	b ₄					
0	b ₅					
0	b ₆					
	b ₇	Not used				
0	b ₄					
0	b ₅					
0	b ₆					

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	131		0	b ₀	Not used	For 2nd DT trunks, the sender waits until this timer expires before sending dialed digits. Timer Value Setting is $MTC \times 512$ msec. Note: When this data is 00 Hex, the following default data is automatically set: $DP=2.9$ sec. $PB=2.5$ sec.
			0	b ₁		
0			b ₂			
0			b ₃			
			b ₄	Sender Prepause Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). 		
			b ₅			
			b ₆			
			b ₇			
	132		0	b ₀	Not used	The interval between dialed digits. Timer Value Setting is: 10 pps; $MTC \times 1$ sec. 20 pps; $MTC \times 1$ sec. Note: When this data is 00 Hex, 700 msec./10 pps and 450 msec./20 pps are automatically set.
			0	b ₁		
			0	b ₂		
			0	b ₃		
				b ₄	Sender Inter Digit Timer for DP: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). 	
				b ₅		
				b ₆		
				b ₇		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																								
			DATA 0/1	BIT																																									
1	133		0	b ₀	<p>Not used</p> <p>Sender Inter Digit Timer for PB: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).</p>  <p>OGT START _____ "3" _____ "2" SENDING PB SIGNAL _____</p>																																								
			0	b ₁																																									
		0	b ₂																																										
		0	b ₃																																										
			b ₄																																										
			b ₅																																										
			b ₆																																										
	134			b ₇	<p>ATT Sender Release Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).</p> <p>Timer Class (TC) is to be assigned one of the following values:</p> <table border="0" style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table> <p>After connection to 2nd DT trunk. If this timer expires before the sender receives an answer from the 2nd DT trunk, the ATT display changes to RT/TRK and the sender is released (false answer).</p> <p>Timer Value Setting is MTC × TC sec.</p> <p>Note: When this data is 00 Hex, default data is automatically set to 4 sec.</p>	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-
<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																			
0	0	1	=	-		1	0	1	=	-																																			
0	1	0	=	-		1	1	0	=	-																																			
0	1	1	=	2 sec.		1	1	1	=	-																																			
				b ₀																																									
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				b ₄																																									
				b ₅																																									
				b ₆																																									
		0		b ₇	Not used																																								

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	135			b ₀	Seizure Guard Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	After a trunk is seized, it cannot be dialed until this timer expires. This timer prevents bypassing of Toll Restriction. Timer Value Setting is MTC × TC msec. Note: When this data is 00 Hex, default data is automatically set to 1 sec.																																																		
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>64 sec.</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	64 sec.	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	-	1	1	1	=	-
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
			0	0			0	=	-	1	0	0	=	-																																										
	0	0	1	=	64 sec.	1	0	1	=	-																																														
	0	1	0	=	-	1	1	0	=	-																																														
	0	1	1	=	-	1	1	1	=	-																																														
		b ₅																																																						
		b ₆																																																						
	0	b ₇	Not used																																																					
	136			b ₀	Ground Button on Hold Timer for Special Common Battery Telephone: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	When a station with a ground button goes off-hook and depresses the button for the interval specified by this timer, the PBX recognizes it as being off-hook. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 4 sec.																																																		
			b ₁																																																					
			b ₂																																																					
			b ₃																																																					
			b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>	<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-	
<u>b₆</u>			<u>b₅</u>		<u>b₄</u>		=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																											
0			0		0		=	-	1	0	0	=	-																																											
0	0	1	=	-	1	0	1	=	-																																															
0	1	0	=	-	1	1	0	=	-																																															
0	1	1	=	2 sec.	1	1	1	=	-																																															
	b ₅																																																							
	b ₆																																																							
0	b ₇	Not used																																																						

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	137			b ₀	Start Timer for Periodic Indication Tone: Miscellaneous Timer Counter (MTC) is assigned a value from 0 Hex to F Hex (0-15).	<p>This timer specifies the point in a conversation at which the first Periodic Indication Tone is to be sent. This timer is only valid for routes that have been assigned Periodic Indication Tone service via parameter TELP (CDN 29) of command ARTD.</p> <p>Timer Value Setting is $MTC + 1 \times TC$.</p> <p>Note: When this data is 00 Hex, default data is automatically set to 3 min (± 30 sec.).</p>																																																		
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">b₆</td> <td style="text-align: center;">b₅</td> <td style="text-align: center;">b₄</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">b₆</td> <td style="text-align: center;">b₅</td> <td style="text-align: center;">b₄</td> <td style="text-align: center;">=</td> <td style="text-align: center;">30 sec.</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">30 sec.</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">64 msec</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">2 sec.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> </table>		b ₆	b ₅	b ₄	=	-	b ₆	b ₅	b ₄	=	30 sec.	0	0	0	=	-	1	0	0	=	30 sec.	0	0	1	=	64 msec	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-
			b ₆	b ₅			b ₄	=	-	b ₆	b ₅	b ₄	=	30 sec.																																										
			0	0			0	=	-	1	0	0	=	30 sec.																																										
			0	0			1	=	64 msec	1	0	1	=	-																																										
0	1	0	=	-	1	1	0	=	-																																															
0	1	1	=	2 sec.	1	1	1	=	-																																															
	b ₅																																																							
	b ₆																																																							
0	b ₇	Not used																																																						

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	138			b ₀	Periodic Indication Tone Interval Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	This timer assigns the interval between Periodic Indication Tones, after the first tone has been sent. Timer Value Setting is MTC + 1 × TC. Note: <i>When this data is 00 Hex, default data is automatically set to 3 min (±30 sec.).</i>
				b ₁		
				b ₂		
				b ₃		
				b ₄	Timer Class (TC) is to be assigned one of the following values:	
				b ₅		
				b ₆	$\begin{matrix} \underline{b_6} & \underline{b_5} & \underline{b_4} & & & & \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 0 & 0 & 0 & = & - & & 1 & 0 & 0 & = & 30 \text{ sec.} \\ 0 & 0 & 1 & = & 64 \text{ msec} & & 1 & 0 & 1 & = & - \\ 0 & 1 & 0 & = & - & & 1 & 1 & 0 & = & - \\ 0 & 1 & 1 & = & 2 \text{ sec.} & & 1 & 1 & 1 & = & - \end{matrix}$	
			0		b ₇		Not used

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	139			b ₀	No Answer Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	No Answer Timer for Station to Station, DID, and Tie Line calls. This timer applies to C.F.-Don't Answer, Call Back, and Call Hold. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 30 sec.																																																		
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>8 sec.</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	8 sec.
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
			0	0			0	=	-	1	0	0	=	-																																										
	0	0	1	=	-	1	0	1	=	-																																														
	0	1	0	=	-	1	1	0	=	-																																														
	0	1	1	=	2 sec.	1	1	1	=	8 sec.																																														
		b ₅																																																						
		b ₆																																																						
	0	b ₇	Not used																																																					
	140				b ₀	No Answer Timer for Recall on Call Transfer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	The duration for which a call will ring at the transfer destination before it will recall to the transferring party. The timer value is effective when INDEX 69, b ₀ = "0". Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 30 sec.																																																	
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>8 sec.</td> </tr> </table>	<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	8 sec.
<u>b₆</u>				<u>b₅</u>		<u>b₄</u>		=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
0				0		0		=	-	1	0	0	=	-																																										
0	0	1	=	-	1	0	1	=	-																																															
0	1	0	=	-	1	1	0	=	-																																															
0	1	1	=	2 sec.	1	1	1	=	8 sec.																																															
	b ₅																																																							
	b ₆																																																							
0	b ₇	Not used																																																						

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	141			b ₀	No Answer Timer for Station Call from ATT:	This timer applies to stations for which C.F.-Don't Answer has been set. This timer assigns the duration for which calls being transferred by the attendant will ring at the station before being forwarded. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 10 sec.
				b ₁		
				b ₂	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	
				b ₃		
				b ₄		
				b ₅	Timer Class (TC) is to be assigned one of the following values:	
				b ₆			$\begin{array}{ccc} \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 0 & 0 & 0 = - \\ 0 & 0 & 1 = - \\ 0 & 1 & 0 = - \\ 0 & 1 & 1 = 2 \text{ sec.} \end{array}$	$\begin{array}{ccc} \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 1 & 0 & 0 = - \\ 1 & 0 & 1 = - \\ 1 & 1 & 0 = - \\ 1 & 1 & 1 = 8 \text{ sec.} \end{array}$
	0	b ₇	Not used			
	142				b ₀		Automatic Recall Timer for Call Park service:
				b ₁		
				b ₂	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	
				b ₃		
				b ₄		
				b ₅	Timer Class (TC) is to be assigned one of the following values:	
			b ₆	$\begin{array}{ccc} \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 0 & 0 & 0 = - \\ 0 & 0 & 1 = - \\ 0 & 1 & 0 = - \\ 0 & 1 & 1 = 2 \text{ sec} \end{array}$		$\begin{array}{ccc} \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 1 & 0 & 0 = - \\ 1 & 0 & 1 = - \\ 1 & 1 & 0 = - \\ 1 & 1 & 1 = 8 \text{ sec.} \end{array}$
0	b ₇	Not used				
143	00				Not used	

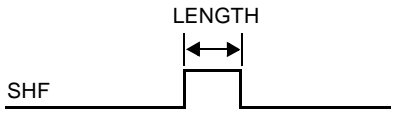
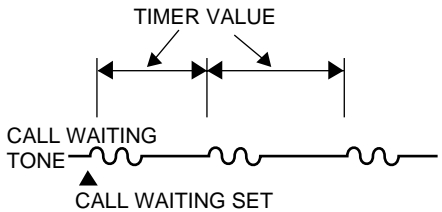
ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																													
			DATA 0/1	BIT																																																														
1	144			b ₀	Automatic Hold Recall Timer for D ^{term} ; Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	This timer is used for Exclusive Hold and Non-Exclusive Hold. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 30 sec.																																																												
				b ₁																																																														
				b ₂																																																														
				b ₃																																																														
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>–</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>–</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>–</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>–</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>8 sec.</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>–</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–	0	0	0	=	–	1	0	0	=	–	0	0	1	=	–	1	0	1	=	–	0	1	0	=	–	1	1	0	=	–	0	1	1	=	2 sec.	1	1	1	=	8 sec.	0	1	1	=	2 sec.	1	1	1	=	–
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	–	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–																																																				
			0	0			0	=	–	1	0	0	=	–																																																				
	0	0	1	=	–	1	0	1	=	–																																																								
	0	1	0	=	–	1	1	0	=	–																																																								
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	0	1	1	=	2 sec.	1	1	1	=	–																																																								
		b ₅																																																																
		b ₆																																																																
	0	b ₇	Not used	This timer assigns the duration for which a call being transferred to a station from the attendant will ring at the station before being recalled. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 32 sec.																																																														
145			b ₀		Attendant Console Automatic Recall Timer:																																																													
			b ₁																																																															
			b ₂		Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																													
			b ₃																																																															
		1	b ₄			Timer Class (TC) must be assigned as “001” TC = 001 means 8 sec.																																																												
		0	b ₅																																																															
		0	b ₆																																																															
	b ₇	Attendant Console Automatic Recall Timer Value 0/1 = Ineffective/Effective																																																																

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	146			b ₀	Howler Tone Timer:	<p>This timer assigns the duration between tones when Howler Tone is being sent to a station.</p> <p>Timer Value Setting is $MTC \times TC$.</p> <p>The Interval Pattern is assigned in INDEX 64, b₃ and b₄</p> <p>Note: When this data is 00 Hex, default data is automatically set to 30 sec.</p>																																																		
				b ₁	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																			
				b ₂																																																				
				b ₃																																																				
							b ₄																																																	
				b ₅	<p>Timer Class (TC) is to be assigned one of the following values:</p> <table border="0"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
			0	0			0	=	-	1	0	0	=	-																																										
	0	0	1	=		-	1	0	1	=	-																																													
	0	1	0	=	-	1	1	0	=	-																																														
	0	1	1	=	2 sec.	1	1	1	=	-																																														
		b ₆																																																						
			0																																																					
		b ₇	Not used																																																					
147				b ₀	Direct-In Termination Station Busy (DIT, NC-Fix) Supervisory Timer:	<p>The frequency with which software will check the idle/busy status of a DIT station or Night Connection station after an incoming call encounters a busy condition.</p> <p>Timer Value Setting is $MTC \times TC$ sec.</p> <p>Note: When this data is 00 Hex, default data is automatically set to 2 sec.</p>																																																		
				b ₁	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																			
				b ₂																																																				
				b ₃	Timer Class (TC) is to be assigned one of the following values:																																																			
				b ₄																																																				
				b ₅	<table border="0"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
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0	1	1	=	2 sec.	1	1	1	=	-																																															
	b ₆																																																							
		0																																																						
	b ₇	Not used																																																						
148	00				Not used																																																			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	149			b ₀	Camp-On Recall Timer for CAS-Satellite Station: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). Timer Class (TC) is to be assigned one of the following values: $\begin{matrix} \underline{b_6} & \underline{b_5} & \underline{b_4} & & \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 0 & 0 & 0 & = & - & & 1 & 0 & 0 & = & - \\ 0 & 0 & 1 & = & - & & 1 & 0 & 1 & = & - \\ 0 & 1 & 0 & = & - & & 1 & 1 & 0 & = & - \\ 0 & 1 & 1 & = & 2 \text{ sec.} & & 1 & 1 & 1 & = & - \end{matrix}$	The duration for which a call will remain Camped-On to a station at the Satellite PBX before being recalled to the attendant. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 30-32 sec.	
				b ₁			
				b ₂			
				b ₃			
				b ₄			
				b ₅			
				b ₆			
		0	b ₇	Not used			
	150				b ₀	SHF Sending Guard Timer for CAS-Main Station: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). Timer Class (TC) is to be assigned one of the following values: $\begin{matrix} \underline{b_6} & \underline{b_5} & \underline{b_4} & & \underline{b_6} & \underline{b_5} & \underline{b_4} \\ 0 & 0 & 0 & = & - & & 1 & 0 & 0 & = & - \\ 0 & 0 & 1 & = & - & & 1 & 0 & 1 & = & - \\ 0 & 1 & 0 & = & - & & 1 & 1 & 0 & = & - \\ 0 & 1 & 1 & = & 2 \text{ sec.} & & 1 & 1 & 1 & = & - \end{matrix}$	The length of time the attendant must wait before transferring a call to the Satellite PBX after making a switch hook flash. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set from 960-1024 msec.
					b ₁		
					b ₂		
					b ₃		
					b ₄		
					b ₅		
				b ₆			
	0	b ₇	Not used				

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																															
			DATA 0/1	BIT																																																
1	151			b ₀	SHF length for a CAS Main Station: Miscellaneous Timer Counter (MTC) is to be assigned a value from 00 Hex to 1F Hex (0-31).	The length of an SHF signal being sent from the Main to a Satellite PBX. Timer Value Setting is $MTC \times 32$ msec. $(MTC+1) \times 32$ msec. Note: When this data is 00 Hex, default data is automatically set from 448 msec.-480 msec.																																														
				b ₁																																																
				b ₂																																																
				b ₃																																																
				b ₄																																																
				b ₅	Not used																																															
				b ₆																																																
		b ₇																																																		
	152				b ₀	Interval for Call Waiting Indication Tone to Busy Station: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	The interval between tones when CW Periodic Indication Tone has been enabled in SYS-2, Index 10, b ₇ . Timer Value Setting is $MTC \times TC$ sec. Note: When this data is 00 Hex, default data is automatically set to 10 sec.																																													
					b ₁																																															
					b ₂																																															
					b ₃																																															
					b ₄	Timer Class (TC) is to be assigned one of the following values:																																														
					b ₅																																															
				b ₆	<table border="0"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>8 sec.</td> </tr> </table>	<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1
<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																											
0	0	0	=	-	1	0	0	=	-																																											
0	0	1	=	-	1	0	1	=	-																																											
0	1	0	=	-	1	1	0	=	-																																											
0	1	1	=	2 sec.	1	1	1	=	8 sec.																																											
0	b ₇	Not used																																																		

ASYD : Assignment of System Data

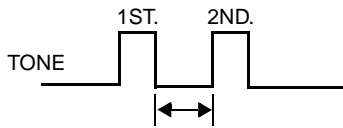
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																											
			DATA 0/1	BIT																																												
1	153			b ₀	Data Communication RS-232C RS-CS Signal Control service: This timer is to be assigned a value from 0 Hex to F Hex (0-15) 0 Hex = 60 msec. 1-7 Hex = - 8 Hex = 0 msec. 9 Hex = 30 msec. A Hex = 60 msec. B Hex = 120 msec. C Hex = 240 msec. D Hex = 360 msec. E Hex = 720 msec. F Hex = 1080 msec.	RS-232C Guard Time after RS-ON until CS-ON during data communications. Note: When this data is 00 Hex, default data is automatically set to 60 msec.																																										
				b ₁																																												
				b ₂																																												
				b ₃																																												
			0	b ₄																																												
			0	b ₅																																												
			0	b ₆																																												
			0	b ₇																																												
	154	00			Not used																																											
	155				b ₀	Attendant Console Sender Prepause Timer: Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15). Timer Class (TC) is to be assigned one of the following values: <table style="display: inline-table; border: none;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	1	=	-	2 sec.	1	1	1	=	-	Allows time for the C.O. to provide Dial Tone when the ATT accesses a Loop and a 2nd DT trunk. Timer Value Setting is MTC × TC sec. Note: When this data is 00 Hex, default data is automatically set to 4 sec.
				<u>b₆</u>	<u>b₅</u>		<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																		
				0	0		0	=	-	1	0	0	=	-																																		
0				0	1		=	-	1	0	1	=	-																																			
0				1	1		=	-	2 sec.	1	1	1	=	-																																		
				b ₁																																												
				b ₂																																												
	b ₃																																															
	b ₄																																															
	b ₅																																															
	b ₆																																															
	b ₇	Attendant Console Sender Prepause Timer 0/1 = Ineffective/Effective																																														

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																	
			DATA 0/1	BIT																																																		
1	156			b ₀	Trunk Soft Hold Timer A:		Timer Value Setting is MTC × TC sec. Note: <i>When this data is 00 Hex, default data is automatically set to 30 sec.</i>																																															
				b ₁	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																	
				b ₂																																																		
				b ₃																																																		
				b ₄	Timer Class (TC) is to be assigned one of the following values:																																																	
				b ₅																																																		
				b ₆	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>b₆</u></td> <td style="text-align: center;"><u>b₅</u></td> <td style="text-align: center;"><u>b₄</u></td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;"><u>b₆</u></td> <td style="text-align: center;"><u>b₅</u></td> <td style="text-align: center;"><u>b₄</u></td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">2 sec.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> </table>			<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1
	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																												
	0	0	0	=	-	1	0	0	=	-																																												
	0	0	1	=	-	1	0	1	=	-																																												
	0	1	0	=	-	1	1	0	=	-																																												
	0	1	1	=	2 sec.	1	1	1	=	-																																												
	0	b ₇	Not used																																																			
	157				b ₀	Trunk Soft Hold Timer B:		Timer Value Setting is MTC × TC sec. Note																																														
				b ₁	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																	
				b ₂																																																		
				b ₃																																																		
				b ₄	Timer Class (TC) is to be assigned one of the following values:																																																	
				b ₅																																																		
				b ₆	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>b₆</u></td> <td style="text-align: center;"><u>b₅</u></td> <td style="text-align: center;"><u>b₄</u></td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;"><u>b₆</u></td> <td style="text-align: center;"><u>b₅</u></td> <td style="text-align: center;"><u>b₄</u></td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">2 sec.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">=</td> <td style="text-align: center;">-</td> </tr> </table>		<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1
<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																													
0	0	0	=	-	1	0	0	=	-																																													
0	0	1	=	-	1	0	1	=	-																																													
0	1	0	=	-	1	1	0	=	-																																													
0	1	1	=	2 sec.	1	1	1	=	-																																													
0	b ₇	Not used																																																				

Note: *When this data is 00 Hex, default data is automatically set to 18 sec. If Answer Signal is not received from destination office in C.O./Tie Line originating calls via Sender (ARTD ANS = 0 is set), Answer Signal is sent when this timer expires. (For tandem connection, assign the data at SYS1, INDEX 243.)*

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																
			DATA 0/1	BIT																																																	
1	158			b ₀	Attendant Console Busy Verification Warning Tone Timer:																																																
				b ₁																																																	
				b ₂																																																	
				b ₃	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).																																																
				b ₄	Timer Class (TC) is to be assigned one of the following values:																																																
				b ₅																																																	
		b ₆	<table style="margin-left: auto; margin-right: auto;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>	<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=
	<u>b₆</u>		<u>b₅</u>	<u>b₄</u>	=	-	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-																																										
	0		0	0	=	-	1	0	0	=	-																																										
	0		0	1	=	-	1	0	1	=	-																																										
	0	1	0	=	-	1	1	0	=	-																																											
	0	1	1	=	2 sec.	1	1	1	=	-																																											
		b ₇	Not used																																																		
159				b ₀	OG Trunk Queuing Automatic Cancel Timer:																																																
				b ₁																																																	
				b ₂																																																	
				b ₃																																																	
				b ₄																																																	
				b ₅																																																	
				b ₆	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to 7F Hex (0-127).																																																
	0	b ₇	Not used																																																		



The interval between BV tones.

Timer Value Setting is $MTC \times TC$ sec.

Note: When this data is 00 Hex, default data is automatically set to 14 sec.

The duration before the OG Queuing memory becomes cleared if no trunks become idle.

Timer Value Setting is $MTC \times 30$ sec.

Note: When this data is 00 Hex, default data is automatically set to 30 min.

This timer is effective when SYS-1, INDEX 68, b₃ = "1."

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	160		1	b ₀	Hotel Feature required (Fixed Data)	
			1	b ₁	Hotel Service kind (Fixed Data)	
				b ₂	Length of Room Status Memory 0/1 = 8 byte/24 byte	
			0	b ₃	Pattern of Key Arrangement on Attendant Console	
			0	b ₄	(Refer to Table 4-1.) (Usually, 00)	
				b ₅	Guest Name Service 0/1 = Out/In Service	
				b ₆	Numbering Plan Data Table of Guest Station and Admin. Stations 0/1 = Separate/Common Note 1: <i>If data is assigned as 1, only use commands AANP and AASP to assign Admin. and guest numbering plan. If data 0 is assigned, use AANP and AASP for Admin. numbering plan and AGNP and AGSP for guest numbering plan.</i>	
				b ₇	Fixed to 0. Note: <i>This data is available in both Business and Hotel applications. Do not assign "*" or "#" as the last digit of the feature access code. No station may use "*" or "#" in numbering.</i>	

(for Hotel system)

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	161			b ₀	Don't Disturb Override key on the Attendant Console 0/1 = Out/In Service	(for Hotel system)
				b ₁	Message Waiting Service 0/1 = Out/In Service	
				b ₂	Language Service 0/1 = Out/In Service	
				b ₃	Split Hold Service 0/1 = Out/In Service	
			0	b ₄	Not used	
				b ₅	DSS (Direct Station Select) Key on the Attendant Console 0/1 = Ineffective/Effective	
				b ₆	Timing Start using “#” Code 0/1 = Ineffective/Effective Note 1: <i>This data is available in both Business and Hotel applications. Do not assign “*” or “#” as last digit of feature access code. No station may use “*” or “#” in numbering.</i>	
				b ₇	Timing Start using “*” Code 0/1 = Ineffective/Effective Note 2: <i>This data is available in both Business and Hotel applications. Do not assign “*” or “#” as last digit of feature access code. No station may use “*” or “#” in numbering.</i>	

Table 4-1 Key Arrangements for Hotel Add-On Console

DATA		KEY ARRANGEMENT	REMARKS												
b ₄	b ₃														
0	0	<table border="1"> <tr> <td>WUS</td> <td>DDS</td> <td>RCS</td> <td>MWS</td> <td></td> <td>AUD</td> </tr> <tr> <td>WUR</td> <td>DDR</td> <td>RCR</td> <td>MWR</td> <td></td> <td>STS</td> </tr> </table>	WUS	DDS	RCS	MWS		AUD	WUR	DDR	RCR	MWR		STS	<p>WUS: Wake-Up Set WUR: Wake-Up Reset DDS: Do Not Disturb Set DDR: Do Not Disturb Reset</p>
WUS	DDS	RCS	MWS		AUD										
WUR	DDR	RCR	MWR		STS										
0	1	<table border="1"> <tr> <td>WUS</td> <td>DDS</td> <td>RCS</td> <td>MWS</td> <td></td> <td>COC</td> </tr> <tr> <td>WUR</td> <td>DDR</td> <td>RCR</td> <td>MWR</td> <td></td> <td>STS</td> </tr> </table>	WUS	DDS	RCS	MWS		COC	WUR	DDR	RCR	MWR		STS	<p>MWS: Message Waiting Set MWR: Message Waiting Reset RCS: Room Cut Off Set RCR: Room Cut Off Reset</p>
WUS	DDS	RCS	MWS		COC										
WUR	DDR	RCR	MWR		STS										
1	0	<table border="1"> <tr> <td>WUS</td> <td>DDS</td> <td>RCS</td> <td>MWS</td> <td>C/I</td> <td>AUD</td> </tr> <tr> <td>WUR</td> <td>DDR</td> <td>RCR</td> <td>MWR</td> <td>C/O</td> <td>STS</td> </tr> </table>	WUS	DDS	RCS	MWS	C/I	AUD	WUR	DDR	RCR	MWR	C/O	STS	<p>AUD: Audit Report STS: Status Check C/I: Check In C/O: Check Out</p>
WUS	DDS	RCS	MWS	C/I	AUD										
WUR	DDR	RCR	MWR	C/O	STS										
1	1	<table border="1"> <tr> <td>WUS</td> <td>DDS</td> <td>RCS</td> <td>MWS</td> <td>SCS</td> <td>AUD</td> </tr> <tr> <td>WUR</td> <td>DDR</td> <td>RCR</td> <td>MWR</td> <td>SCR</td> <td>STS</td> </tr> </table>	WUS	DDS	RCS	MWS	SCS	AUD	WUR	DDR	RCR	MWR	SCR	STS	<p>SCS: Boss-Secretary Set SCR: Boss-Secretary Reset COC: Manual Switching of C.O. Incoming Call</p>
WUS	DDS	RCS	MWS	SCS	AUD										
WUR	DDR	RCR	MWR	SCR	STS										

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex.)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA _a 0/1	BIT		
1	162		0	b ₀		Assign 00 for business systems.
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	163		0	b ₀		
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	164	00	0	b ₀		Assign 00 for business systems.
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	165	00	0	b ₀		
			0	b ₁		
			0	b ₂		
			0	b ₃		
0			b ₄			
0			b ₅			
0			b ₆			
0			b ₇			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex.)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATAa 0/1	BIT		
1	166	00	0	b ₀		Assign 00 for business systems.
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	167	00	0	b ₀		
				b ₁		
				b ₂		
				b ₃		
				b ₄		
				b ₅		
				b ₆		
	b ₇					

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex.)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATAa 0/1	BIT			
1	168		0	b ₀	Not used	Assign 00 for business systems.	
			0	b ₁			
			0	b ₂			
			0	b ₃			
				b ₄			Off-hook Alarm (service) 0/1 = Out/In Service
				b ₅			Destination for Off-Hook Alarm Termination 0/1 = Attendant Console/ Station
				b ₆			Destination for Priority Call Termination 0/1 = Attendant Console/ Station
			0	b ₇			Not used
	169	00	0	b ₀		Assign 00 for business systems.	
			0	b ₁			
			0	b ₂			
			0	b ₃			
			0	b ₄			
			0	b ₅			
			0	b ₆			
			0	b ₇			
	170		0	b ₀			
			0	b ₁			
			0	b ₂			
			0	b ₃			
				b ₄			Timing Start 0/1 = Not Required/Required
			0	b ₅			
			0	b ₆			
			0	b ₇			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex.)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA _A _{0/1}	BIT		
1	171	00		b ₀	Assign 00 for business systems.	
				b ₁		
				b ₂		
				b ₃		
				b ₄		
				b ₅		
				b ₆		
	172	00		b ₇		
				b ₀		
				b ₁		
				b ₃		
				b ₄		
				b ₅		
			0	b ₆		
	173	00		b ₇		
				b ₀		
				b ₁		
				b ₂		
				b ₃		
				b ₄		
				b ₅		
	174	00		b ₆		
				b ₇		
	175	00		Not used		
			0	b ₀		
			0	b ₁		
			0	b ₂		
			0	b ₃		
0			b ₄			
0			b ₅			
0			b ₆			
0	b ₇					

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex.)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATAa 0/1	BIT		
1	176	00	0	b ₀	Not used	Assign 00 for business systems.
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
	0	b ₇	Not used			
	177	00	0	b _{0~b5}	Not used	
			0	b ₆		
0			b ₇			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	178					Not used
	179		0	b ₀		(for Hotel System)
			0	b ₁		
				b ₂		Automatic Message Waiting Lamp Off service (for HP types) 0/1 = Out/In Service
			0	b ₃		Not used
			0	b ₄		Attendant Console Monitor Function 0/1 = Out/In Service
			0	b ₅		Not used
			0	b ₆		
			0	b ₇		

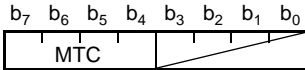
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																															
			DATA 0/1	BIT																																
1	180			b ₀	1	<p>Note: OPC value is expressed by all bits. For example, if OPC value is 16, bit values are entered as shown below.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>b₇</td> <td>b₆</td> <td>b₅</td> <td>b₄</td> <td>b₃</td> <td>b₂</td> <td>b₁</td> <td>b₀</td> <td></td> </tr> <tr> <td>SI180</td> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>= 10 hex</td> </tr> <tr> <td>SI181</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>= 00 hex</td> </tr> </table> <p>Enter the data into the DATA column in hexadecimal numbers.</p>		b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀		SI180	0	0	0	1	0	0	0	0	= 10 hex	SI181	0	0	0	0	0	0	0	0	= 00 hex
				b ₇	b ₆		b ₅	b ₄	b ₃	b ₂	b ₁	b ₀																								
			SI180	0	0		0	1	0	0	0	0	= 10 hex																							
			SI181	0	0		0	0	0	0	0	0	= 00 hex																							
				b ₁	2																															
				b ₂	4																															
				b ₃	8																															
				b ₄	16																															
		b ₅	32																																	
		b ₆	64																																	
		b ₇	128																																	
	181				b ₀		256																													
					b ₁		512																													
					b ₂		1024																													
					b ₃		2048																													
					b ₄		4096																													
					b ₅		8192																													
				0	b ₆																															
				0	b ₇																															
	182				b ₀		1																													
					b ₁		2																													
					b ₂		4																													
					b ₃		8																													
					b ₄		16																													
				b ₅	32																															
				b ₆	64																															
				b ₇	128																															
183				b ₀	256																															
				b ₁	512																															
				b ₂	1024																															
				b ₃	2048																															
				b ₄	4096																															
				b ₅	8192																															
			0	b ₆																																
			0	b ₇																																

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																									
			DATA 0/1	BIT																																																										
1	184			b ₀	1	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">SI184</div> <div style="margin-right: 10px;">SI185</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 10px;">b₇</td><td style="width: 10px;">b₆</td><td style="width: 10px;">b₅</td><td style="width: 10px;">b₄</td><td style="width: 10px;">b₃</td><td style="width: 10px;">b₂</td><td style="width: 10px;">b₁</td><td style="width: 10px;">b₀</td> </tr> <tr> <td colspan="8" style="text-align: center;">DPC 1</td> </tr> <tr> <td colspan="2" style="text-align: center;">0</td> <td colspan="6"></td> </tr> </table> <p style="margin-top: 5px;">DPC 1: Centralized management report Point Code 1</p> <p>Note: <i>DPC1 value is expressed using all 14 bits. For example, if DPC1 value is 10, bit values are entered as shown below.</i></p> <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="margin-right: 10px;">SI184</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 10px;">b₇</td><td style="width: 10px;">b₆</td><td style="width: 10px;">b₅</td><td style="width: 10px;">b₄</td><td style="width: 10px;">b₃</td><td style="width: 10px;">b₂</td><td style="width: 10px;">b₁</td><td style="width: 10px;">b₀</td> </tr> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td> </tr> </table> <div style="margin-left: 10px;">= 0A hex</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="margin-right: 10px;">SI185</div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 10px;">b₇</td><td style="width: 10px;">b₆</td><td style="width: 10px;">b₅</td><td style="width: 10px;">b₄</td><td style="width: 10px;">b₃</td><td style="width: 10px;">b₂</td><td style="width: 10px;">b₁</td><td style="width: 10px;">b₀</td> </tr> <tr> <td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td> </tr> </table> <div style="margin-left: 10px;">= 00 hex</div> </div> <p style="margin-top: 10px;">Enter the data into the DATA column in hexadecimal numbers.</p> </div>	b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀	DPC 1								0								b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀	0	0	0	0	1	0	1	0	b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀	0	0	0	0	0	0	0	0
			b ₇	b ₆	b ₅		b ₄	b ₃	b ₂	b ₁	b ₀																																																			
			DPC 1																																																											
			0																																																											
			b ₇	b ₆	b ₅		b ₄	b ₃	b ₂	b ₁	b ₀																																																			
			0	0	0		0	1	0	1	0																																																			
			b ₇	b ₆	b ₅		b ₄	b ₃	b ₂	b ₁	b ₀																																																			
	0	0	0	0	0		0	0	0																																																					
		b ₁	2																																																											
		b ₂	4																																																											
		b ₃	8																																																											
		b ₄	16																																																											
		b ₅	32																																																											
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			b ₅	8192																																																										
		0	b ₆																																																											
0	b ₇																																																													

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	186			b ₀	0/1 = Link Reconnection Not In Service/Link Reconnection In Service Note: <i>An Interoffice transfer service is available. For example, with No. 7 CCIS, a caller has called outside their own office but is actually talking with somebody in their own office. This bit is used to reconfigure links so they are not wasted in call transfer service.</i>
				b ₁	Restriction check based on the caller's restriction class when the outgoing trunk is using the No. 7 CCIS in a tandem connection. 0/1 = No Check/Check
				b ₂	Not used
				b ₃	Not used
				b ₄	Serial Call-Loop Release 0/1 = Out/In Service
				b ₅	Clearing of the buffer memory for use in the centralized management report (for CCIS). 0/1 = Not Necessary/Necessary
				b ₆	CCIS or ISDN 0/1 = Out/In Service
		b ₇	Centralized Billing Office Code 0/1 = Ineffective/Effective		
	187	00			Data Bus used for CCH/DCH cards 0/1 = PM Bus/ISDN Bus

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	188			b ₀	No. 7 CCIS Control System Interoffice Audit Test 0/1 = Required/Not Required Note 1: <i>This system data becomes valid only when activating TRK Ineffective Hold Check function of the periodic test.</i> Note 2: <i>In No. 7 CCIS service, IAI signal is sent out to the called side office in an outgoing connection.</i>
				b ₁	MJ/MN lamp on a display panel in the Main office is controlled by error information from Satellite office. 0/1 = Not Required/Required
				b ₂	Not used
				b ₃	
				b ₄	
				b ₅	
				b ₆	
		b ₇			
	189		0	b ₀	Not used
			0	b ₁	
			0	b ₂	
			0	b ₃	
				b ₄	ACM, UMB Signal "No-Receiving" Timer
				b ₅	
			b ₆		
	b ₇	 MTC: MISC TIMER COUNTER Timer Value = 2 sec × MTC (The timer value is the default value 4 seconds when MTC = 0.) Note 3: <i>If the IAI signal reaches the called side office, the ACM signal is received from the called side office. This timer is to be set when the arrival of the ACM signal may be delayed in a tandem connection, etc. (Standard Assignment = "50 HEX")</i>			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS			
			DATA 0/1	BIT				
1	190			b ₀	I/O = Port designation to Host Computer $\begin{matrix} \underline{b_2} & \underline{b_1} & \underline{b_0} & & \underline{b_2} & \underline{b_1} & \underline{b_0} \\ 0 & 0 & 0 & = & \text{Port 0} & 0 & 1 & 1 & = & \text{Port 3} \\ 0 & 0 & 1 & = & \text{Port 1} & 1 & 0 & 0 & = & \text{Port 4} \\ 0 & 1 & 0 & = & \text{Port 2} & 1 & 0 & 1 & = & \text{Port 5} \\ & & & & & 1 & 1 & 0 & = & \text{Port 6} \\ & & & & & 1 & 1 & 1 & = & \text{Port 7} \end{matrix}$	ATT0 Port (for Hotel system)		
				b ₁				
				b ₂				
			0	b ₃			Not used	
			0	b ₄				
			0	b ₅				
			0	b ₆			$\underline{b_7} \quad \underline{b_6}$	
			0	b ₇			0 0 : Port is not used. 0 1 : Port is used.	
	191			0	b ₀	I/O = Port designation to Host Computer $\begin{matrix} \underline{b_2} & \underline{b_1} & \underline{b_0} & & \underline{b_2} & \underline{b_1} & \underline{b_0} \\ 0 & 0 & 0 & = & \text{Port 0} & 0 & 1 & 1 & = & \text{Port 3} \\ 0 & 0 & 1 & = & \text{Port 1} & 1 & 0 & 0 & = & \text{Port 4} \\ 0 & 1 & 0 & = & \text{Port 2} & 1 & 0 & 1 & = & \text{Port 5} \\ & & & & & 1 & 1 & 0 & = & \text{Port 6} \\ & & & & & 1 & 1 & 1 & = & \text{Port 7} \end{matrix}$	ATT1 Port (for Hotel system)	
				0	b ₁			
				0	b ₂			
				0	b ₃			Not used
				0	b ₄			
				0	b ₅			
				0	b ₆			$\underline{b_7} \quad \underline{b_6}$
				0	b ₇			0 0 = Port is not used. 0 1 = Port is used.
	192			0	b ₀	Not used		
				0	b ₁			
					b ₂	0/1 = -/SP #0 is mounted on the CMG for IPX-UMG system		
					b ₃	0/1 = -/SP #1 is mounted on the CMG for IPX-UMG system		
					b ₄	0/1 = -/CMP #0 is mounted on the CMG for IPX-UMG system		
					b ₅	0/1 = -/CMP #1 is mounted on the CMG for IPX-UMG system		
				0	b ₆	Not used		
				0	b ₇			
193	00			Not used				

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	194	01	1	b ₀	For IPX, assign 01 Hex.	
			0	b ₁	Not used	
			0	b ₂	Not used	
			0	b ₃	Not used	
			0	b ₄	Not used	
			0	b ₅	Not used	
			0	b ₆	Not used	
			0	b ₇	Not used	
	195	00			Not used	
	196	00			Not used	
	197	00			Not used	
	198			1	b ₀	For IPX, Module Group 0 Side 0. (For IPX-UMG system) LP00 #0 is mounted on PBI 30 Module (fixed to "1")
					b ₁	For IPX, Module Group 0 Side 1. (For IPX-UMG system) LP00 #1 is mounted on PBI 30 Module
				0	b ₂	Not used
				0	b ₃	
					b ₄	For IPX, Module Group 2 Side 0. (For IPX-UMG system) LP02 #0 is mounted on PBI 34 Module
				0	b ₅	For IPX, Module Group 2 Side 1. (For IPX-UMG system) LP02 #1 is mounted on PBI 34 Module
				0	b ₆	Not used
				0	b ₇	
	199				b ₀	For IPX, Module Group 4 Side 0. (For IPX-UMG system) LP04 #0 is mounted on PBI 38 Module
					b ₁	For IPX, Module Group 4 Side 1. (For IPX-UMG system) LP04 #1 is mounted on PBI 38 Module
				0	b ₂	Not used
				0	b ₃	
					b ₄	For IPX, Module Group 6 Side 0. (For IPX-UMG system) LP06 #0 is mounted on PBI 3C Module
					b ₅	For IPX, Module Group 6 Side 1. (For IPX-UMG system) LP06 #1 is mounted on PBI 3C Module
				0	b ₆	Not used
				0	b ₇	

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	200			b ₀	LP08 #0 is mounted on PBI40 Module for IPX-UMG system	
				b ₁	LP08 #1 is mounted on PBI40 Module for IPX-UMG system	
			0	b ₂	Not used	
			0	b ₃		
				b ₄	LP10 #0 is mounted on PBI44 Module for IPX-UMG system	
				b ₅	LP10 #1 is mounted on PBI44 Module for IPX-UMG system	
			0	b ₆	Not used	
			0	b ₇		
	201				b ₀	LP12 #0 is mounted on PBI48 Module for IPX-UMG system
					b ₁	LP12 #1 is mounted on PBI48 Module for IPX-UMG system
				0	b ₂	Not used
				0	b ₃	
					b ₄	LP14 #0 is mounted on PBI4C Module for IPX-UMG system
					b ₅	LP14 #1 is mounted on PBI4C Module for IPX-UMG system
				0	b ₆	Not used
				0	b ₇	
	202				b ₀	LP16 #0 is mounted on PBI50 Module for IPX-UMG system
					b ₁	LP16 #1 is mounted on PBI50 Module for IPX-UMG system
				0	b ₂	Not used
				0	b ₃	
					b ₄	LP18 #0 is mounted on PBI54 Module for IPX-UMG system
					b ₅	LP18 #1 is mounted on PBI54 Module for IPX-UMG system
				0	b ₆	Not used
				0	b ₇	
	203				b ₀	LP20 #0 is mounted on PBI58 Module for IPX-UMG system
					b ₁	LP20 #1 is mounted on PBI58 Module for IPX-UMG system
				0	b ₂	Not used
				0	b ₃	
				b ₄	LP22 #0 is mounted on PBI5C Module for IPX-UMG system	
				b ₅	LP22 #1 is mounted on PBI5C Module for IPX-UMG system	
0				b ₆	Not used	
0				b ₇		
204				b ₀	LP24 #0 is mounted on PBI60 Module for IPX-UMG system	
				b ₁	LP24 #1 is mounted on PBI60 Module for IPX-UMG system	
			0	b ₂	Not used	
			0	b ₃		
				b ₄	LP26 #0 is mounted on PBI64 Module for IPX-UMG system	
				b ₅	LP26 #1 is mounted on PBI64 Module for IPX-UMG system	
			0	b ₆	Not used	
			0	b ₇		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	205			b ₀	LP28 #0 is mounted on PBI68 Module for IPX-UMG system		
				b ₁	LP28 #1 is mounted on PBI68 Module for IPX-UMG system		
			0	b ₂	Not used		
			0	b ₃			
				b ₄	LP30 #0 is mounted on PBI6C Module for IPX-UMG system		
				b ₅	LP30 #1 is mounted on PBI6C Module for IPX-UMG system		
			0	b ₆	Not used		
			0	b ₇			
	206	00			Not used		
	207				b ₀	IP00 System #0 0/1 = Not mounted/Mounted	
					b ₁	IP00 System #1 0/1 = Not mounted/Mounted	
					b ₂	IP01 System #0 0/1 = Not mounted/Mounted	
					b ₃	IP01 System #1 0/1 = Not mounted/Mounted	
					b ₄	IP02 System #0 0/1 = Not mounted/Mounted	
					b ₅	IP02 System #1 0/1 = Not mounted/Mounted	
					b ₆	Not used	
					b ₇	Not used	
	208	00			Not used		
	209				b ₀	Processor Bus No. 0 (Usually assign as "1".)	Processor Bus Indication (for IPX-UMG system). 0 = Not Mounted 1 = Mounted
					b ₁	Processor Bus No. 1 (Usually assign as "1".)	
				0	b ₂ -b ₆	Not used	
				1	b ₇	If both TSWs in MG are defective, the following functions are activated: <ul style="list-style-type: none"> • PFT service • TSW Fault Message Output • Automatic Recover of TSW 0/1 = Not Required/Required	

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	210	00			Not used	
	?	?			?	
	213	00			Not used	
	214	00		b ₀	Not used	
				b ₁		
				b ₂		
				b ₃		
				b ₄		
				b ₅	Node Suppression - Centralized Billing CCIS 0/1 = Out/In Service	
				b ₆	Not used	
		b ₇				
	215	00			Not used	
	?				?	
	219	00			Not used	
	220			b ₀	Protocol of ISDN Terminal (BRI station) 0:Japan (INS64) 1:U.S.A. (5ESS) 2:Australia (TPH 1962) 3:Not used 4:Not used 5:N-ISDN1 6-15:Not used	
				b ₁		
				b ₂		
				b ₃		
				b ₄		Rate Adaption (RA) for ISDN Terminal 0: RA designated by ADA2 command 1: V.110/X.30 2: Not used 3: Not used
				b ₅		
0			b ₆	ISDN service (When Index 186 bit6 = 1) 0/1 = In Service/Out of Service		
	b ₇	ISDN Trunk Layer3 Timer 0/1 = Stop/Activate Note: Normally assign "0." (Only specific service needs data "1" in this bit.) Related Layer3 Timer: T303, T310, T313.				
221	00			Not used		
?	?			?		
228	00			Not used		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	229	00	0	b ₀	Disable Attendant Console Loop keys when that console is in Night Mode (Nite Key engaged) 0/1 = No/Yes	
			0	b ₁	Not used	
				b ₂	With the key pad pressed by the Attendant while talking with the incoming call, DTMF (PB) signal is sent out to the incoming call. 0/1 = Not Required/Required	
				b ₃	Day/Night Change Message Automatic Output. 0/1 = Out/In Service	
			0	b ₄	Not used	
				b ₅		
				b ₆		
				b ₇		
	230			b ₀ ~b ₆	Not used	
				b ₇	Receive/Send timing for ISDN/CCIS message 0/1 = 32ms/128ms	
	231	00			Not used	
	232				b ₀	Call Forward All Clear 0/1 = No/Yes
					b ₁	Call Forward Busy Clear 0/1 = No/Yes
					b ₂	Call Forward No Answer Clear 0/1 = No/Yes
					b ₃	Not used
				b ₄		
				b ₅		
				b ₆		
	b ₇					
233	00			Not used		

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	234			b ₀	Connection acknowledge polarity reversal signal 0/1 = Not Required/Required (Multi-Frequency)
			0	b ₁	Not used
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
		b ₇			
	235	00			Not used
	236	00			Not used
	237			0	b ₀ -b ₆	Not used
				b ₇	When a call terminated to vacant number by Direct Inward Dialing 0/1 = Send Busy Tone/Reorder Tone
238	00			Not used	
239	00			Not used	

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	240		0	b ₀	Not used
			0	b ₁	
			0	b ₂	
			0	b ₃	
				b ₄	<p>This bit defines the meaning of the “Station Information” in the office that has VMS/Host Computer within the CCIS No. 7 Network.</p> <p>0 = Station Information = Office Code + Station Number 1 = Station Information = Station Number</p> <p>Note: <i>Station Information corresponds to Mail Box in VMS Office Code indicates the self office code assigned by ARNP.</i></p> <p>Example:</p> <pre> graph LR PBX1[Office Code: 8 STN 3000] --- CCIS --- PBX2[Office Code: 7 STN 2000] PBX1 --- CCIS --- PBX3[Office Code: 6 STN 1000] PBX2 --- CCIS --- PBX3 PBX3 --- VMS[VMS] </pre> <p>Pattern 1STAMail Box Number</p> <p>1000</p> <p>2000</p> <p>3000</p> <p>In case of pattern 1, b₄ is 1</p> <p>Pattern 2STAMail Box Number</p> <p>61000</p> <p>72000</p> <p>83000</p> <p>In case of pattern 2, b₄ is 0.</p>
				b ₅ -b ₆	Not used
				b ₇	<p>The Kind of tone after dialing Remote Access number for Remote Access to System</p> <p>0/1: SST /SPDT</p>

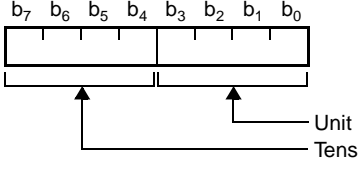
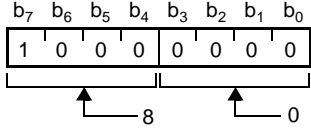
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	241			b ₀	Data Port Chime Control by SCF 0/1 = To be controlled/Not to be controlled																																																			
				b ₁	The number of digits displayed in Name Display Service 0/1 = 8 digits/16 digits																																																			
				b ₂	OAI Call Event Process 0/1 = No/Yes																																																			
				b ₃	Detail Information on SCG error 0/1 = No/Yes																																																			
				b ₄	MF ANI on SMDR 0/1 = No/Yes																																																			
				b ₅	Privacy Release for single line 0/1 = No/Yes																																																			
				b ₆	When the length of Caller ID exceeds the limit: 0/1 = Only the former/latter part of data appears on the LCD																																																			
				b ₇	Not used																																																			
	242			b ₀	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0 – 15).	Timer for Delay Announcement – Attendant (Duration of RBT) Timer Value Setting is MTC × TC sec. Note: <i>When this data is 00 Hex, default data is automatically set to 30 sec.</i>																																																		
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table style="display: inline-table; border: none;"> <tr> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>–</td> <td><u>b₆</u></td> <td><u>b₅</u></td> <td><u>b₄</u></td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>–</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>–</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>–</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>–</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>–</td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–	0	0	0	=	–	1	0	0	=	–	0	0	1	=	–	1	0	1	=	–	0	1	0	=	–	1	1	0	=	–	0	1	1	=	2 sec.	1	1	1	=	–
			<u>b₆</u>	<u>b₅</u>			<u>b₄</u>	=	–	<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	–																																										
			0	0			0	=	–	1	0	0	=	–																																										
0	0	1	=	–	1	0	1	=	–																																															
0	1	0	=	–	1	1	0	=	–																																															
0	1	1	=	2 sec.	1	1	1	=	–																																															
	b ₅																																																							
	b ₆																																																							
	b ₇	Not used																																																						
243	00			Ans. timer for transfer trunk. Same format as 242. The default is 64 sec																																																				

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																			
			DATA 0/1	BIT																																																				
1	244			b ₀	Answer by Radio Paging answer code. 0/1 = Out/In Service Note: This bit is valid when SYS-1, INDEX 73, Bit 4 is 1 (= Station Number is Automatically sent).																																																			
			0	b ₁	Not used																																																			
				b ₂	MCI-CCIS output packet change when the last digit is “*.” 0/1 = -/route number and trunk number are output																																																			
			0	b ₃ , b ₄	Not used																																																			
				b ₅	Timing of providing the announcement for Delay Announcement -Attendant 0 = immediately after the call termination 1 = after the ring back tone (SYS1, INDEX242)																																																			
				b ₆	Hooking operation during 3-party conference call; 0 = - 1 = Hooking operation is invalid Note: This data is available since Release 9 software.																																																			
			0	b ₇	Not used																																																			
	245			b ₀	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0-15).	<p>Timer for Delay Announcement – Attendant (Duration of Music on Hold)</p> <p>Note: When this data is 00 Hex, default data is automatically set to 30 sec.</p>																																																		
				b ₁																																																				
				b ₂																																																				
				b ₃																																																				
				b ₄	Timer Class (TC) is to be assigned one of the following values: <table border="0"> <tr> <td>b₆</td> <td>b₅</td> <td>b₄</td> <td>=</td> <td>-</td> <td>b₆</td> <td>b₅</td> <td>b₄</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> <td>1</td> <td>0</td> <td>1</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> <td>1</td> <td>1</td> <td>0</td> <td>=</td> <td>-</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>=</td> <td>2 sec.</td> <td>1</td> <td>1</td> <td>1</td> <td>=</td> <td>-</td> </tr> </table>		b ₆	b ₅	b ₄	=	-	b ₆	b ₅	b ₄	=	-	0	0	0	=	-	1	0	0	=	-	0	0	1	=	-	1	0	1	=	-	0	1	0	=	-	1	1	0	=	-	0	1	1	=	2 sec.	1	1	1	=	-
			b ₆	b ₅			b ₄	=	-	b ₆	b ₅	b ₄	=	-																																										
			0	0			0	=	-	1	0	0	=	-																																										
0	0	1	=	-		1	0	1	=	-																																														
0	1	0	=	-	1	1	0	=	-																																															
0	1	1	=	2 sec.	1	1	1	=	-																																															
	b ₅																																																							
	b ₆																																																							
	b ₇	Not used																																																						

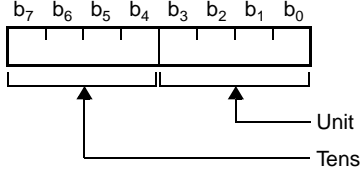
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																																																							
			DATA 0/1	BIT																																																																																								
1	246			b ₀	While engaging in a two-party call with a station/trunk, the Attendant places the call on hold by pressing either the ANSWER key or the Incoming Call Identification (ICI) key and answers the next call. 0/1 = Not Available/Available																																																																																							
				b ₁	While engaging in a three-way call with station/trunks, the Attendant exits from the call by depressing either ANSWER key or ICI key and answers an incoming call terminated next. 0/1 = Not Available/Available																																																																																							
			0	b ₂	Attendant Delay Announcement 0/1= Multiple Playback/Single Playback																																																																																							
				b ₃	MCI Expansion 0/1 = Normal/Expanded																																																																																							
				b ₄	Process of incoming calls (Ring Down), after they encounter their 1st and 2nd receiver time-out, in a sequence of Automated Attendant 0/1 = Forced Release/Transfer to ATT																																																																																							
				b ₅	Expanded 911 service 0/1 = No/Yes																																																																																							
				b ₆	OAS Message Type																																																																																							
				b ₇	0/1 = Normal/IBM Call Path																																																																																							
	247			b ₀ ~ b ₃	Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to F Hex (0~15)	No Answer Timer for Blind Transfer-station Timer Value Setting is MTC × TC sec. Note: When this data is 00 hex, default data is automatically set to 30 sec.																																																																																						
				b ₄ ~ b ₇	Timer Class (TC) is to be assigned one of the following values: <table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="text-align: center;"><u>b₆</u></td> <td style="text-align: center;"><u>b₅</u></td> <td style="text-align: center;"><u>b₄</u></td> <td style="padding: 0 10px;">=</td> <td style="padding: 0 10px;">-</td> <td style="padding: 0 10px;">-</td> <td style="padding: 0 10px;">-</td> <td style="padding: 0 10px;">-</td> <td style="padding: 0 10px;">-</td> <td style="padding: 0 10px;">-</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	-	-	-	-	-	0	0	0						1	0	0										0	0	1						1	0	1										0	1	0						1	1	0										0	1	1						1	1	1					
<u>b₆</u>	<u>b₅</u>	<u>b₄</u>	=	-	-	-	-	-	-																																																																																			
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0	1	1						1	1	1																																																																																		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	248		0	b ₀ ~ b ₃	Not used
				b ₄	Call Forward Don't Answer After Attendant Camp-On 0/1 = No/Yes
				b ₅	Not used
				b ₆	When the destination station has been set Call Forwarding - Don't Answer 0 = Recall to the station 1 = C.F. – Don't Answer is activated. Note: Available for software Release 9 or later.
				b ₇	Tone to be sent out when the handset is off-hook at the station on which C.F. – All Calls service is set. 0/1 = Dial Tone (DT)/Special Dial Tone (SPDT)
	249			b ₀ ~ b ₇	<p>SMDR output buffer usage rate (01–99%) at the time of output of SMDR Buffer Overflow Alarm message (System Message 6-O)</p> <p>Note 1</p>  <p>Example:</p>  <p>Indicates that the usage rate has been set to 80%.</p>

Note 1: When this data has been set as specified below, the alarm message output value becomes 80% and the alarm message output clear message output value becomes 50% regardless of the data.

- When the data of INDEX 249 is smaller than or equal to the data of INDEX 250
- When these data values are not valid.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	250			b ₀ ~ b ₇	<p>SMDR output buffer usage rate (00~98%) at the time of output of SMDR Buffer Overflow Alarm Clear message (System Message 6-P)</p>  <p>Note: When this data has been set as specified below, the alarm message output value becomes 80% and the alarm message clear message output value becomes 50% regardless of the data.</p> <ul style="list-style-type: none"> When the data of INDEX 249 is smaller than or equal to the data of INDEX 250. When these data values are not valid. 		
	251	00			Not used		
	252		0	b ₀ ~ b ₇			
	253		0	b ₀ ~ b ₇			
	254		0	b ₀ ~ b ₇			
	255		0	b ₀ ~ b ₇			
			0	b ₀			
	256			0	b ₁	HDD Mounted = 1 (fixed)	
				1	b ₂		
				0	b ₃		Not used
					b ₄		IOC0 0/1 = Not Mounted/Mounted
				b ₅	IOC1 0/1 = Not Mounted/Mounted		
0				b ₆	Not used		
0				b ₇			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	257			b ₀	DLKC Circuit Card for Attendant Console (ATTCON) 0/1 = Not Exist in system/Exist in system Note 1, Note 2	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	258	00			Not used	
	∴	∴			∴	
	260	00			Not used	
	261				b ₀	Not used
				0	b ₁	
				0	b ₂	
				0	b ₃	
0				b ₄		
0				b ₅		
0				b ₆		
0				b ₇		
262	00			Not used		
∴	∴			∴		
287	00			Not used		

Note 1: Fixed to data "0" for I-IMG system, whether the ATTCON is used or not.

Note 2: This data won't be valid unless it has been assigned before the system initialization.

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS			
			DATA 0/1	BIT				
1	288			b ₀	Output Port for SMDR A Apparatus <ul style="list-style-type: none"> When b₄ = 0 (IOC equipment No. 0) <ul style="list-style-type: none"> b₀ = Port 0 b₁ = Port 1 b₂ = Port 2 b₃ = Port 3 When b₄ = 1 (IOC equipment No. 1) <ul style="list-style-type: none"> b₀ = Port 4 b₁ = Port 5 b₂ = Port 6 b₃ = Port 7 “1” is to be assigned to each bit corresponding to the Port No. Note 1, Note 2, Note 3			
				b ₁				
				b ₂				
				b ₃				
				b ₄				
			0	b ₅		Expanded SMDR for “A” apparatus.		
			0	b ₆		Not used		
			0	b ₇				
	289				b ₀	Fault detection timer of SMDR A Value for the first digit (min): (0~9) Hex A~F Hex: Not used	<ul style="list-style-type: none"> Timer value ranges from 1 to 99 minutes. 00 Hex: Without fault detection Normally, Assign 00 Hex.	
					b ₁			
					b ₂			
					b ₃			
					b ₄			Fault detection timer of SMDR A Value for the second digit (min): (0~9) Hex A~F Hex: Not used
					b ₅			
					b ₆			
					b ₇			
	290				b ₀	Output Port for SMDR B Apparatus <ul style="list-style-type: none"> When b₄ = 0 (IOC equipment No. 0) <ul style="list-style-type: none"> b₀ = Port 0 b₁ = Port 1 b₂ = Port 2 b₃ = Port 3 When b₄ = 1 (IOC equipment No. 1) <ul style="list-style-type: none"> b₀ = Port 4 b₁ = Port 5 b₂ = Port 6 b₃ = Port 7 “1” is to be assigned to each bit corresponding to the Port No. Note 1, Note 2, Note 3		
					b ₁			
					b ₂			
					b ₃			
					b ₄			
					b ₅		Expanded SMDR for “B” apparatus.	
					b ₆		Not used	
					b ₇			

Note 1: Among the SMDR equipment that has the same IOC equipment number, double assignment of the port is rejected.

Note 2: The ports to be designated by SYS-1, INDEX 288, 290, 292, and 294 are limited to those designated as SMDR by AIOC.

Note 3: This data is assigned at the node to which SMDR with IOC interface is connected. In case SMDR is not connected to the node, this data setting is fixed to “0”.

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	291			b ₀	Fault detection timer of SMDR B Value for the first digit (min): (0~9) Hex A~F Hex: Not used	<ul style="list-style-type: none"> • Timer value ranges from 1 to 99 minutes. • 00 Hex: Without fault detection Normally, Assign 00 Hex.	
				b ₁			
				b ₂			
				b ₃			
				b ₄	Fault Detection timer of SMDR B Value for the second digit (min): (0~9) Hex A~F Hex: Not used		
				b ₅			
				b ₆			
				b ₇			
	292			b ₀	Output Port for SMDR C Apparatus <ul style="list-style-type: none"> • When b₄ = 0 (IOC equipment No. 0) • b₀ = Port 0 b₁ = Port 1 b₂ = Port 2 b₃ = Port 3 • When b₄ = 1 (IOC equipment No. 1) • b₀ = Port 4 b₁ = Port 5 b₂ = Port 6 b₃ = Port 7 “1” is to be assigned to each bit corresponding to the Port No.	<ul style="list-style-type: none"> • Timer value ranges from 1 to 99 minutes. • 00 Hex: Without fault detection Normally, Assign 00 Hex.	
				b ₁			
				b ₂			
				b ₃			
				b ₄	Note 1: Among the SMDR equipment that has the same IOC equipment number, double assignment of port is rejected. Note 2: The ports to be designated by SYS-1, INDEX 288, 290, 292, and 294 are limited to those designated as SMDR by AIOC. Note 3: This data is assigned at the node to which SMDR with IOC interface is connected. In case SMDR is not connected to the node, this data setting is fixed to “0”.		
				b ₅	Expanded SMDR for “C” apparatus.		
				b ₆	Not used		
				b ₇			
	293				b ₀	Fault detection timer of SMDR C Value for the first digit (min): (0~9) Hex A~F Hex: Not used	<ul style="list-style-type: none"> • Timer value ranges from 1 to 99 minutes. • 00 Hex: Without fault detection Normally, Assign 00 Hex.
					b ₁		
					b ₂		
					b ₃		
					b ₄	Fault detection timer of SMDR C Value for the second digit (min): (0~9) Hex A~F Hex: Not used	
				b ₅			
				b ₆			
				b ₇			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	294			b ₀	Output Port for SMDR D Apparatus • When b ₄ = 0 (IOC equipment No. 0) • b ₀ = Port 0 b ₁ = Port 1 b ₂ = Port 2 b ₃ = Port 3 • When b ₄ = 1 (IOC equipment No. 1) • b ₀ = Port 4 b ₁ = Port 5 b ₂ = Port 6 b ₃ = Port 7 “1” is to be assigned to each bit corresponding to the Port No. Note 1: Among the SMDR equipment that has the same IOC equipment number, double assignment of port is rejected. Note 2: The ports to be designated by SYS-1, INDEX 288, 290, 292, and 294 are limited to those designated as SMDR by AIOC. Note 3: This data is assigned at the node to which SMDR with IOC interface is connected. In case SMDR is not connected to the node, this data setting is fixed to “0”.		
				b ₁			
				b ₂			
				b ₃			
				b ₄			
				b ₅		Expanded SMDR for “D” apparatus.	
				b ₆		Not used	
		b ₇					
	295				b ₀	Fault detection timer of SMDR D Value for the first digit (min): (0~9) Hex A~F Hex: Not used Fault detection timer of SMDR D Value for the second digit (min): (0~9) Hex A~F Hex: Not used	<ul style="list-style-type: none"> • Timer value ranges from 1 to 99 minutes. • 00 Hex: Without fault detection Normally, Assign 00 Hex.
					b ₁		
					b ₂		
					b ₃		
					b ₄		
					b ₅		
				b ₆			
	b ₇						
296	00				Not used		
?	?				?		
303	00				Not used		

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	304			b ₀	Individual Speed Calling Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
				b ₁	Call Forwarding Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
				b ₂	PCS Data Save 0/1 = Out/In Service	
				b ₃	Name Display Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
				b ₄	User Assign Soft Key Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
				b ₅	Number Sharing Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
				b ₆	Call Block Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
			0	b ₇	Not used	
	305	00			Not used	
	?	?			?	
	320	00			Not used	
	321				b ₀	Inter-Module Group Key Data 0/1 = No/Yes
					b ₁	Step Call While Transfer to Busy Station 0/1 = No/Yes
					b ₂	Termination on My Line 0/1: Not Restricted/Restricted
0				b ₃	Not used	
0				b ₄		
0				b ₅		
0				b ₆		
	b ₇	Voice Call Chime 0/1 = 4/1 Chime				

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
1	322			b ₀	Timing start to dial Attendant Console Assign digit used Note: When SYS-1, INDEX 92, b ₀ = "0" (Individual SYS-2 Table Development), prepare separate SYS-2 Programming Sheets for each Tenant (TN).	Note: Digits 0-9 are used with Index 17, b ₅	
				b ₁			
			0	b ₂			
			0	b ₃			
			0	b ₄	Not used		
				b ₅	Tone to be sent when the handset has been lifted via the Station on which CALL BLOCK service is set. 0/1 = DT/SPDT Note: Valid since the release 5 software.		
				b ₆	Tone to be heard after the access code for Tone Block is dialed 0/1 = SPDT/DT Note: Valid since release 5 software.		
		b ₇	Call Return in case of station-to-station call 0/1 = Out/In Service				
	323	00			Not used		
	?	?			?		
	369	00			Not used		
	370				b ₀	Expanded SMFN service 0/1 = No/Yes	
					b ₁	Delete ARNP RTO on MCI 0/1 = No/Yes	
					b ₂	Non-CCIS originated RT/TK number in SMDR 0/1 = No/Yes	
					b ₃	Att. outbound loop to loop 0/1 = No/Yes	
				b ₄	Release guard timer for S/L		
				b ₅	MTC = 0 × 15 milliseconds		
				b ₆	MTC × 64 milliseconds		
				b ₇	Default 384 milliseconds		
371	00			Not used			
?	?			?			
387	00			Not used			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	388		0	b ₀ - b ₃	Not used
				b ₄	The way to answer the Internal Zone Paging call; 0 = Press the Prime Line key after Off-Hook 1 = Off-Hook Note: Valid for software Release 9 or later.
			0	b ₅ - b ₇	Not used
	389			b ₀ - b ₄	Display Language on D ^{term} LCD Note 0: English 1: Portuguese 2: Spanish 3: French (For Release 9 software) 4-31: Not used Note: When assigning language, data "0" must be set in INDEX78, b4.
			0	b ₅ - b ₇	Not used
				b ₀	Caller ID display pattern on the LCD 0/1 = Calling Name/Calling Number has priority.
	390			b ₁	Displayed information on the Top line of the LCD of the D ^{term} 0/1 = Caller ID/Call type or sub address
				b ₂	Display the Caller ID information on the D ^{term} that assigned the called number as a sub line. 0/1 = Out/In Service
				b ₃	Display of Soft key to be pressed when the station is idle or is in DT connection.
				b ₄	b ₄ b ₃ 0 0 : blink 0 1 : steady-lights 1 0 : Displays the assigned code on 1st column (*1) 1 1 : No Indication
					b ₅	Display of Soft key to be pressed when the station is in communication.
				b ₆	b ₆ b ₅ 0 0 : blink 0 1 : - 1 0 : Displays the assigned code on 1st column (*1) 1 1 : No Indication
			0		b ₇	Not used
	391				Assign the first character to indicate the soft key in use. (See Table 4-2.)
	392 - 438	00			Not used

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 511	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS															
			DATA 0/1	BIT																
1	439			b ₀ - b ₆	Not used															
				b ₇	Station Hunting by call kind 0/1 = Invalid/Valid Note: Available for software Release 9 or later.															
	440-485	00			Not used															
	486			b ₀ ~ b ₂	Maximum number of transfer for Multiple Call Forwarding - CCIS occurrences <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>b₂</u> <u>b₁</u> <u>b₀</u></td> <td style="width: 20px;"></td> <td style="text-align: center;"><u>b₂</u> <u>b₁</u> <u>b₀</u></td> </tr> <tr> <td>0 0 0 = This service is invalid</td> <td></td> <td>1 0 0 = four times</td> </tr> <tr> <td>0 0 1 = once</td> <td></td> <td>1 0 1 = five times</td> </tr> <tr> <td>0 1 0 = twice</td> <td></td> <td>1 1 0 = six times</td> </tr> <tr> <td>0 1 1 = three times</td> <td></td> <td>1 1 1 = seven times</td> </tr> </table> Note: Valid when the node is "Call Forwarding-CCIS" start node. The number of call forwarding within a node is not counted.	<u>b₂</u> <u>b₁</u> <u>b₀</u>		<u>b₂</u> <u>b₁</u> <u>b₀</u>	0 0 0 = This service is invalid		1 0 0 = four times	0 0 1 = once		1 0 1 = five times	0 1 0 = twice		1 1 0 = six times	0 1 1 = three times		1 1 1 = seven times
					<u>b₂</u> <u>b₁</u> <u>b₀</u>		<u>b₂</u> <u>b₁</u> <u>b₀</u>													
	0 0 0 = This service is invalid		1 0 0 = four times																	
0 0 1 = once		1 0 1 = five times																		
0 1 0 = twice		1 1 0 = six times																		
0 1 1 = three times		1 1 1 = seven times																		
			b ₃ ~ b ₇	Not used																
487 - 511	00				Not used															

Table 4-2 Assigned Code in 1st Column

		Upper 4bit															
		0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
Lower 4bit	0	↑	月	↖	0	@	P	`	p	Ç	É	↖	-			α	ρ
	1	↓	日	!	1	A	Q	a	q	ü	≠	。				ä	¶
	2	✖	á	“	2	B	R	b	r	é	Æ	┌				β	θ
	3	☐	í	#	3	C	S	c	s	â	ô	└				ε	∞
	4	☒	ó	\$	4	D	T	d	t	ä	ö	,				μ	Ω
	5	↶	ú	%	5	E	U	e	u	à	ò	•				σ	ü
	6	☐☐	ñ	&	6	F	V	f	v	å	û					ρ	Σ
	7	♪	Ñ	'	7	G	W	g	w	ç	ù					ϕ	π
	8	↖	a	(	8	H	X	h	x	ê	ÿ					√	̄X
	9	↖	o	)	9	I	Y	i	y	ë	Ö					-l	ϣ
	A	↖	ç	*	:	J	Z	j	z	è	Ü					.i	千
	B	↖	┌	+	;	K	[	k	{	ï	Ç					×	万
	C	↖	└	,	<	L	¥	l	|	î	ì					Ç	円
	D	↖	i	-	=	M	]	m	}	ì	¥					₺	÷
	E	↖	«	.	>	N	^	n	→	Ä	Pt					n̄	↖
	F	↖	»	/	?	O	_	o	←	Å	f					ö	■

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																			
				DATA 0/1	BIT																																				
2		0			b ₀	Restriction Data of Station Busy Services can be designated as in the table below: <table border="1"> <thead> <tr> <th>b₁</th> <th>b₀</th> <th>Call Back</th> <th>Executive Right of Way</th> <th>Call Waiting- Originating</th> <th>Voice call (D^{term})</th> <th>Message Reminder (D^{term})</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>R</td> <td>R</td> <td>R</td> <td>R</td> <td>R</td> </tr> <tr> <td>0</td> <td>1</td> <td>A</td> <td>R</td> <td>A</td> <td>A</td> <td>A</td> </tr> <tr> <td>1</td> <td>0</td> <td>R</td> <td>A</td> <td>A</td> <td>A</td> <td>A</td> </tr> <tr> <td>1</td> <td>1</td> <td>A</td> <td>A</td> <td>A</td> <td>A</td> <td>A</td> </tr> </tbody> </table> R: Restricted A: Allowed	b ₁	b ₀	Call Back	Executive Right of Way	Call Waiting- Originating	Voice call (D ^{term})	Message Reminder (D ^{term})	0	0	R	R	R	R	R	0	1	A	R	A	A	A	1	0	R	A	A	A	A	1	1	A	A	A	A	A
				b ₁	b ₀		Call Back	Executive Right of Way	Call Waiting- Originating	Voice call (D ^{term})	Message Reminder (D ^{term})																														
				0	0		R	R	R	R	R																														
				0	1		A	R	A	A	A																														
				1	0		R	A	A	A	A																														
				1	1		A	A	A	A	A																														
				0	b ₂		Not used																																		
					b ₃		Attendant Override service 0/1 = Out/In Service																																		
	b ₄	Busy Verification for Attendant Console service 0/1 = Out/In Service																																							
0	b ₅	Not used																																							
0	b ₆																																								
0	b ₇																																								

SYSTEM	TN
IPX	1 ~ 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS															
				DATA 0/1	BIT																
2		1			b ₀	Call Transfer service															
					b ₁	<table border="0"> <tr> <td>b₁</td> <td>b₀</td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= Out of service</td> </tr> <tr> <td>0</td> <td>1</td> <td>= In service - except Tandem Connection</td> </tr> <tr> <td>1</td> <td>0</td> <td>= In service - only Terminating calls</td> </tr> <tr> <td>1</td> <td>1</td> <td>= In service</td> </tr> </table>	b ₁	b ₀		0	0	= Out of service	0	1	= In service - except Tandem Connection	1	0	= In service - only Terminating calls	1	1	= In service
				b ₁	b ₀																
				0	0	= Out of service															
				0	1	= In service - except Tandem Connection															
				1	0	= In service - only Terminating calls															
				1	1	= In service															
				0	b ₂	Not used															
			b ₃	Toll Restriction for Speed Calling Station/Group services 0/1 = Required/Not Required																	
			b ₄	Toll Restriction (disposition of Restricted Call)																	
			b ₅	<table border="0"> <tr> <td>b₅</td> <td>b₄</td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= Toll Denial (ROT connection)</td> </tr> <tr> <td>0</td> <td>1</td> <td>= Toll Diversion (Terminated to Attendant Console)</td> </tr> <tr> <td>1</td> <td>0</td> <td>= --</td> </tr> <tr> <td>1</td> <td>1</td> <td>= --</td> </tr> </table>	b ₅	b ₄		0	0	= Toll Denial (ROT connection)	0	1	= Toll Diversion (Terminated to Attendant Console)	1	0	= --	1	1	= --		
		b ₅	b ₄																		
		0	0	= Toll Denial (ROT connection)																	
		0	1	= Toll Diversion (Terminated to Attendant Console)																	
		1	0	= --																	
1	1	= --																			
	b ₆	Speed Calling Override Service via (AABD) 0/1 = Out/In Service																			
	b ₇	Speed Calling Override Service (System basis) 0/1 = Follow RSC of Phone/Allowed																			
	b ₀	Sender Signal to DP/PB Route (Station) Note 0/1 = DP/PB																			
	b ₁	Sender Signal to DP/PB Route (Attendant Console) Note 0/1 = DP/PB																			
	b ₂	Attendant Console Day/Night Mode Change																			
	b ₃	<table border="0"> <tr> <td>b₃</td> <td>b₂</td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>= Not Required (External Switch effective)</td> </tr> <tr> <td>0</td> <td>1</td> <td>= Master Attendant Console</td> </tr> <tr> <td>1</td> <td>0</td> <td>= All Attendant Consoles</td> </tr> <tr> <td>1</td> <td>1</td> <td>= --</td> </tr> </table>	b ₃	b ₂		0	0	= Not Required (External Switch effective)	0	1	= Master Attendant Console	1	0	= All Attendant Consoles	1	1	= --				
b ₃	b ₂																				
0	0	= Not Required (External Switch effective)																			
0	1	= Master Attendant Console																			
1	0	= All Attendant Consoles																			
1	1	= --																			
	0	b ₄	Not used																		
		b ₅	Attendant Loop Release service 0/1 = Out/In Service																		
	0	b ₆	Not used																		
		b ₇	Kind of DP sender (when b ₀ = 0) Note 0/1 = 10 PPS/20 PPS																		

SYSTEM	TN
IPX	1 ~ 63

Note: b₀, b₁, and b₇ designate the type of sender signal for outgoing calls placed over routes programmed as "DP/PB" via parameter ONSG (CDN: 2) of command ARTD (Route Class Data).

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		3			b ₀	SMDR service 0/1 = Out/In Service
				0	b ₁	Not used
				0	b ₂	
				0	b ₃	
					b ₄	Account Code when Authorization Code is in service 0/1 = Not Required/Required
					b ₅	Code type 0/1 = Authorization Code/Forced Account Code
				0	b ₆	Not used
					b ₇	Output of SMDR Station-to-Station Connection Data 0/1 = Not Required/Required

SYSTEM	TN
IPX	1 ~ 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 0 - 63	SYSTEM DATA INDEX (INDEX)	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		4			b ₀	Call Back and OG Trunk Queuing Access Code Note 0/1 = Separate/Common
					b ₁	Automatic setting of OG Trunk Queuing service Note When receiving BT, OG Trunk Queuing is set automatically by going on-hook. 0/1 = Not Required/Required
					b ₂	Off-Hook Queuing service for Attendant Console 0/1 = Out/In Service
				0	b ₃	Not used
				0	b ₄	
				0	b ₅	
				0	b ₆	
		0	b ₇			
			b _{0, b₁}	Not used		
			b ₂	When the destination station is busy, Call Back is automatically set after the operating station is released from the connection in Call Transfer - All Calls procedure. 0 = Recall to the mediate station 1 = Camp On Service is set Note: Available for software Release 9 or later.		
0	b _{3 - b₇}	Not used				

SYSTEM	TN
IPX	1 ~ 63

Note: When data "1" is assigned, either SID = 3 or 19 may be assigned via command ASPA.

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 -15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		6			b ₀	Message Center Interface service when terminating to a UCD Group 0/1 = Out/In Service
				0	b ₁	Not used
				0	b ₂	
				0	b ₃	
					b ₄	Call Origination Restriction of Station upon Setting C.F.- All Calls 0/1 = Required/Not Required
					b ₅	Inter-Position Transfer service 0/1 = Out/In Service
				0	b ₆	Not used
	b ₇	C.F.-Don't Answer service when Attendant Console transfers call before called station answers 0/1 = Out Service (Recall to Attendant Console)/In Service				

SYSTEM	TN
IPX	1 ~ 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX)	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		7			b ₀	Busy Lamp Field-Flexible service 0/1 = Out/In Service
					b ₁	Message Center Interface service when terminating Attendant Console 0/1 = Out/In Service
					b ₂	Serial Call service 0/1 = Out/In Service
					b ₃	Supervisory Call service 0/1 = Out/In Service
					b ₄	First Digit of Phantom Station Number for Privacy Expansion
					b ₅	
					b ₆	
	b ₇					

SYSTEM	TN
IPX	1 ~ 63

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA (INDEX) INDEX 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
				DATA 0/1	BIT		
2		8			b ₀	Listed Directory Number (LDN) 0/1 = Exclude/Include	<p>Waiting Call Display (Attendant Console) 0/1 = Exclude/Include</p> <p>Note 1: <i>When an Attendant Console is shared by multiple tenants, Waiting calls are displayed according to the SYS-2 data (INDEXES 8, 9) of the Tenant – accesses the Attendant Console first. (Refer to command ATRK).</i></p> <p>Note 2: <i>When FCCS Service is applied to the system, the common SYS-2 data (INDEX 8, 9) must be assigned to all the Nodes.</i></p>
					b ₁	Operator Call (ATND) 0/1 = Exclude/Include	
					b ₂	Attendant Recall (RCL) 0/1 = Exclude/Include	
					b ₃	Not used	
					b ₄		
					b ₅		
					b ₆	Tie Line (TIE) 0/1 = Exclude/Include	
				b ₇	Call Forwarding-Busy Line (BUSY) 0/1 = Exclude/Include		
		9			b ₀	Call Forwarding – Don't Answer (NANS) 0/1 = Exclude/Include	
					b ₁	Call Forwarding-Intercept (ICPT) 0/1 = Exclude/Include	
					b ₂	Interposition Transfer (TF) 0/1 = Exclude/Include	
					b ₃	Supervisory Call (SP) 0/1 = Exclude/Include	
					b ₄	Do Not Disturb (DND) 0/1 = Exclude/Include	
					b ₅	Guest Call (GST) 0/1 = Exclude/Include	
	b ₆		Emergency Call (EMG) 0/1 = Exclude/Include				
	b ₇	Overtime Call (OT) 0/1 = Exclude/Include					

SYSTEM	TN
IPX	1 ~ 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		10		0	b ₀	Not used
				0	b ₁	
				0	b ₂	
				0	b ₃	
					b ₄	Procedure for activating Call Waiting – Originating 0 = After hearing BT (SHF + ACC Code) only. 1 = After hearing BT (SHF + ACC Code) and upon going Off-Hook (ACC Code + Station No.) When activating this feature via dialing ACC Code + Station No., assign the access code of Call waiting - Originating by ASPA, CI = N.
				0	b ₅	Not used
					b ₆	Call Waiting-Terminating service (Automatic setting of Call Waiting) 0/1 = Out/In Service
	b ₇	Call Waiting Tone 0/1 = Once/At Intervals Note: When “1” is assigned, the interval of this tone is assigned in SYS-1, INDEX 152.				

SYSTEM	TN
IPX	1 ~ 63

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		11		0	b ₀	Not used
				0	b ₁	
				0	b ₂	
				0	b ₃	
				0	b ₄	Method of Day/Night mode change
				0	b ₅	b ₅ b ₄ 0 0 = Via ATT Mode change 0 1 = - 1 0 = Via External Switch 1 1 = - (Usually assign "00")
				0	b ₆	Not used
0	b ₇	Disposition of DIT Call when the Station is Busy 0/1 = To Attendant Console/Waiting Note: <i>In Direct-In Termination – CCIS service, the disposition of DIT call is not when the terminated station is busy but when the connected CCIS trunk is busy. When tandem connection is established during the CCIS trunk is in idle state, the call is not terminated to Attendant Console even if the destination station is busy. In this case, the call shall wait until the target station becomes idle. (The C.O. Line call terminated via ISDN network is to be released.)</i>				

SYSTEM	TN
IPX	1 ~ 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
				DATA 0/1	BIT			
2		12			b ₀	Automatic Recall Ringer (D ^{term})-Non-Exclusive Hold 0/1 = Required/Not Required		
					b ₁	Automatic Recall Ringer (D ^{term})-Exclusive Hold 0/1 = Required/Not Required		
				0	b ₂	Not used		
				0	b ₃			
				0	b ₄			
				0	b ₅			
				0	b ₆			
				0	b ₇			
		13					b ₀	Sending SHF Signal from CAS Attendant Console to Satellite office 0/1 = SHF key/SHF key, 1st key Pad, or START key
							b ₁	ATT Status check when Day/Night Mode is changed via External Switch. 0/1 = Required/Not Required Note: <i>When Day/Night Mode is changed via CAS-Satellite, assign data "1".</i>
						0	b ₂	Not used
						0	b ₃	
						0	b ₄	
						0	b ₅	
0	b ₆							
0	b ₇							

SYSTEM	TN
IPX	1 ~ 63

SYSTEM DATA TYPE (SYS)	TENANT NUMBER	SYSTEM DATA INDEX (INDEX) 1 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																																																																										
				DATA 0/1	BIT																																																																																											
2		14			b ₀	CW Lamp on Attendant Console - Threshold CW Lamp flashes when the number of Calls Waiting is greater than or equal to this data.																																																																																										
					b ₁																																																																																											
					b ₂																																																																																											
					b ₃	<table border="0"> <tr> <td><u>b₃</u></td> <td><u>b₂</u></td> <td><u>b₁</u></td> <td><u>b₀</u></td> <td></td> <td><u>b₃</u></td> <td><u>b₂</u></td> <td><u>b₁</u></td> <td><u>b₀</u></td> <td></td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>= No flash</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td> <td>= 8 calls</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>1</td> <td>= 1 call</td> <td>1</td> <td>0</td> <td>0</td> <td>1</td> <td>= 9 calls</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>= 2 calls</td> <td>1</td> <td>0</td> <td>1</td> <td>0</td> <td>= 10 calls</td> </tr> <tr> <td>0</td> <td>0</td> <td>1</td> <td>1</td> <td>= 3 calls</td> <td>1</td> <td>0</td> <td>1</td> <td>1</td> <td>= 11 calls</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>= 4 calls</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> <td>= 12 calls</td> </tr> <tr> <td>0</td> <td>1</td> <td>0</td> <td>1</td> <td>= 5 calls</td> <td>1</td> <td>1</td> <td>0</td> <td>1</td> <td>= 13 calls</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>0</td> <td>= 6 calls</td> <td>1</td> <td>1</td> <td>1</td> <td>0</td> <td>= 14 calls</td> </tr> <tr> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>= 7 calls</td> <td>1</td> <td>1</td> <td>1</td> <td>1</td> <td>= 15 calls</td> </tr> </table>	<u>b₃</u>	<u>b₂</u>	<u>b₁</u>	<u>b₀</u>		<u>b₃</u>	<u>b₂</u>	<u>b₁</u>	<u>b₀</u>		0	0	0	0	= No flash	1	0	0	0	= 8 calls	0	0	0	1	= 1 call	1	0	0	1	= 9 calls	0	0	1	0	= 2 calls	1	0	1	0	= 10 calls	0	0	1	1	= 3 calls	1	0	1	1	= 11 calls	0	1	0	0	= 4 calls	1	1	0	0	= 12 calls	0	1	0	1	= 5 calls	1	1	0	1	= 13 calls	0	1	1	0	= 6 calls	1	1	1	0	= 14 calls	0	1	1	1	= 7 calls	1	1	1	1	= 15 calls
				<u>b₃</u>		<u>b₂</u>	<u>b₁</u>	<u>b₀</u>		<u>b₃</u>	<u>b₂</u>	<u>b₁</u>	<u>b₀</u>																																																																																			
				0		0	0	0	= No flash	1	0	0	0	= 8 calls																																																																																		
				0		0	0	1	= 1 call	1	0	0	1	= 9 calls																																																																																		
0	0	1	0	= 2 calls	1	0	1	0	= 10 calls																																																																																							
0	0	1	1	= 3 calls	1	0	1	1	= 11 calls																																																																																							
0	1	0	0	= 4 calls	1	1	0	0	= 12 calls																																																																																							
0	1	0	1	= 5 calls	1	1	0	1	= 13 calls																																																																																							
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0	1	1	1	= 7 calls	1	1	1	1	= 15 calls																																																																																							
	b ₄	Calls that activate CW Lamp Flash 0/1 = All Calls/Only the types of Calls specified in SYS-2, INDEXes 8 and 9																																																																																														
0	b ₅	Not used																																																																																														
0	b ₆																																																																																															
0	b ₇																																																																																															

SYSTEM	TN
IPX	1 - 63

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	TENANT NUMBER (TN) 1 - 63	SYSTEM DATA INDEX (INDEX) 0 - 15	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
				DATA 0/1	BIT	
2		15		0	b ₀	Not used
				0	b ₁	Attendant Overflow Service 0/1 = No/Yes
				0	b ₂	Not used
					b ₃	Destination restriction for an outgoing trunk call originated by Passing Dial Tone service 0/1 = Effective/Ineffective
					b ₄	The office that determines the transfer destination number in Call Forwarding Assignment-Attendant Service. 0/1 = Office that sets this service/Office in which the transferring station is located. Note
				0	b ₅	Not used
				0	b ₆	
				0	b ₇	

SYSTEM	TN
IPX	1 ~ 63

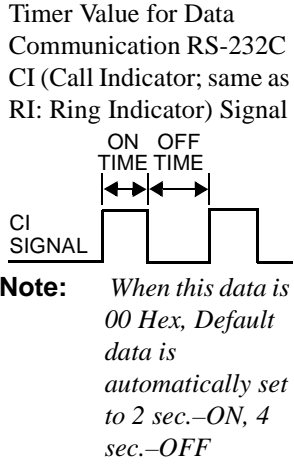
Note: When the numbering plans within the CCIS Network are unified, assign “0” to this data; otherwise assign “1.”

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 31	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
3	0			b ₀	ON Time is to be assigned a value from 1 Hex to F Hex (1~15). (Unit of Time is Second.)	Timer Value for Ringer used for Incoming Trunk Calls (Ringer Pattern 0) Note: Normally, this Index is assigned data 21 Hex. (1 sec.-ON, 2 sec.-OFF)	
				b ₁			
				b ₂			
				b ₃			
				b ₄	OFF Time is to be assigned a value from 1 Hex to F Hex (1~15). (Unit of Time is Second.)		
				b ₅			
				b ₆			
				b ₇			
	1				b ₀	ON Time is to be assigned a value from 1 Hex to F Hex (1~15). (Unit of Time is Second.)	Timer Value for Ringer used for Station Calls (Ringer Pattern 1) Note: Normally, this Index is assigned data 42 Hex. (2 sec.-ON, 4 sec.-OFF)
					b ₁		
					b ₂		
					b ₃		
					b ₄	OFF Time is to be assigned a value from 1 Hex to F Hex (1~15). (Unit of Time is Second.)	
					b ₅		
					b ₆		
					b ₇		
	2				b ₀	Station Release Timer (TS) is to be assigned a value from 1 Hex to F Hex (1~15). (Release timing when connected to an ORT)	Note: Normally, this Index is assigned data 91 Hex. (TS = 120 msec., TL = 1080 msec.)
					b ₁		
					b ₂	Timer Value Setting is (TS) × 120 msec.	
					b ₃		
					b ₄	Hooking Timer (TL) is to be assigned a value from 1 Hex to F Hex (1~15). (SHF maximum timing)	
				b ₅			
				b ₆	Timer Value Setting is (TL) × 120 msec.		
				b ₇			

ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 31	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
3	3			b ₀	2 Burst (0.4 sec.-ON, 0.2 sec.-OFF, 0.4 sec.-ON) on the ON Time for Ringer Pattern 0 0/1 = Not Required/Required		
				b ₁	2 Burst (0.4 sec.-ON, 0.2 sec.-OFF, 0.4 sec.-ON) on the ON Time for Ringer Pattern 1 0/1 = Not Required/Required		
			0	b ₂	Not used		
			0	b ₃			
			0	b ₄			
					b ₅	3 Burst (0.4 sec.-ON, 0.2 sec.-OFF, 0.8 sec.-ON, 0.2 sec.-OFF, 0.4 sec.-ON) on the ON Time for Ringer Pattern 5 0/1 = Not Required/Required	
			0	b ₆	Not used		
			0	b ₇	Allow Bit 0 to be reset to 0 0/1 = No/Yes		
	4	00		Not used			
	5	00		Not used			
	6	00		Not used			
	7			b ₀	ON time is to be assigned a value from 1 Hex to F Hex (1-15). (Unit of Time is Second.)		Timer Value for Ringer used for Call Back, OG Trunk Queuing, Call Waiting, and Auto/Dial Intercom (Ringer Pattern 5). Note: <i>When this data is 00 Hex, ROM data (2 sec.-ON, 4 sec.-OFF) is automatically set.</i>
				b ₁			
				b ₂			
b ₃							
b ₄	OFF time is to be assigned a value from 1 Hex to F Hex (1-15). (Unit of Time is Second.)						
b ₅							
b ₆							
b ₇							
8	00		Not used				
9	00		Not used				
10	00		Not used				

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 31	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS		
			DATA 0/1	BIT			
3	11			b ₀	PBST: PB signal (DTMF) timer for D ^{term} and desk console. This data is to be assigned from 0 Hex to F Hex (0~15). Timer Value setting is (PBST + 1) × 128 msec.		
				b ₁			
				b ₂			
				b ₃			
			0	b ₄	Not used		
			0	b ₅			
			0	b ₆			
			0	b ₇			
	12				b ₀	ON Time is to be assigned a value from 1 Hex to F Hex (1~15). (Unit of Time is Seconds.)	
					b ₁		
					b ₂		
					b ₃		
						b ₄	OFF Time is to be assigned a value from 1 Hex to F Hex (1-15). (Unit of Time is Seconds.)
						b ₅	
						b ₆	
						b ₇	
	13	00			Not used		
	14	00			Not used		
	15	00			Not used		
	16	00			Not used		
	17	00			Not used		
	18	00			Not used		
	19	00			Not used		
	20	00			Not used		
	21	00			Not used		
	22	00			Not used		
	23	00			Not used		
24	00			Not used			
25	00			Not used			
26	00			Not used			
27	00			Not used			



ASYD : Assignment of System Data

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 - 31	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
3	28	00			Not used
	29	00			Not used
	30	00			Not used
	31	00			Not used

ASYDL: Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																
			DATA 0/1	BIT																	
1	512			b ₀	Fusion Point Code (FPC) of self node in hexadecimal. FPC 1-253 (01 Hex-FD Hex) Note: After assigning/changing the FPC, System Initialization (Non-Load Initialization) is required. Assign only for Fusion Network.																
				b ₁																	
				b ₂																	
				b ₃																	
				b ₄																	
				b ₅																	
				b ₆																	
	513	01		b ₀	Local Data Memory (LDM) usage. Assign “1 (the memory block is used)” to the corresponding bit. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>bit</th> <th>Memory</th> </tr> </thead> <tbody> <tr> <td>b₀</td> <td>Memory Block #0</td> </tr> <tr> <td>b₁</td> <td>Memory Block #1</td> </tr> <tr> <td>b₂</td> <td>Memory Block #2</td> </tr> </tbody> </table>	bit	Memory	b ₀	Memory Block #0	b ₁	Memory Block #1	b ₂	Memory Block #2								
			bit	Memory																	
			b ₀	Memory Block #0																	
			b ₁	Memory Block #1																	
			b ₂	Memory Block #2																	
				b ₁																	
				b ₂																	
		b ₃																			
		b ₄																			
		b ₅																			
		b ₆																			
	514	01		b ₀	Network Data Memory (NDM) usage. Assign “1 (the memory block is used)” to the corresponding bit. <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>bit</th> <th>Memory</th> </tr> </thead> <tbody> <tr> <td>b₀</td> <td>Memory Block #0</td> </tr> <tr> <td>b₁</td> <td>Memory Block #1</td> </tr> <tr> <td>b₂</td> <td>Memory Block #2</td> </tr> <tr> <td>b₃</td> <td>Memory Block #3</td> </tr> <tr> <td>b₄</td> <td>Memory Block #4</td> </tr> <tr> <td>b₅</td> <td>Memory Block #5</td> </tr> <tr> <td>b₆</td> <td>Memory Block #6</td> </tr> </tbody> </table>	bit	Memory	b ₀	Memory Block #0	b ₁	Memory Block #1	b ₂	Memory Block #2	b ₃	Memory Block #3	b ₄	Memory Block #4	b ₅	Memory Block #5	b ₆	Memory Block #6
			bit	Memory																	
			b ₀	Memory Block #0																	
b ₁			Memory Block #1																		
b ₂			Memory Block #2																		
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b ₄			Memory Block #4																		
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	b ₁																				
	b ₂																				
	b ₃																				
	b ₄																				
	b ₅																				
	b ₆																				
	b ₇																				

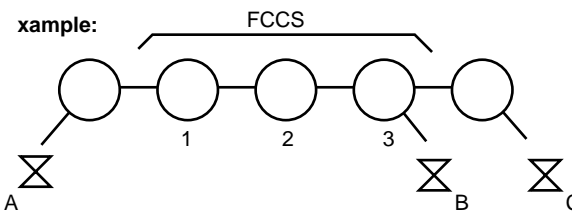
Note 1: Necessary data for the programming using commands for LDM. Usually 01H is assigned.
When the Local Data Memory is not enough, change the value from 03H to 07H.

Note 2: Necessary data for the programming commands for NDM. Usually 01H is assigned.
When the Network Data Memory is not enough, change the value from 03H → 07H → 0FH → 1F.

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS										
			DATA 0/1	BIT											
1	515				IP Address (Hex) for PBX over External LAN Note: <i>This data is valid when the PBX is connected to the external PC.</i>										
	516														
	517														
	518				When default IP address (172. 16. 253. 0) for the PBX is used, this data setting is not necessary. Example: IP Address: 133. 206. 8. 1 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>INDEX</th> <th>Set Hex</th> </tr> </thead> <tbody> <tr> <td>515</td> <td>85</td> </tr> <tr> <td>516</td> <td>CE</td> </tr> <tr> <td>517</td> <td>08</td> </tr> <tr> <td>518</td> <td>01</td> </tr> </tbody> </table>	INDEX	Set Hex	515	85	516	CE	517	08	518	01
	INDEX	Set Hex													
	515	85													
	516	CE													
	517	08													
	518	01													
	519				Subnet Mask (Hex) for PBX over External LAN Note: <i>This data is valid when the PBX is connected to the external PC.</i> When default IP address (172. 16. 253. 0) for the PBX is used, this data setting is not necessary. Example: Subnet Mask: 255.255.0.0 <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>INDEX</th> <th>Set Hex</th> </tr> </thead> <tbody> <tr> <td>519</td> <td>FF</td> </tr> <tr> <td>520</td> <td>FF</td> </tr> <tr> <td>521</td> <td>00</td> </tr> <tr> <td>522</td> <td>00</td> </tr> </tbody> </table>	INDEX	Set Hex	519	FF	520	FF	521	00	522	00
INDEX	Set Hex														
519	FF														
520	FF														
521	00														
522	00														
520															
521															
522															

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS										
			DATA 0/1	BIT											
1	523				Default Gateway Address of External LAN										
	524				Gateway Address (IP address of Router) of Network connecting PBX.										
	525				<p>Note: This data is valid when the PBX is connected to the external PC LAN.</p> <p>In the case of no Network Gateway, assignment data is 00 Hex. in Index 523 through 526.</p> <p>Example: Default Gateway Address: 133. 206. 8. 254</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>INDEX</th> <th>Set Hex</th> </tr> </thead> <tbody> <tr> <td>523</td> <td>85</td> </tr> <tr> <td>524</td> <td>CE</td> </tr> <tr> <td>525</td> <td>08</td> </tr> <tr> <td>526</td> <td>FE</td> </tr> </tbody> </table>	INDEX	Set Hex	523	85	524	CE	525	08	526	FE
	INDEX	Set Hex													
	523	85													
	524	CE													
	525	08													
	526	FE													
	526														
	527				<p>Designate the maximum number of the tandem node for Fusion connection.</p> <p>example:</p>  <p>to B : 2 (two) tandem nodes to C : 3 (three) tandem nodes</p>										
			$b_0 \sim b_3$												
			b_4	DP (Dial Pulse) relay broadcasting to Fusion Link 0/1 = Invalid/Valid											
			$b_5 \sim b_7$	Not used											

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	528			b ₀	Voice Recognition Services Timer
				b ₁	MTC = 0 - 15 (0h to Fh) seconds
				b ₂	Timer value = MTC × TC
				b ₃	This timer defaults to 30 seconds when 00h is assigned.
				b ₄	Timer Class (TC)
				b ₅	b ₆ b ₅ b ₄ b ₆ b ₅ b ₄ b ₆ b ₅ b ₄ _ _ _ _
				b ₆	0 0 0 = ----011=2 sec.110=-----
				b ₇	0 0 1 1 00 =30 sec.111=----- 0 1 0 = ----101=-----
	529			b ₀	Parity Check Method for SMDR/MCI with LAN Interface
				b ₁	b ₀ b ₁ 0 0 = Non-Parity Check 1 0 = Odd Parity Check 0 1 = Even Parity Check
				b ₂ ~ b ₇	Not used
	530			b ₀	FCCS Health Check Timer
				b ₁	MTC = 0 - 15 (0h to Fh) Seconds
				b ₂	Timer Value = MTC × TC
				b ₃	This timer defaults to 30 seconds when 00h is assigned.
				b ₄	Timer Class (TC)
				b ₅	b ₆ b ₅ b ₄ b ₆ b ₅ b ₄ b ₆ b ₅ b ₄ _ _ _ _
				b ₆	0 0 0 = ----011=2 sec.110=----- 0 0 1 = 1 00 =30 sec.111=8 sec. 0 1 0 = ----101=5 sec.
				b ₇	Is this timer in service? 0/1 = No/Yes

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	531				SDT card accommodation 0/1 = Not accommodated/Accommodated b1 → MG1, b3 → MG3, b5 → MG5, b7 → MG7 Note 1: <i>The SDT card can be mounted in the odd MG only.</i>	
	532				Fusion Point Code (FPC) of the Center Node (CN) for the Centralized Management Report-Fusion	
	533	00			Not used	
	534				b ₀	Stop Network Data Memory Broadcasting to LCNs from NCN 0/1 = No/Yes Note: <i>This bit stops the automatic broadcasting of Network Data Memory from NCN while network commands are being programmed. This does not stop the NCN from verifying data at the LCN, but stops the data automatically downloading to the LCNs.</i> (For IPX-UMG system) 0 = No Retry (no data retransmission) for data copy error 1 = Retry in service (for dual LAN system)
					b ₁	0 = Data broadcasting at every NDM command execution 1 = Broadcasting by CBCN command execution Note
					b ₂	0 = Data Broadcasting via CMP 1 = Data Broadcasting via SP Note
					b ₃	0 = System Message unnecessary for error during "Periodic Refresh" 1 = System message necessary for error during "Periodic Refresh" Note
					b ₄	System Message Output 0/1 = Out of service/In service Note
					b ₅	
					b ₆	
			b ₇	0 = NDM Data en bloc broadcasting (from NCN to All LNs) 1 = NDM Data individual broadcasting (from NDN to the LN)		
535-575	00				Not used	

Note: *This data is valid for IPX-UMG system.*

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	576			b ₀	Fusion Centralized SMDR Service (Polling Method) 0/1 = No/Yes
				b ₁	SMDR for Fusion Network station-to-station calls 0/1 = All Station Calls/Fusion Station Calls only Note: Data valid only when ASYDL Index 512 is set. Valid for IPX Version 2 software or higher.
				b ₂	SMDR Interface Type 0/1 = RS232C/LANI
				b ₃	Output the System Message related to connection down when the system changeover occurs on LAN Interface for SMDR. 0/1 = Invalid/Valid
				b ₄ ~ b ₇	Not used
	577			b ₀ ~ b ₇	FPC (Fusion Point Code) of the Center node (CN) for the Centralized SMDR (Centralized Billing-Fusion). FPC: 1-253 (01 Hex-FD Hex.) Note: Data 01 Hex-FD Hex should be assigned at the Local Node (LN) for the Centralized Billing-Fusion. Data "00" must be fixedly assigned at the Center Node (CN) of Centralized Billing-Fusion.
	578			b ₀	Centralized Billing-Fusion output text format of SMDR A 0/1 = ICS format/IPX format
				b ₁ ~ b ₃	Not used
				b ₄	0/1 = SMDR A Apparatus with LAN interface is not used/used. Note
				b ₅ ~ b ₇	Not used
	579			b ₀	Centralized Billing-Fusion output text format of SMDR B 0/1 = ICS format/IPX format
				b ₁ ~ b ₃	Not used
				b ₄	0/1= SMDR B Apparatus with LAN interface is not used/used. Note
				b ₅ ~ b ₇	Not used

Note: Assign "1" at the node to which SMDR with LAN interface is connected. If not connected, this data setting is fixed to "0."

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS											
			DATA 0/1	BIT												
1	580			b ₀	Centralized Billing-Fusion output text format of SMDR C 0/1 = IMS (ICS) format/IPX format											
				b ₁ ~ b ₃	Not used											
				b ₄	0/1 = SMDR C Apparatus with LAN interface is not used/used. Note											
				b ₅ ~ b ₇	Not used											
	581				b ₀	Centralized Billing-Fusion output text format of SMDR D 0/1 = ICS format/IPX format										
					b ₁ ~ b ₃	Not used										
					b ₄	0/1 = SMDR D Apparatus with LAN interface is not used/used. Note										
					b ₅ ~ b ₇	Not used										
	582				b ₀ ~ b ₃	The number of the node to be polled in a polling 0000 = 1 0001 = 1 0010 = 2 0011 = 3 0100 = 4 0101 = 5 0110 = 6 0111 = 7 1000 = 8 ~ 1111 = 8 Note 1: For numbers more than 8, assign the data value as 8.										
					b ₄ ~ b ₇	Not used										
	583				b ₀ ~ b ₂	The timing for transmitting the billing data of SMDR-Netfusing from the node that accommodates the outgoing trunk to the node that accommodates the called station. <table style="margin-left: 20px;"> <tr> <td><u>b₂</u> <u>b₁</u> <u>b₀</u></td> <td><u>b₂</u> <u>b₁</u> <u>b₀</u></td> </tr> <tr> <td>0 0 0 = 8 sec.</td> <td>1 0 0 = 8 sec.</td> </tr> <tr> <td>0 0 1 = 2 sec.</td> <td>1 0 1 = 10 sec.</td> </tr> <tr> <td>0 1 0 = 4 sec.</td> <td>1 1 0 = 12 sec.</td> </tr> <tr> <td>0 1 1 = 6 sec.</td> <td>1 1 1 = 14 sec.</td> </tr> </table>	<u>b₂</u> <u>b₁</u> <u>b₀</u>	<u>b₂</u> <u>b₁</u> <u>b₀</u>	0 0 0 = 8 sec.	1 0 0 = 8 sec.	0 0 1 = 2 sec.	1 0 1 = 10 sec.	0 1 0 = 4 sec.	1 1 0 = 12 sec.	0 1 1 = 6 sec.	1 1 1 = 14 sec.
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0 0 1 = 2 sec.	1 0 1 = 10 sec.															
0 1 0 = 4 sec.	1 1 0 = 12 sec.															
0 1 1 = 6 sec.	1 1 1 = 14 sec.															
	b ₃ ~ b ₆	Not used														
	b ₇	The timing for transmitting the polled billing data assigned at b ₀ ~ b ₂ is 0= In Service														

Note: Assign "1" at the node to which SMDR with LAN interface is connected. If not connected, this data setting is fixed to "0".

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																				
			DATA 0/1	BIT																																					
1	584			$b_0 \sim b_7$	<p>Designate the Polling cycle within the Self Node (for IPX-UMG system only) by the number of calls intended for Polling of the system. Assign this data to default value “0” or “8” in case the number of calls is within 675,000 calls per a day. Actual setting is measured declining 30% of calls in the following values on the list:</p> <table border="1"> <thead> <tr> <th>Call/day</th> <th>System Data</th> <th>Call/day</th> <th>System Data</th> </tr> </thead> <tbody> <tr><td>~5,400,000</td><td>1</td><td>~600,000</td><td>9</td></tr> <tr><td>~2,700,000</td><td>2</td><td>~540,000</td><td>10</td></tr> <tr><td>~1,800,000</td><td>3</td><td>~490,000</td><td>11</td></tr> <tr><td>~1,350,000</td><td>4</td><td>~450,000</td><td>12</td></tr> <tr><td>~1,080,000</td><td>5</td><td>~400,000</td><td>13</td></tr> <tr><td>~900,000</td><td>6</td><td>~385,000</td><td>14</td></tr> <tr><td>~770,000</td><td>7</td><td>~360,000</td><td>15</td></tr> <tr><td>~675,000</td><td>8</td><td>~337,000</td><td>16</td></tr> </tbody> </table>	Call/day	System Data	Call/day	System Data	~5,400,000	1	~600,000	9	~2,700,000	2	~540,000	10	~1,800,000	3	~490,000	11	~1,350,000	4	~450,000	12	~1,080,000	5	~400,000	13	~900,000	6	~385,000	14	~770,000	7	~360,000	15	~675,000	8	~337,000	16
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~675,000	8	~337,000	16																																						
585			$b_0 \sim b_7$	<p>Designate the Polling cycle between the Nodes (for Center Node only). When a LN among multiple LNs is set as the Center Node of CCIS Centralized Billing, Polling cycle is to be changed to prevent from Buffer Overflow in LNs. Usually assign the default value “0 (2 seconds cycle)”.</p> <table border="1"> <thead> <tr> <th>Polling Cycle</th> <th>System Data</th> <th>Polling Cycle</th> <th>System Data</th> </tr> </thead> <tbody> <tr><td>0.25s</td><td>1</td><td>2.25s</td><td>9</td></tr> <tr><td>0.50s</td><td>2</td><td>2.50s</td><td>10</td></tr> <tr><td>0.75s</td><td>3</td><td>2.75s</td><td>11</td></tr> <tr><td>1.00s</td><td>4</td><td>3.00s</td><td>12</td></tr> <tr><td>1.25s</td><td>5</td><td>3.25s</td><td>13</td></tr> <tr><td>1.50s</td><td>6</td><td>3.50s</td><td>14</td></tr> <tr><td>1.75s</td><td>7</td><td>3.75s</td><td>15</td></tr> <tr><td>2.00s</td><td>8</td><td>4.00s</td><td>16</td></tr> </tbody> </table>	Polling Cycle	System Data	Polling Cycle	System Data	0.25s	1	2.25s	9	0.50s	2	2.50s	10	0.75s	3	2.75s	11	1.00s	4	3.00s	12	1.25s	5	3.25s	13	1.50s	6	3.50s	14	1.75s	7	3.75s	15	2.00s	8	4.00s	16	
Polling Cycle	System Data	Polling Cycle	System Data																																						
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586			$b_0 \sim b_7$	<p>Set the upper limit of polling buffer rate (01%-99%) at Centralized Billing Node.</p> <p>Example:</p> <p>Note: If the value exceeds the assigned limit, polling is not activated. In case 00Hex is assigned to $b_0 \sim b_7$, the data is to be assigned to the standard rate 50%.</p>																																					
	587-607				Not used																																				

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS			
			DATA 0/1	BIT				
1	608		The Fusion Point Code (FPC) of the polling destination.					
	609		FPCs range from 1 to 253 as shown in the table below. Assign data "1 (Polling destination of Centralized Billing-Fusion)" for the corresponding FPC node.					
	610		Note: <i>This data should be assigned at the Center node for the Centralized Billing-Fusion.</i>					
	611							
	612							
	613							
	614							
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	634							
	635							
	636							
	637							
	638							
	639							

INDEX	b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀
608	7	6	5	4	3	2	1	-
609	15	14	13	12	11	10	9	8
610	23	22	21	20	19	18	17	16
611	31	30	29	28	27	26	25	24
612	39	38	37	36	35	34	33	32
613	47	46	45	44	43	42	41	40
614	55	54	53	52	51	50	49	48
615	63	62	61	60	59	58	57	56
616	71	70	69	68	67	66	65	64
617	79	78	77	76	75	74	73	72
618	87	86	85	84	83	82	81	80
619	95	94	93	92	91	90	89	88
620	103	102	101	100	99	98	97	96
621	111	110	109	108	107	106	105	104
622	119	118	117	116	115	114	113	112
623	127	126	125	124	123	122	121	120
624	135	134	133	132	131	130	129	128
625	143	142	141	140	139	138	137	136
626	151	150	149	148	147	146	145	144
627	159	158	157	156	155	154	153	152
628	167	166	165	164	163	162	161	160
629	175	174	173	172	171	170	169	168
630	183	182	181	180	179	178	177	176
631	191	190	189	188	187	186	185	184
632	199	198	197	196	195	194	193	192
633	207	206	205	204	203	202	201	200
634	215	214	213	212	211	210	209	208
635	223	222	221	220	219	218	217	216
636	231	230	229	228	227	226	225	224
637	239	238	237	236	235	234	233	232
638	247	246	245	244	243	242	241	240
639	-	-	253	252	251	250	249	248

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	640			b ₀	Fusion Point Code (FPC) of the node providing ATT-CON. Assign FPC of a terminating node for operator calls from other nodes and Ring Down (IC) calls from PSTN. FPC: 1-253 (01 Hex-FD Hex) Note: <i>This data is necessary at all nodes. Assign the self FPC at the terminating node.</i>
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
				b ₆	
		b ₇			
	641			b ₀	Designation of output numbers for SMDR ICS format. 0/1 = Physical (station) number/Telephone number Note: <i>This data is valid when the text format of SMDR is "ICS format," and the number of digits for Telephone number is 6 or less.</i>
				b ₁	Designation of output numbers for MCI ICS format. 0/1=Physical (station) number/Telephone number Note: <i>This data is valid when the text format of MCI is "ICS format," and the number of digits for Telephone number is 6 or less.</i>
			0	b ₂	Not used
				b ₃	Designation of output routes for SMDR ICS format. 0/1 = Physical route/Logical route Note: <i>This data is valid when the text format of SMDR is "ICS format."</i>
			0	b ₄ ~b ₇	Not used

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS																																											
			DATA 0/1	BIT																																												
1	642		Speech Path Memory of TONE ROM source selection for Voice Prompt Service. 0/1 = TONE ROM/Speech Path Memory																																													
	643																																															
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	645					<table border="1"> <thead> <tr> <th>INDEX</th> <th>b₇</th> <th>b₆</th> <th>b₅</th> <th>b₄</th> <th>b₃</th> <th>b₂</th> <th>b₁</th> <th>b₀</th> </tr> </thead> <tbody> <tr> <td>642</td> <td>ch7</td> <td>ch6</td> <td>ch5</td> <td>ch4</td> <td>ch3</td> <td>ch2</td> <td>ch1</td> <td>ch0</td> </tr> <tr> <td>643</td> <td>ch15</td> <td>ch14</td> <td>ch13</td> <td>ch12</td> <td>ch11</td> <td>ch10</td> <td>ch9</td> <td>ch8</td> </tr> <tr> <td>644</td> <td>ch23</td> <td>ch22</td> <td>ch21</td> <td>ch20</td> <td>ch19</td> <td>ch18</td> <td>ch17</td> <td>ch16</td> </tr> <tr> <td>645</td> <td>ch31</td> <td>ch30</td> <td>ch29</td> <td>ch28</td> <td>ch27</td> <td>ch26</td> <td>ch25</td> <td>ch24</td> </tr> </tbody> </table>	INDEX	b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀	642	ch7	ch6	ch5	ch4	ch3	ch2	ch1	ch0	643	ch15	ch14	ch13	ch12	ch11	ch10	ch9	ch8	644	ch23	ch22	ch21	ch20	ch19	ch18	ch17	ch16	645	ch31	ch30	ch29	ch28	ch27
	INDEX	b ₇	b ₆	b ₅	b ₄	b ₃	b ₂	b ₁	b ₀																																							
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	644	ch23	ch22	ch21	ch20	ch19	ch18	ch17	ch16																																							
	645	ch31	ch30	ch29	ch28	ch27	ch26	ch25	ch24																																							
	646		Speech Path Memory of MUSIC ROM source selections for Voice Prompt Service. 0/1 = MUSIC ROM/Speech Path Memory																																													
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649			ch29	ch28	ch27	ch26	ch25	ch24																																								
650~671					Not used																																											
672				b ₀	Telephone number display location on D ^{term} Note: See the example on the next page.																																											
				b ₁	Not used																																											
				b ₂																																												
				b ₃																																												
				b ₄																																												
				b ₅																																												
				b ₆																																												
673 - 703					Not used																																											

ASYDL : Assignment of System Data into Local DM (LDM)

Example: When a call terminates on a D^{term} from Telephone number 123456789, the D^{term} displays as follows depending on the data settings.

{ ASYDL SYS1,INDEX672,Bit0=0 }

8 digits long maximum when Telephone Number is displayed on top line.

11:20	AM	WED	16	APR	1997
MIC	DND				>>>

{ ASYDL SYS1,INDEX672,Bit0=1 }

					123456789
MIC	DND				>>>

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS										
			DATA 0/1	BIT											
1	704		Fusion Point Code (FPC) of the node to which ATT-CON transfers the Day/ Night changeover information. FPCs range from 1 to 253 as shown in the table below. Assign data “1 (D/N changeover information is transferred)” for the corresponding node. Note: <i>This data is necessary at the node providing ATT-CON.</i>												
	705														
	706														
	707														
	708														
	709														
	710														
	711														
	712														
	713														
	714														
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	727														
	728														
	729														
	730														
	731														
	732														
	733														
	734														
	735														
		736 - 799								Not used					

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	800			b ₀	ALGNL/ALGSL command tenant User Group Number (UGN) table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₁	ASPAL command tenant table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₂	ANPDL command tenant data table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₃	APCNL command tenant data table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₄	AFRSL, ASTPL, AUNEL command tenant data table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₅	ASTPL command tenant data table development of Local Data Memory (LDM) 0/1 = Separate/Common
				b ₆	Not used
				b ₇	AAEDL command tenant data table development of Local Data Memory (LDM) 0/1 = Separate/Common
	801-802	00			Not used
	803			b ₀	Not used
				b ₁	Consultation Hold Release 0/1 = Out of service/In service
				b ₂	Operation from the stations in Add On Conference - 8 Party Service 0/1 = Operation is invalid/Valid
				b ₃ - b ₇	Not used
	804			b ₀	Kind of tone when a call is transferred from Attendant Console in case all the stations in a UCD group are busy; 0/1 = BT/RBT
				b ₁	Transferring the busy information of Logical Route 0/1 = Out of service/In service
				b ₂	Not used
				b ₃	The number of digit for Internal Zone Paging group ID 0/1 = 2 digits/3 digits
				b ₄	UCD Announcement Information 0 = Individual setting for each UCD group 1 = Common in all the UCD groups
			0		b ₅ ~ b ₇	Not used

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	805			b ₀	(For IPX-UMG system) Periodic Refresh for office data copy Note 1 0/1 = Execute/Stop	
				b ₁	(For IPX-UMG system) Partial copy every time office data is assigned 0 = Execute Note 1 1 = Not execute (data copy is executed by CBCD command)	
				b ₂	(For IPX-UMG system) Information of office data copy condition Note 1 0/1 = -/Output System Message	
			0	b ₃ ~ b ₇	Not used	
	806-831				Not used	
	832				Fusion Point Code (FPC) of the node connected with Message Center (MC) in the same MC group FPC: 1 ~ 253 (01 Hex. ~ FD Hex) Note: Valid for software version 2 or later.	
	833				b ₀	Interface type for MCI (Message Center Interface) 0/1 = RS-232C interface/LAN interface Note 2
					b ₁	MCI output text format 0/1 = IMS (ICS) format/IPX format Note 2
					b ₂	The way to output the call information of LAN Interface for MCI (when Max. 2 MCs are normally connected). 0/1 = Dual Output/Single Output
					b ₃	Output the System Message related to connection down when the system changeover occurs on LAN Interface for MCI. 0/1 = Invalid/Valid
					b ₄ ~ b ₇	Not used

Note 1: When office data is assigned by the MAT during IPX-UMG system is in operation, office data (DM/LDM/NDM) copy is executed from ACT side SP to ST-BY side SP/LP.

Every time office data is assigned by the MAT, the part of the data is copied to ST-BY side SP and each LP when ASYDL, INDEX805, b1=0. Also office data copy is to be executed when the following operation is performed:

- System Initialization
- Initialization for each Processor
- Execution of the CBCD command

Note 2: When ASYDL SYS1 INDEX833 b0 = 0 (RS-232C interface for MCI) is assigned, either ICS or IPX text format for MCI output can be selected in b1. When b0 = 1 (LAN interface for MCI) is assigned, b1 data must be fixed to data "1 = IPX format."

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	834			b ₀	0/1 = -/MC0 with LAN interface is used
				b ₁	0/1 = -/MC1 with LAN interface is used
				b _{3 ~ b7}	Not used
	835 ~ 863				Not used
	864			b ₀	0/1 = Built-in IP, ACDP is not used/used
				b ₁	Output the system message when TCP-IP connection is disconnected. 0/1 = Effective/Ineffective
				b ₂	AGENT ANYWHERE 0/1=Out of Service/In Service Note: This data is effective only when Multiple ACDP Service is used.
				b ₃	Multiple ACDP 0/1 = Out of service/In service
				b _{4, b5}	Maximum number of SMFN port 00 = 2 port (standard) 01 = 8 port
				b ₆	FLF error detail indication 0/1 = Out of service/In service
				b ₇	Not used
			865		
		b ₁			
		b ₂			
		b ₃			
		b ₄			
		b ₅			
		b ₆			
	866			b ₀	Fusion Point Code for Centralized ACDP Valid entries 1 - 253 (1h - FDh) This index assigns the Centralized Fusion Point Code for ACDP. (For non-Fusion ACDP, assign 00.) Note 1, Note 2
				b ₁	
				b ₂	
				b ₃	
				b ₄	
				b ₅	
			b ₆		
	b ₇				

Note 1: This data is necessary at all nodes. Assign the self FPC at the terminating node.

Note 2: When OAI and ACD functions are used together in a Netfusing network, enter the same FPC value in INDEXes 865 and 866.

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS
			DATA 0/1	BIT	
1	867 ~ 927				Not used
	928				(For IPX-U system) Fusion Point Code (FPC) of the connecting ISW. (For IPX-UMG system) Fixed to "0". Note
	929			b ₀ ~ b ₃	TSW card accommodation on ISW in IPX-U system or on ISWR in IPX-UMG system. 0/1 = Not accommodated/Accommodated b0: TSW0 b2: TSW2 b1: TSW1 b3: TSW3 Note
				b ₄ ~ b ₇	Not used
	930 ~ 933				FPC of the LN connected to TSW0 in the ISW. (For IPX-UMG system) Logical PBI Number of LMG connected to TSW0 in the ISWR. Note 1: <i>This data is available when SYS1, INDEX929, b0=1 is assigned.</i> Note 2: <i>The different FPC can be assigned for 2 Kbps PCM data transmission at each INDEX.</i>
	934 ~ 937				FPC of the LN connected to TSW1 in the ISW. (For IPX-UMG system) Logical PBI Number of LMG connected to TSW1 in the ISWR. Note 1: <i>This data is available when SYS1, INDEX929, b1=1 is assigned.</i> Note 2: <i>The different FPC can be assigned for 2 Kbps PCM data transmission at each INDEX.</i>

Note: This data is necessary for the IPX-U (16-IMG type) or IPX-UMG system.

ASYDL : Assignment of System Data into Local DM (LDM)

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 512 - 1535	DATA (DATA) 00 - FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	
			DATA 0/1	BIT		
1	938 ~ 941				<p>FPC of the LN connected to TSW2 in the ISW. (For IPX-UMG system)</p> <p>Logical PBI Number of LMG connected to TSW2 in the ISWR.</p> <p>Note 1: <i>This data is available when SYS1, INDEX929, b2=1 is assigned.</i></p> <p>Note 2: <i>The different FPC can be assigned for 2 Kbps PCM data transmission at each INDEX.</i></p>	
	942 ~ 945				<p>FPC of the LN connected to TSW3 in the ISW. (For IPX-UMG system)</p> <p>Logical PBI Number of LMG connected to TSW3 in the ISWR.</p> <p>Note 1: <i>This data is available when SYS1, INDEX929, b3=1 is assigned.</i></p> <p>Note 2: <i>The different FPC can be assigned for 2 Kbps PCM data transmission at each INDEX.</i></p>	
	946				<p>(For IPX-U system)</p> <p>FPC of the LN on which DLMX card is mounted. (For IPX-UMG system)</p> <p>LP PBI No. of the LMG where DLMX card is mounted.</p>	
	947 ~ 960				Not used	
	961				b ₀ ~ b ₃	<p>Message sending cycle to request the state of each IMG.</p> <p>0 = 2 sec. 1 = 5 sec. 2 = 10 sec. 3 = 30 sec. 4 = 1 min. 5 = 3 min. 6 = 5 min. 7 = 10 min. 8-15 = 2 sec.</p>
					b ₄ ~ b ₇	Not used
	962 ~ 1535					Not used

AUNT: Assignment of Unit Data

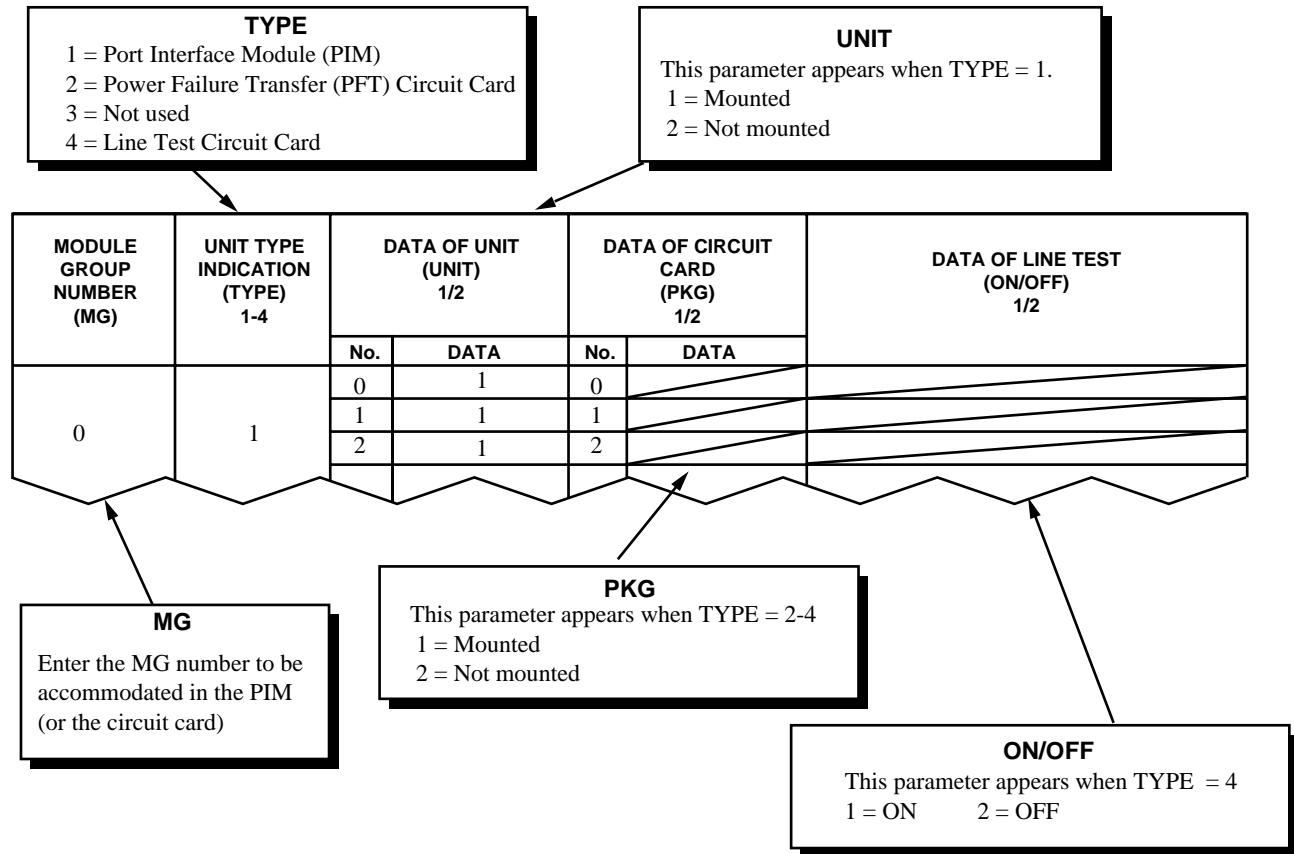
1. General

This command assigns the Unit data. It also assigns miscellaneous circuit cards to be mounted in LPM.

2. Precautions

- Prior to assigning the number of the unit data using this command, the ASYD command should be properly assigned.
- The applicable data range in the Module Group Number (MG) parameter is designated by the ASYD command, SYS1, INDEX 0.
- Since the PFT is a mechanical action circuit, the PFT operates properly without any data assignment. However, if the “PFT control by external key” is required, the following data assignments are needed:
 - (a) AUNT command, TYPE=2 (PFT)
 - (b) AEKD command
 - (c) ANCD command
- If the number of the unit’s data deletion is required, you should clear all the station/trunk data within the unit using the ASDT/ATRK commands.

3. Data Entry Instructions



4. Data Sheet

(a) Port Interface Module (PIM) (TYPE = 1)

MODULE GROUP NUMBER (MG)	UNIT TYPE INDICATION (TYPE) 1 – 4	DATA OF UNIT 1/2	
		NO.	DATA
	1	0	
		1	
		2	
		3	

(b) Power Failure Transfer Circuit Card (PFT) (TYPE = 2)

MODULE GROUP NUMBER (MG)	UNIT TYPE INDICATION (TYPE) 1 – 4	DATA OF CIRCUIT CARD (PKG) 1/2	
		NO.	DATA
	2	0	
		1	
		2	
		3	

(c) Line Test Circuit Card (TYPE = 4)

MODULE GROUP NUMBER (MG)	UNIT TYPE INDICATION (TYPE) 1 – 4	REMARKS
	4	Mounted/Not Mounted

AIOC: Assignment of IOC Port Data

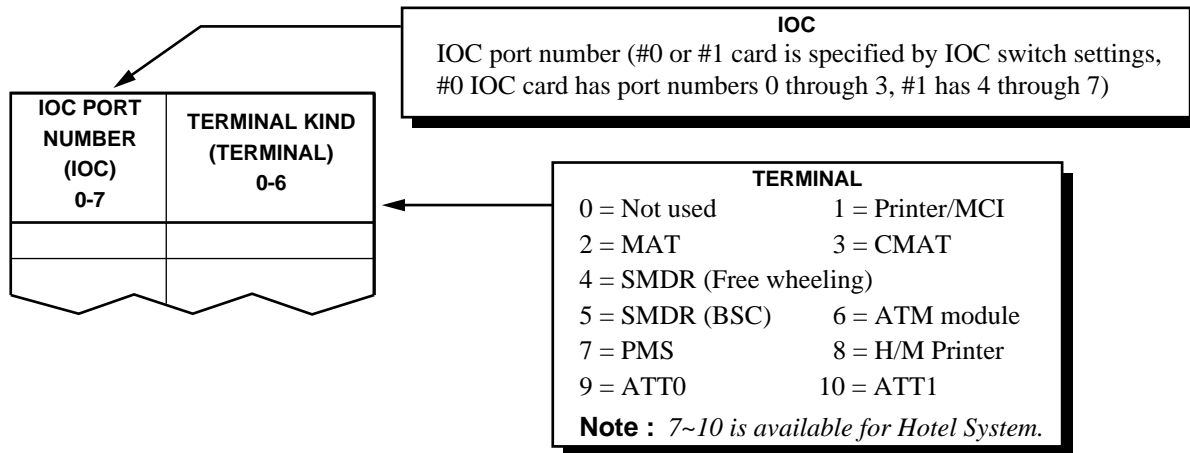
1. General

This command assigns the I/O port attribution data.

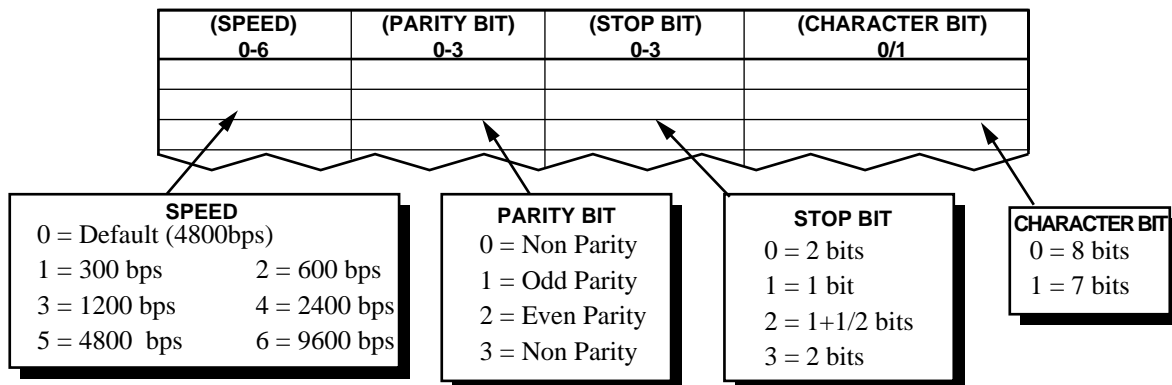
2. Precautions

1. When the I/O port attribution is changed, the IOC card is initialized.
2. Various parameters appear on the display according to the data in the `TERMINAL` parameter.

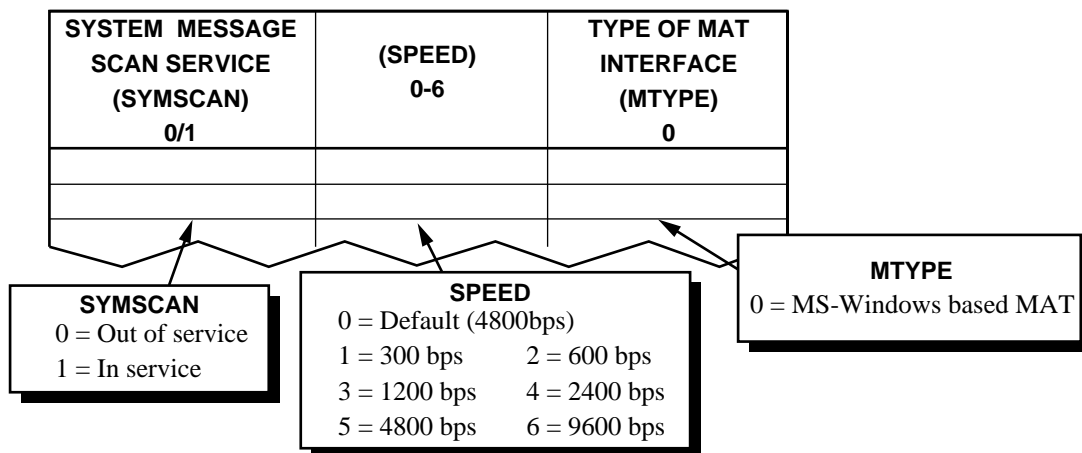
3. Data Entry Instructions



◆ TERMINAL=1 (Printer/MCI)

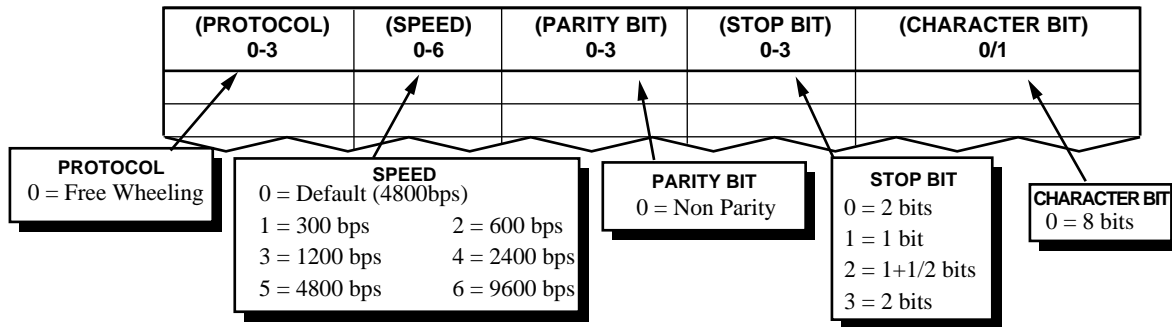


◆ TERMINAL=2 (MAT)/3 (CMAT)

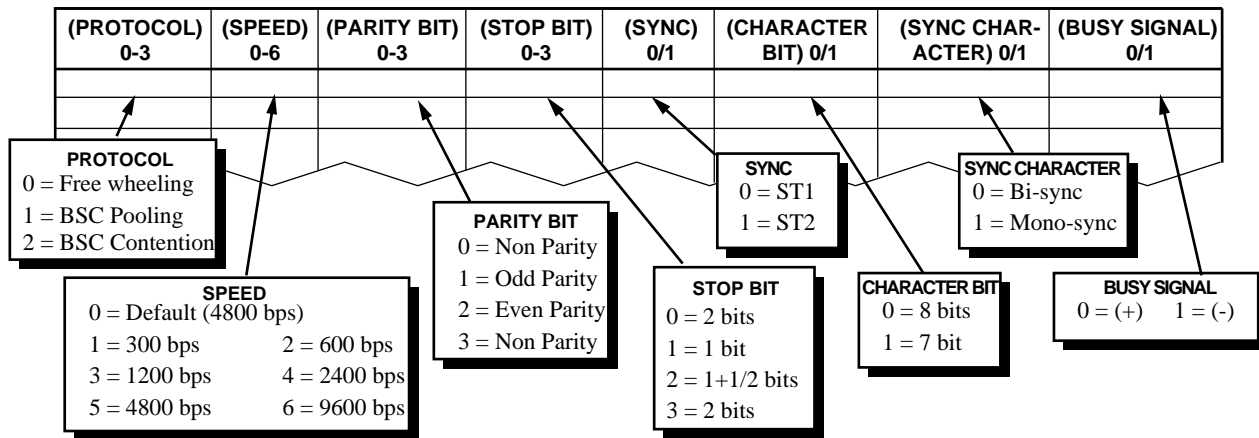


AIOC : Assignment of IOC Port Data

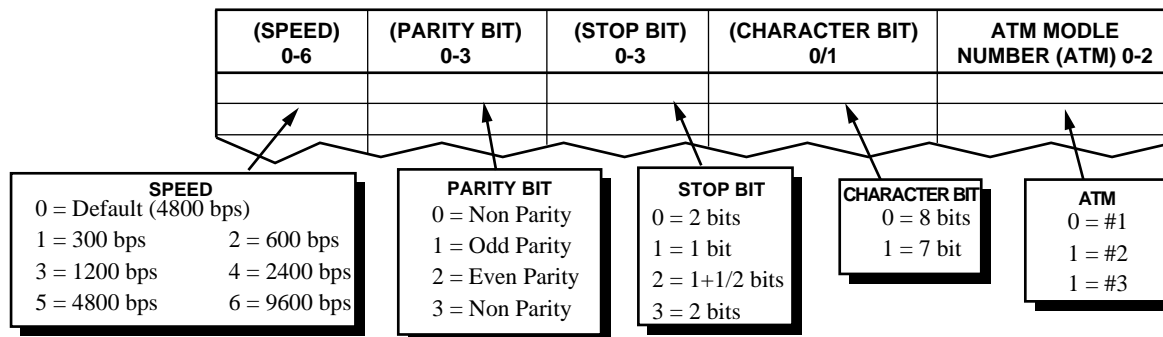
◆ TERMINAL=4 (SMDR FREE WHEELING)



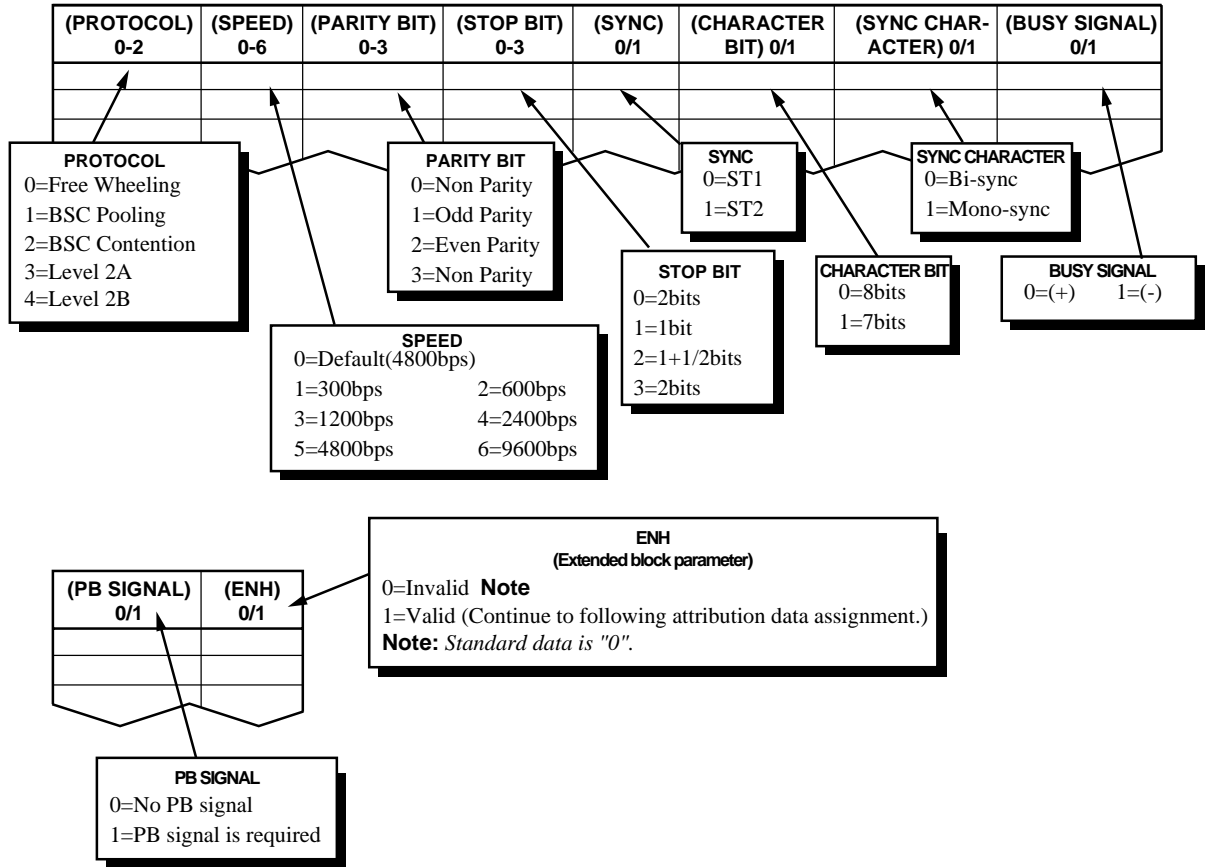
◆ TERMINAL=5 (SMDR BSC)



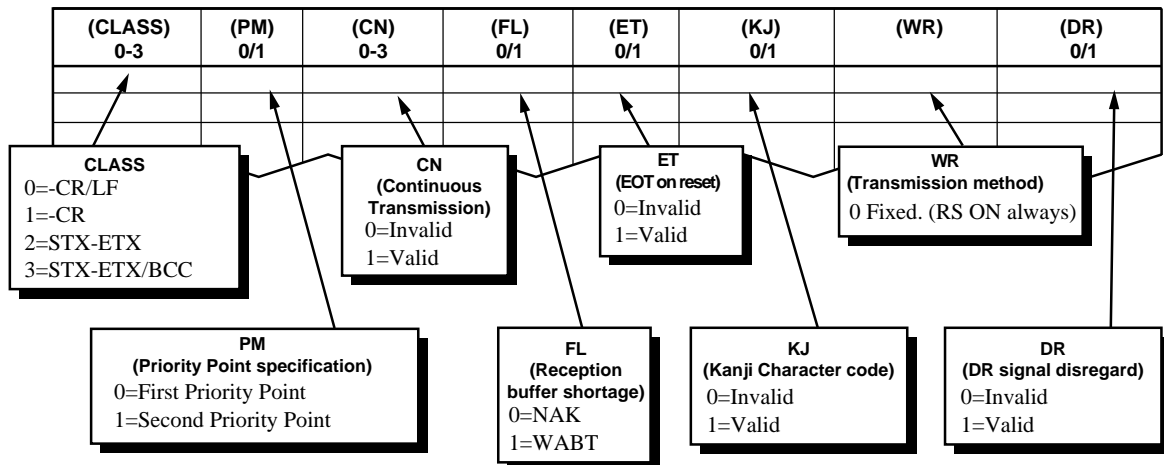
◆ TERMINAL=6 (ATM Module)



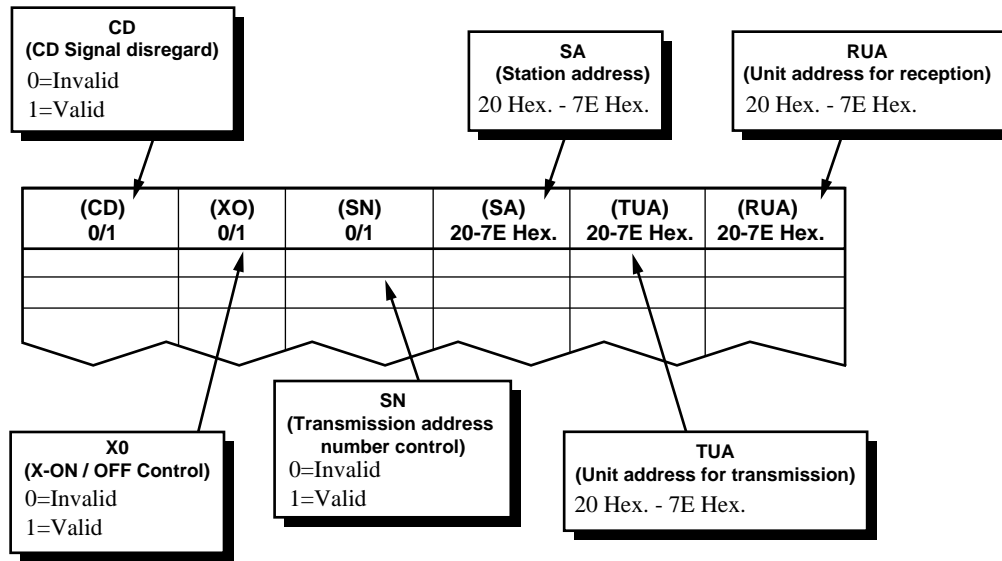
◆ TERMINAL=7 (PMS) / 8 (Hotel Printer)



Following optional parameters appear when ENH (Extended block parameter) = 1.



AIOC : Assignment of IOC Port Data



Example: Standard data for PMS and Hotel printer.

- PMS (Level 2A):**

<i>PROTOCOL</i>	= 3 (Level 2A)
<i>SPEED</i>	= 3 (1200bps)
<i>PARITY BIT</i>	= 2 (Even Parity)
<i>STOP BIT</i>	= 0 (2bits)
<i>SYNC</i>	= 0 (Not used)
<i>CHARACTER BIT</i>	= 0 (8bits)
<i>SYNC CHARACTER</i>	= 0 (Not used)
<i>BUSY SIGNAL</i>	= 0 (Not used)
<i>PB SIGNAL</i>	= 0 (No PB signal)
<i>ENH</i>	= 0 (Invalid)
- Hotel Printer:**

<i>PROTOCOL</i>	= 0 (Free Wheeling)
<i>SPEED</i>	= 3 (1200bps)
<i>PARITY BIT</i>	= 0 (No Parity)
<i>STOP BIT</i>	= 0 (2bits)
<i>CHARACTER BIT</i>	= 0 (8bits)
<i>Others</i>	= 0 (Not used)

4. Data Sheet

(a) TERMINAL=1 (Printer/MCI)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)	(SPEED)	(PARITY BIT)	(STOP BIT)	(CHARACTER BIT)	REMARKS
	1					

(b) TERMINAL=2 (MAT)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)	(SYMSCAN)	(SPEED)	(MTYPE)	REMARKS
	2				

(c) TERMINAL=3 (CMAT)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)	(SYMSCAN)	(SPEED)	(MTYPE)	REMARKS
	3				

AIOC : Assignment of IOC Port Data

(d) TERMINAL=4 (SMDR FREE WHEELING)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)			
	4			
(PROTOCOL)	(SPEED)	(PARITY BIT)	(STOP BIT)	(CHARACTER BIT)
0		0		0

(e) TERMINAL=5 (SMDR BSC)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)						
	5						
(PROTOCOL)	(SPEED)	(PARITY BIT)	(STOP BIT)	(SYNC)	(CHARACTER BIT)	(SYNC CHARACTER)	(BUSY SIGNAL)

(f) TERMINAL=6 (ATM Module)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)			
	6			
(SPEED)	(PARITY BIT)	(STOP BIT)	(CHARACTER BIT)	(ATM)

(g) TERMINAL=7 (PMS)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)						
	7						
(PROTOCOL)	(SPEED)	(PARITY BIT)	(STOP BIT)	(SYNC)	(CHARACTER BIT)	(SYNC CHARACTER)	(BUSY SIGNAL)

(PB SIGNAL) 0/1	(ENH) 0/1

When ENH=1 (Option),

(CLASS) 0-3	(PM) 0/1	(CN) 0-3	(FL) 0/1	(ET) 0/1	(KJ) 0/1	(WR)	(DR) 0/1

(CD) 0/1	(XO) 0/1	(SN) 0/1	(SA) 20-7E Hex.	(TUA) 20-7E Hex.	(RUA) 20-7E Hex.

AIOC : Assignment of IOC Port Data

(h) TERMINAL=8 (Hotel Printer)

IOC PORT NUMBER (IOC)	TERMINAL KIND (TERMINAL)						
	10						
(PROTOCOL)	(SPEED)	(PARITY BIT)	(STOP BIT)	(SYNC)	(CHARACTER BIT)	(SYNC CHARACTER)	(BUSY SIGNAL)

(PB SIGNAL) 0/1	(ENH) 0/1

ASTD: Assignment of State Translation Data

1. General

This command translates the system attributes.

2. Precautions

One STM contains multiple numbers of STS(s), and the combination of the STM”n” and STS”n” has one kind of (or multiple kinds of) purpose(s) to be designated. The data zero (0) or one (1) assigned in ST designates how the system works. See [Table 4-3](#) for Assignment of ASTD.

3. Data Assignment Instructions

See [Table 4-3](#).

Table 4-3 List for Assignment of ASTD

STM	STS	ST * = standard settings		
0	Processing at the time of originating an outgoing C.O. line call	0	If the calling station is that of RSC = 1, 3, the call is outgoing via LCR	
		1*	The call is processed by second dial tone system.	
	Processing for an override from a station into a connection between COT and another station	0	Override not allowed	
		1*	Override allowed	
	Passing dial tone	0	Invalid	
		1*	Valid	
	Processing for warning tone sending at the moment when ATT has overridden into a connection between COT and a station (Busy Verification)	0	Warning tone is sent out to both the ATT and the station.	
		1*	Warning tone is sent out to both the station, ATT, and C.O. side.	
	Processing for a warning tone sending at the moment when ATT has overridden into busy COT (Attendant Override)	0	Warning tone is not sent out the C.O. side.	
		1*	Warning tone is also sent out to the C.O. side.	
	1	Kind of trunk to be seized for an outgoing C.O. line call from ATT	0	BWT only
			1*	Either BWT or OGT as the case may be
	2	Tandem connection with COT included	0	Restricted
			1*	Allowed (depending on ARRC)
3	Enable Passing Dial Tone	0*		
4	Busy Verification Tone for Att. and Sta. only	0*		

Table 4-3 List for Assignment of ASTD (Continued)

STM	STS		ST * = standard settings	
1	0	Trunk Release	0	Station (Calling Party Release)
			1	Trunk Note 1
	1			
	2			
	3			
4				
* = standard settings				
Note 2: <i>One setting applies to five items. (STM=0, STS 0)</i>				
2	0	Three-way calling with COT included	0	Restricted
			1*	Allowed
	1	Three-way calling with COT included in Executive Right of Way service	0	Restricted
			1*	Allowed
	2	Outgoing call to a C.O. Line or a Tie Line after holding the COT	0	Restricted
			1*	Allowed
	3	Outgoing call to a C.O. Line after holding a station or a Tie Line	0	Restricted
			1*	Allowed
	4	Processing for calling a fully-restricted station after holding the COT	0	Restricted
			1*	Allowed Note: <i>The call can be transferred.</i>
	5	Processing in which ATT overrides to the connection between the COT and a station (Busy Verification) and then the Busy Verification Warning Tone is sent out periodically	0*	Warning tone is sent out to both the station and the ATT
			1	Warning tone is sent out to the station, ATT, and C.O. side.
6	Step call when a Tie Line incoming call encounters busy	0	Allowed	
		1	Restricted	
4	0	Remote Access to PBX/Automated Attendant	0	Not provided
			1*	In service
6	0	DAY/NIGHT mode changeover system	0	Not used.
			1*	Fixed to "1".
	1		0*	
	2		0*	
	3		0*	

Note 1: *Valid when C.O. line has a release signal. (Standard Setting is "1".)*

AOFC: Assignment of Office Name

1. General

This command assigns the office name.

2. Precautions

1. The data assignment of this command is the same as the ASYD command SYS1, INDEX96 through 115.
2. The office name is also included in the dump files of LIST UP, Traffic Measurement, and System Message.

3. Data Entry Instructions

(OFFICE NAME) MAXIMUM 20 CHARACTERS	REMARKS

OFFICE NAME
Maximum 20 characters of office name.

4. Data Sheet

OFFICE NAME MAXIMUM 20 CHARACTERS	REMARKS

AUIDL: Assignment of User ID Data for LDM

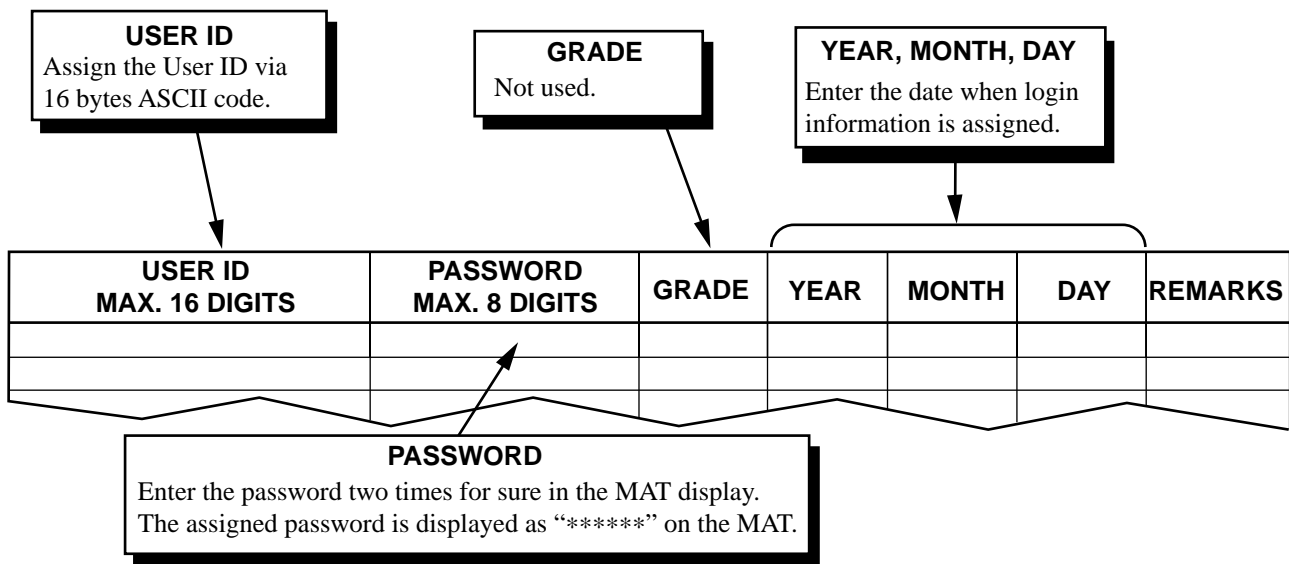
1. General

This command is used to assign the User ID data such as user name and password for the purpose of logging in to the PBX from the MAT in stand-alone system, or logging in to each Local Node (LN) in Fusion network. Once programming the login information, User ID entry is necessary to login from the next time. This data is written in Local Data Memory (LDM).

2. Precautions

1. Prior to this command, LDM block is assigned by ASYDL, SYS1, INDEX 513.
2. ASCII code is available for “User ID”
3. User information only in LDM data is effective for stand-alone system. In case the login information is assigned in LDM data in Fusion network, the data is valid only in the Local Node to which the login information is registered.
4. A maximum of 127 User ID data can be assigned per a LN in LDM data.
5. Error message is indicated when the specified User ID duplicates to the existing User ID in LDM/NDM data. If you want to use this User ID in LDM data, it must be deleted from NDM data beforehand.

3. Data Entry Instructions



ANPD: Assignment of Numbering Plan Data

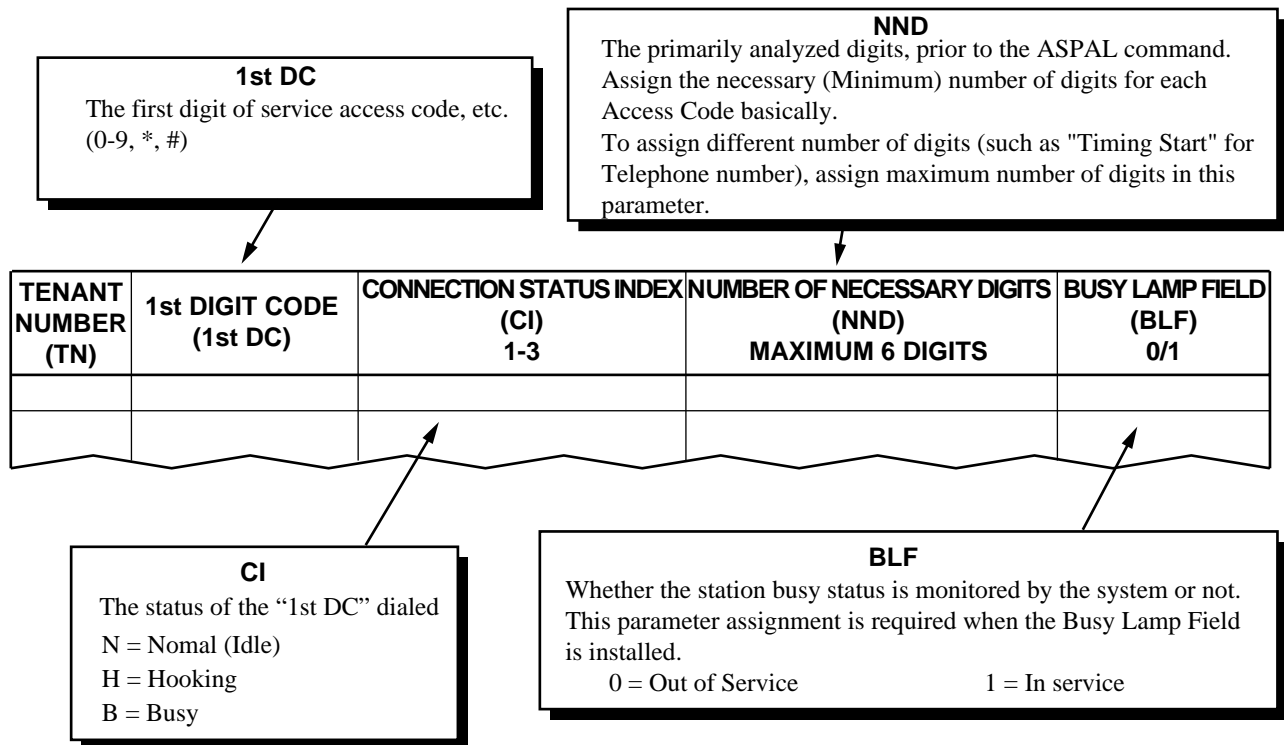
1. General

This command assigns the minimum number of digits needed to determine the service required to the first digit received (pre-translation).

2. Precautions

1. This command is used for the Business Application. AANP/AGNP commands are used for Hotel Applications.
2. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number this command effects. If data for this command is common for all tenants (ASYD command, SYS1, INDEX92, bit2=1), assign the TN parameter as data "1" for all tenants.
3. Use the ANPD command to assign the numbering data for physical station numbers, service access code, and/or trunk access code, etc.

3. Data Entry Instructions



ANPD : Assignment of Numbering Plan Data

4. Data Sheet

TENANT NUMBER (TN)	1ST DIGIT (1ST DC)	CONNECTION STATUS INDEX (CI)		NUMBER OF NECESSARY DIGITS (NND)	BUSY LAMP FIELD (BLF)	REMARKS	
	1	N	Normal				
		H	Hooking				
		B	Busy				
	2	N	Normal				
		H	Hooking				
		B	Busy				
	3	N	Normal				
		H	Hooking				
		B	Busy				
	4	N	Normal				
		H	Hooking				
		B	Busy				
	5	N	Normal				
		H	Hooking				
		B	Busy				
	6	N	Normal				
		H	Hooking				
		B	Busy				
	7	N	Normal				
		H	Hooking				
		B	Busy				
	8	N	Normal				
		H	Hooking				
		B	Busy				
	9	N	Normal				
		H	Hooking				
		B	Busy				
0	N	Normal					
	H	Hooking					
	B	Busy					
*	N	Normal					
	H	Hooking					
	B	Busy					
#	N	Normal					
	H	Hooking					
	B	Busy					

ANPDL: Assignment of Numbering Plan Data for Local Data Memory

1. General

This command assigns the minimum number of digits needed to determine the service which is required to the first digit received (pre-translation).

2. Precautions

1. This command is used for the Business Application.
2. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.

Enter the tenant number this command effects.

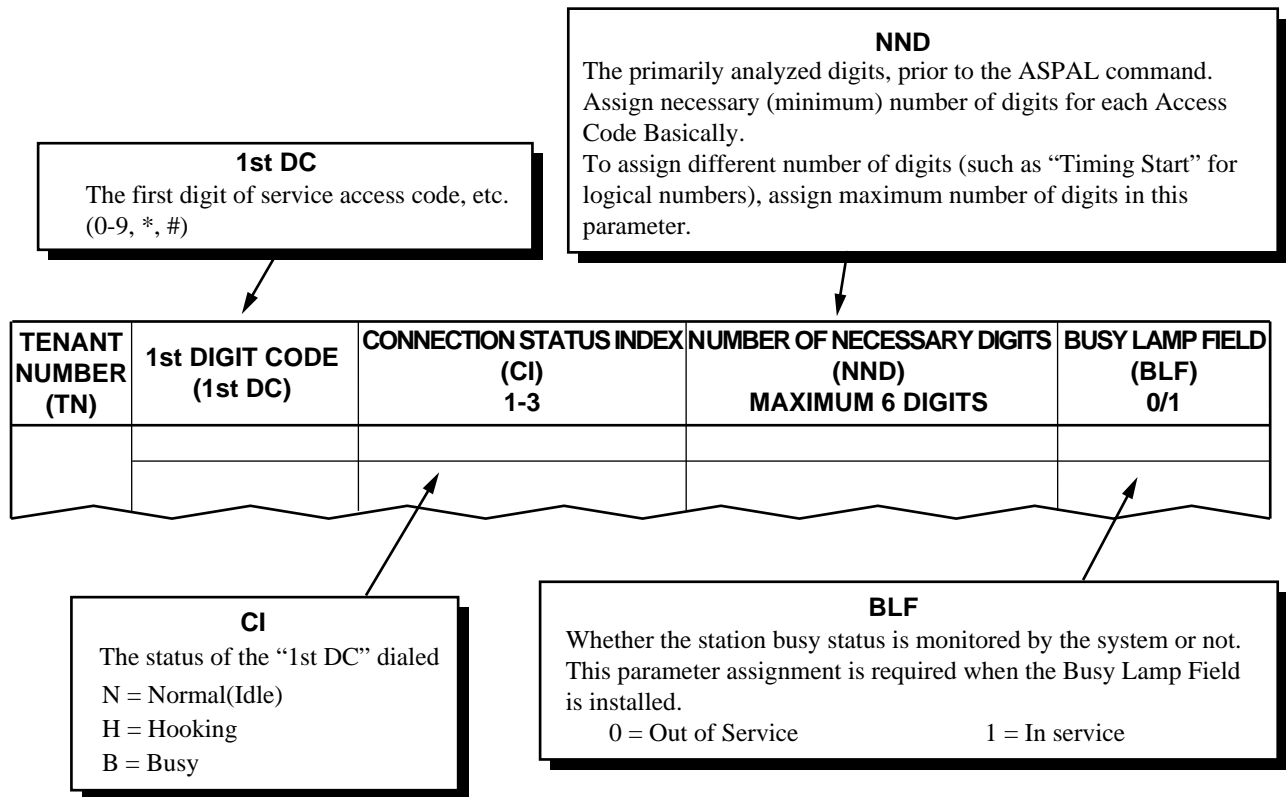
If data in this command is common for all tenants (ASYDL command, SYS1, INDEX800, bit2=1), assign TN parameter as data "1" for all tenants.

3. Use this command to assign the numbering data for the operator call and the priority call (terminating to ATT) in the Fusion network.
4. The numbering data for Telephone numbers may be programmed by this command, however, those Telephone numbers are available in the self node only.

Telephone numbers available within the Fusion network are to be programmed at Network Control Node (NCN) using the ANPDN and ASPAN commands. For more details, see the NEAX2400 IPX Fusion Network System Manual.

5. The system data assignment (ASYDL, SYS1, INDEX 514, bit0=1) is necessary when using the ANPDL command.

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	1ST DIGIT (1ST DC)	CONNECTION STATUS INDEX (CI)		NUMBER OF NECESSARY DIGITS (NND)	BUSY LAMP FIELD (BLF)	REMARKS	
	1	N	Normal				
		H	Hooking				
		B	Busy				
	2	N	Normal				
		H	Hooking				
		B	Busy				
	3	N	Normal				
		H	Hooking				
		B	Busy				
	4	N	Normal				
		H	Hooking				
		B	Busy				
	5	N	Normal				
		H	Hooking				
		B	Busy				
	6	N	Normal				
		H	Hooking				
		B	Busy				
	7	N	Normal				
		H	Hooking				
		B	Busy				
	8	N	Normal				
		H	Hooking				
		B	Busy				
	9	N	Normal				
		H	Hooking				
		B	Busy				
0	N	Normal					
	H	Hooking					
	B	Busy					
*	N	Normal					
	H	Hooking					
	B	Busy					
#	N	Normal					
	H	Hooking					
	B	Busy					

ASPA: Assignment of Special Access Code

1. General

This command determines the kind of service and Access Code to execute.

2. Precautions

1. This command is used for the Business Application. AASP/AGSP commands are used for Hotel Applications.

2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number which is affected by this command.

If data for this command is common for all tenants (ASYD command, SYS1, INDEX92, bit1 = 1), assign the TN parameter as data "1" for all tenants.

3. The access code for C.F.-Busy Line and C.F.-Don't answer service should be assigned by the ASYD command, SYS1 INDEX5, bit0=0 (Same) or 1 (Separate).

4. The access code for Call Back and OG Trunk Queuing service should be assigned by the ASYD command, SYS2, INDEX4, bit0=0 (Separate) or 1 (Same).

5. When assigning the station number, use the command ASPA to assign the access code for stations.

Note: For the station number (ex. 3xxx)

ANPD	1st.: 3	CI: 1 (N) & 2 (H)	NND: 4	
ASPA	ACC: 3	CI: 1 (N) & 2 (H)	SRV: 1 (STN)	NND: 4

6. The following shows the rules of NND/NND1 data for Speed Calling-System and Call Park Remote Retrieval.

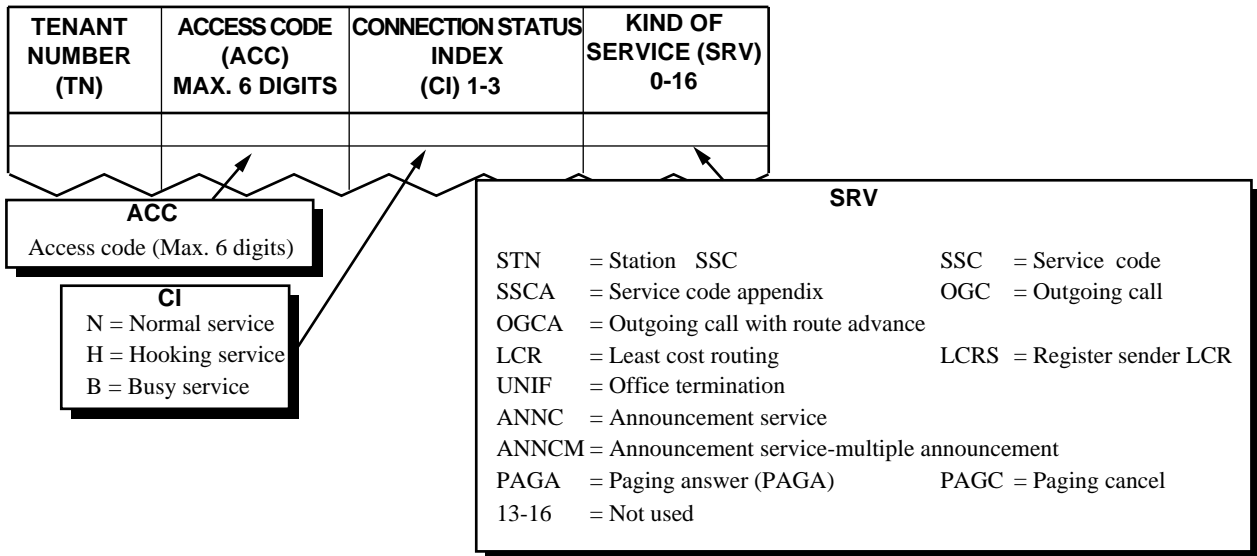
SERVICE FEATURE	SRV	SID	NND	NND1
Speed Calling-System	2	15	NND is the number of digits of the access code (ACC)	NND1 is the number of digits abbreviated digits code (ADC)
Call Park Remote Retrieval Code	2	63	NND is the number of digits of the access code (ACC)	

7. For the following service features, the maximum number of digits is to be assigned in the parameter NDD.

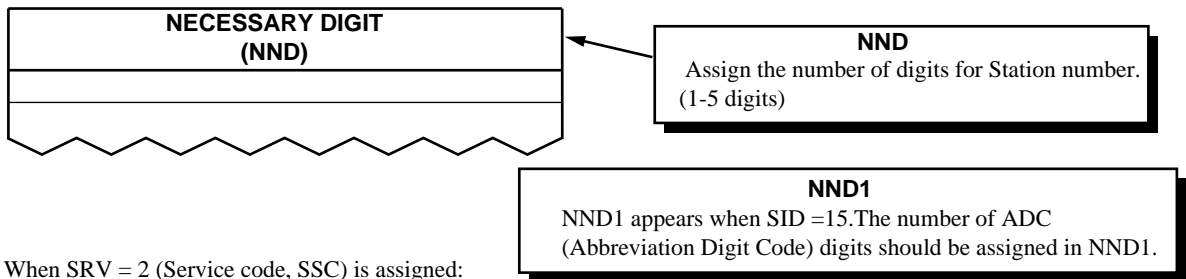
SERVICE FEATURE	SRV	SID	MAX. NND
Account Dial Code	0	41	15
Authorization Code/Forced Account Code	2	42	15
Attendant Manual Override	2	60	5

8. The variable parameter appears on the MAT depending on the data in the parameter SRV.

3. Data Entry Instructions



◆ When SRV = 1 (Station, STN) is assigned:



◆ When SRV = 2 (Service code, SSC) is assigned:

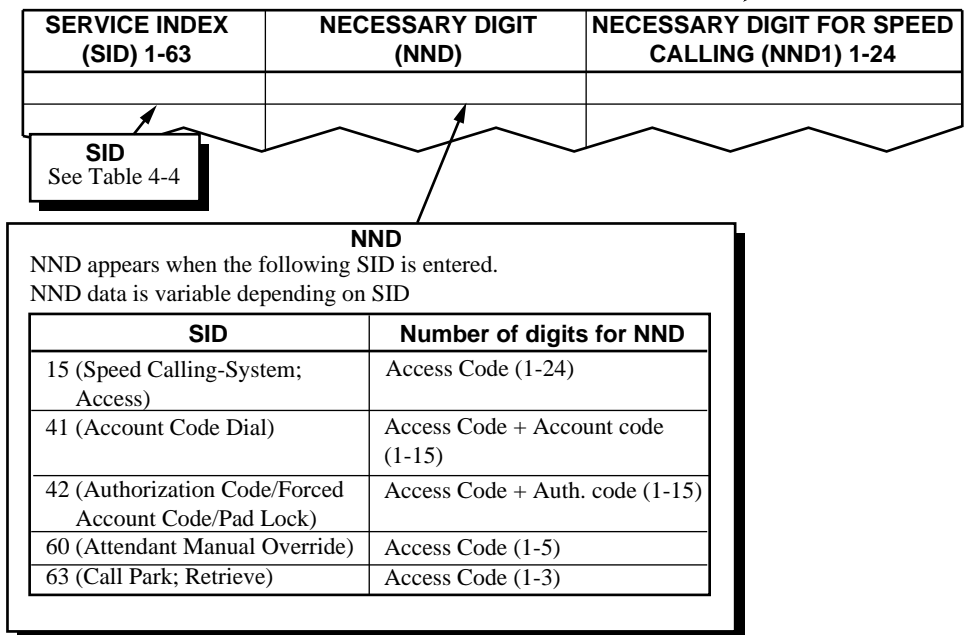


Table 4-4 SID

SID	SERVICE NAME	SID	SERVICE NAME
1	Call Hold	28	Call Forwarding I'm here; Set
2	Dial Access to Attendant (Operator Call)	29	Call Forwarding I'm here; Cancel
3	Call Back; Entry/ Camp on By Station	30-34	-
4	Executive Right of Way	35	Call Pickup - Direct
5	Call Waiting - Originating	36	-
6	Call Back; Cancel	37	Priority Call 1
7	Call Pickup - Group	38	Priority Call 2
8	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Entry Note	39	Priority Call 3
9	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Cancel Note	40	Priority Paging
10	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Entry Note	41	Account Code Dial
11	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Cancel Note	42	Authorization Code/Forced Account Code/Pad Lock; Set
12	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Entry Note	43	Flash Signal Sending to Main office across CAS line
13	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Cancel Note	44	Last Number Call
14	Speed Calling - Station; Entry	45	Station Telephone Test
15	Speed Calling - System; Access	46	Faulty Trunk Report
16	Trunk Answer from Any Station (TAS)	47	-
17	Individual trunk access	48	Timed Reminder/Automatic Wake-up; Entry
18	-	49	Timed Reminder/Automatic Wake-up; Cancel
19	Out Going Trunk Queuing; Entry	50-59	-
20	Out Going Trunk Queuing; Cancel	60	Attendant Manual Override
21	Speed Calling - Station, Group; Access	62	Call Park; Local Retrieve
22-27	-	63	Call Park; Remote Retrieve

Note: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Split Call Forwarding service. The access codes for Call Forwarding service are specified by SRV=3 (SSCA), SIDA 86-89.

- ◆ When SRV=SSCA (Service code appendix) is assigned

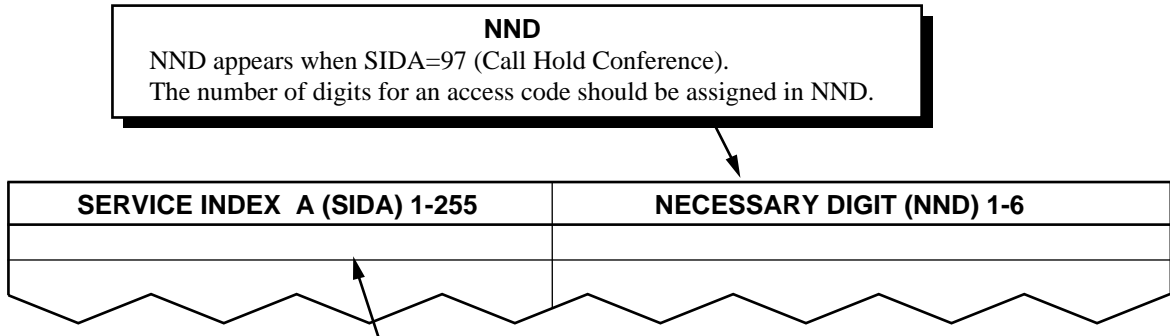


Table 4-5 SIDA

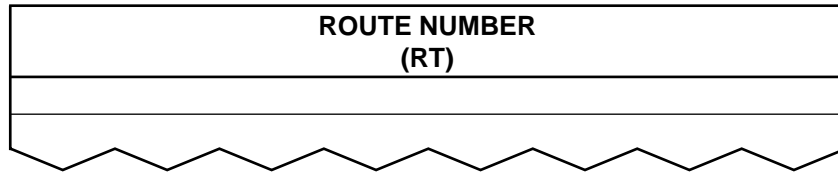
SIDA	SERVICE NAME	SIDA	SERVICE NAME
1-40	-	86	Call Forwarding - All Calls; Entry Note 1
41	Voice Call	87	Call Forwarding - Busy Line; Entry Note 1
42	Message Reminder D ^{term}	88	Call Forwarding - Don't Answer; Entry Note 1
43-45	-	89	Call Forwarding - All Calls; Cancel Note 1
46	Line Load Control from ATTCON; Entry	90	Call Forwarding - Busy Line; Cancel Note 1
47	Line Load Control from ATTCON; Cancel	91	Call Forwarding - Don't Answer; Cancel Note 1
48	Data Privacy on Demand; Entry Note 2	92-95	-
49	Data Privacy on Demand; Cancel	96	Follow Phone
50	UCD Busy out; Entry	97	Call Hold Conference
51	UCD Busy out; Cancel	98	Internal Zone Page Acc.
52	-	99-105	-
53	Boss Secretary Override	106	Call Return
54	Message Waiting Lamp Setting from ATTCON; Set	107	-
55	Message Waiting Lamp Setting from ATTCON; Cancel	108	Number Sharing; Entry
56-62	-	109	Number Sharing; Cancel
63	Call Pickup Expand	110	-
64-65	-	111	Call Block (Restricts the last calling party's number; Entry)
66	Digital Announcement Card Multi-channel Recording; Record	112	Call Block (Restricts dialed number; Entry)
67	-	113	Call Block; Cancel
68	Digital Announcement Card Multi-channel Recording; Retrieve	114-115	-
69-84	-	116	Call Trace
85	Pad Lock; Cancel	117-225	-

Note 1: This data is valid for Call Forwarding service when Split Call Forwarding is in service. (The command ASYD, SYS 1, INDEX 79, bit2 = 1.)

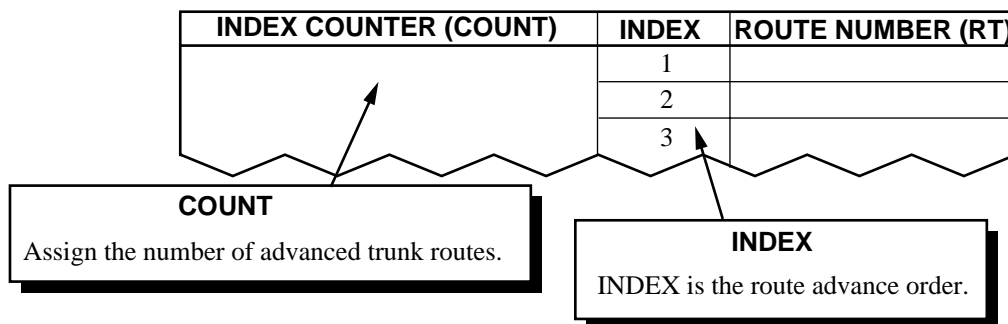
Note 2: This data can be set when the connection Status Index (CI) = Normal (N).

ASPA : Assignment of Special Access Code

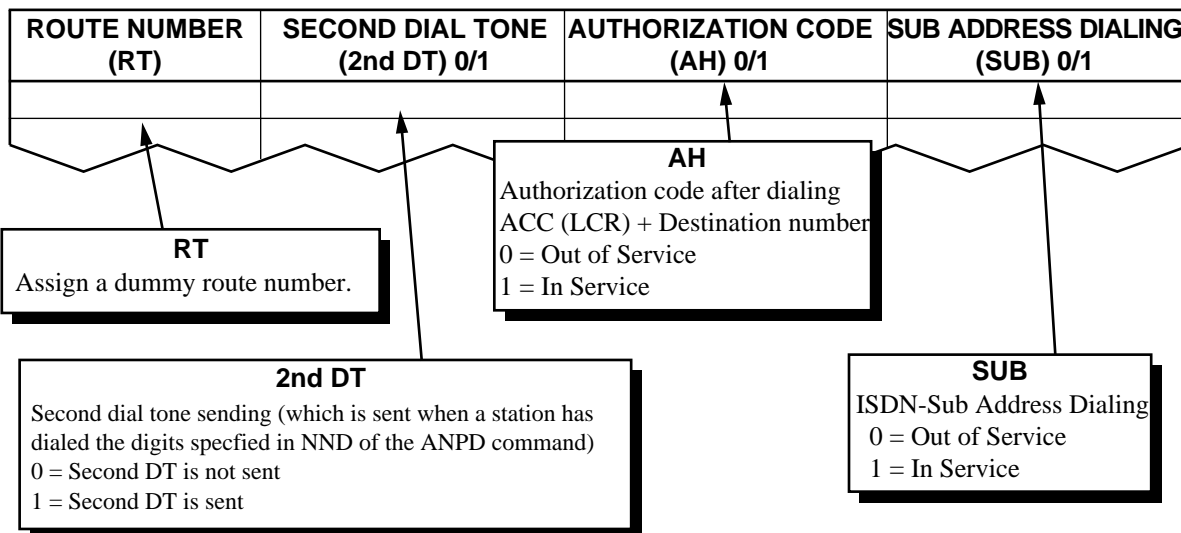
- ◆ When SRV = 4 (Outgoing call, OGC) is assigned
- ◆ When SRV = 11 (Paging answer, PAGA) is assigned
- ◆ When SRV = 12 (Paging cancel, PAGC) is assigned



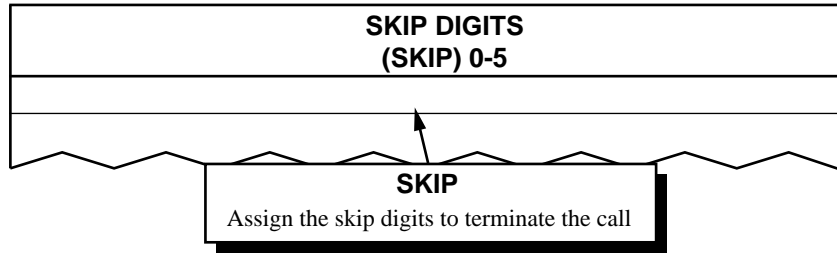
- ◆ When SRV = 5 (Outgoing call with route advance, OGCA) is assigned



- ◆ When SRV = 6 (Least cost routing, LCR) is assigned
- ◆ When SRV = 7 (Register sender LCR, LCRS) is assigned



- ◆ When SRV = UNIF (Office termination, UNIF) is assigned **Note**



Note: UNIF is available for ACIS only. For CCIS, use the AUNE command.

- ◆ When SRV = ANNC (Announcement service, ANNC) is assigned

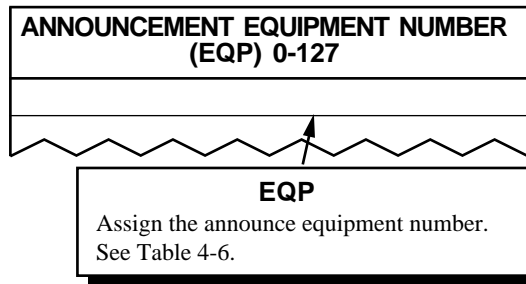


Table 4-6 EQP Parameter

DATA	MEANING	DATA	MEANING
0	Dead Level Number	33	Not Used
1	Unused Number	34	Automated Attendant (1st Announcement)
2	Remote Access to PBX	35	Automated Attendant (2nd Announcement)
3	May be used for other purposes	36	Slumber Time - Do Not Disturb (for Slumber Time Group 1)
4	Outgoing Trunk Busy Announcement	37	Slumber Time - Do Not Disturb (for Slumber Time Group 2)
5-14	May be used for other purposes Note	38	Slumber Time - Do Not Disturb (for Slumber Time Group 3)
15	Alert Service (for Hotel system)	39	Slumber Time - Do Not Disturb (for Slumber Time Group 4)
16	Timed Reminder Set Message (for Business system)	40	Slumber Time - Do Not Disturb (for Slumber Time Group 5)
17	Service Set-up Failure Message (for Hotel system)	41	Slumber Time - Do Not Disturb (for Slumber Time Group 6)

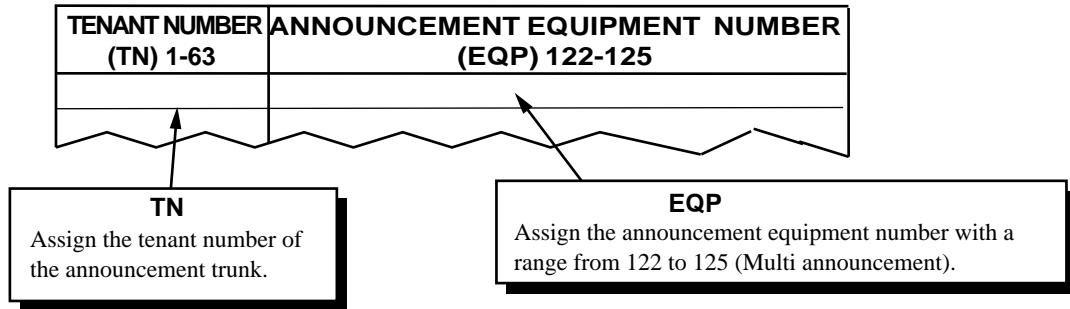
Table 4-6 EQP Parameter (Continued)

DATA	MEANING	DATA	MEANING
18	Timed Reminder Cancel Message (for Business system)/Service Cancel Message (for Hotel Message)	42	Slumber Time - Do Not Disturb (for Slumber Time Group 7)
19	Service Cancel Failure Message (for Hotel system)	43-48	Not Used
20	Room Cut-Off Announcement (for Hotel system)	49-53	Delay Announcement Attendant (1st Announcement)
21	Do Not Disturb Announcement (for Hotel system)	54-58	Delay Announcement Attendant (2nd Announcement)
22	Timed Reminder/Wake up Call Message for Announcement Trunk	59-121	Not Used
23-31	Group Announcement (for Hotel system)	122-125	Multiple Announcement
32	Delay Announcement-Attendant (for U.S.A./Canada only)	126-127	Not Used

Note: EQP3 and 5-14 can be used for SRV = ANNC (Announcement Service).

4. Data Sheet

- ◆ When SRV = 10 (Announcement service-Multiple announcement, ANNC) is assigned



(a) Station (SRV = STN)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS Note	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	NUMBER OF NECESSARY DIGITS (NND) 1 - 5	REMARKS
		N	H			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			
		N	Normal	(STN)		
		H	Hooking			

Note: Max. number of digits for station is 5.

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(b) Service code (SRV = SSC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1-3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1	SERVICE CONTENTS
		H	Hooking	SSC	1		Call Hold
		N	Normal	SSC	2		Dial Access to Attendant (Information Service Call)
		H	Hooking				
		B	Busy	SSC	3		Call Back; Entry Camp on By Station
		H	Hooking				
		B	Busy	SSC	4		Executive Right of Way
		N	Normal	SSC	5		Call Waiting – Originating
		B	Busy				
		N	Normal	SSC	6		Call Back; Cancel
		N	Normal	SSC	7		Call Pickup – Group
		N	Normal	SSC	8		C.F. – All Calls/Split C.F. – All Calls; Entry Note 1
		N	Normal	SSC	9		C.F. – All Calls/Split C.F. – All Calls; Cancel Note 1
		N	Normal	SSC	10		C.F. – Busy Line/Split C.F. – Busy Line; Entry Note 1
		N	Normal	SSC	11		C.F. – Busy Line/Split C.F. – Busy Line; Cancel Note 1
		N	Normal	SSC	12		C.F. – Don't Answer/Split C.F. – Don't Answer; Entry Note 1
		N	Normal	SSC	13		C.F. – Don't Answer/Split C.F. – Don't Answer; Cancel Note 1
		N	Normal	SSC	14		Speed Calling – Station; Entry
		N	Normal	SSC	15		Speed Calling – System; Access
		N	Normal	SSC	16		Trunk Answer from Any Station (TAS)
		N	Normal	SSC	17		Individual Trunk Access
					18		Not used

Note 1: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Split Call Forwarding.

(b) Service code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1-3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note	SERVICE CONTENTS
		B	Busy	SSC	19		OG Trunk Queuing; Entry
		N	Normal	SSC	20		OG Trunk Queuing; Cancel
		N	Normal	SSC	21		Speed Calling – Station, Group; Access
					22 2 27		Not used
		N	Normal	SSC	28		Call Forwarding I'm Here; Set
		N	Normal	SSC	29		Call Forwarding I'm Here; Cancel
					30 2 34		Not used
		N	Normal	SSC	35		Call Pickup – Direct
					36		Not Used
		N	Normal	SSC	37		Priority Call 1
		H	Hooking				
		N	Normal	SSC	38		Priority Call 2
		H	Hooking				
		N	Normal	SSC	39		Priority Call 3
		H	Hooking				
		N	Normal	SSC	40		Priority Paging
		N	Normal	SSC	41		Account Code Dial
		H	Hooking				
		N	Normal	SSC	42		Authorization Code/Forced Account Code/Pad Lock; Set
		H	Hooking				
		H	Hooking	SSC	43		Flash Signal Sending to Main office across CAS Line
		N	Normal	SSC	44		Last Number Call
					45		Not Used
		H	Hooking	SSC	46		Faulty Trunk Report

ASPA : Assignment of Special Access Code

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1-3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note	SERVICE CONTENTS
					47		Not used
	|_|_|_|_|_|	N	Normal	SSC	48		Timed Reminder/Automatic Wake-Up; Entry
	|_|_|_|_|_|	N	Normal	SSC	49		Timed Reminder/Automatic Wake-Up; Cancel
					50 ?		Not used
	|_|_|_|_|_|	N	Normal	SSC	60		Attendant Manual Override
	|_|_|_|_|_|	H	Hooking	SSC	61		Call Park; Entry
	|_|_|_|_|_|	N	Normal	SSC	62		Call Park; Local Retrieve
	|_|_|_|_|_|	N	Normal	SSC	63		Call Park; Remote Retrieve

Note: *The available numbers of necessary digits vary depending on the parameter SID.*

(c) Service code Appendix (SRV = SSCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1-3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1-255	NUMBER OF NECESSARY DIGITS (NND)	SERVICE CONTENTS
					1 2 40		Not used
	|_|_|_|_|_|	H	Hooking	SSCA	41		Voice Call
	|_|_|_|_|_|	B	Busy	SSCA	42		Message Reminder (D ^{term})
	|_|_|_|_|_|	H	Hooking				
					43 2 45		Not used
	|_|_|_|_|_|	N	Normal	SSCA	46		Line Load Control from the ATTCON; Entry
	|_|_|_|_|_|	N	Normal	SSCA	47		Line Load Control from the ATTCON; Cancel
	|_|_|_|_|_|	N	Normal	SSCA	48		Data Privacy on Demand; Entry Note: <i>This data can be set for CI=N (Normal).</i>
	|_|_|_|_|_|	H	Hooking				
	|_|_|_|_|_|	H	Hooking	SSCA	49		Data Privacy on Demand; Cancel
	|_|_|_|_|_|	N	Normal	SSCA	50		UCD Busy Out; Entry
	|_|_|_|_|_|	H	Hooking				
	|_|_|_|_|_|	N	Normal	SSCA	51		UCD Busy Out; Cancel
	|_|_|_|_|_|	H	Hooking				
	|_|_|_|_|_|				52		Not Used
	|_|_|_|_|_|	N	Normal	SSCA	53		Boss Secretary Override
	|_|_|_|_|_|	N	Normal	SSCA	54		Message Waiting Lamp Setting from ATTCON; Set
	|_|_|_|_|_|	N	Normal	SSCA	55		Message Waiting Lamp Setting from ATTCON; Cancel
					56 2 62		Not used
	|_|_|_|_|_|	N	Normal	SSCA	63		Call Pickup Expand
					64		Not used
					65		Not used

ASPA : Assignment of Special Access Code

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1 – 3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 – 255	NUMBER OF NECESSARY DIGITS (NND)	SERVICE CONTENTS
		N	Normal	SSCA	66		Digital Announcement Card Multi-channel Recording: Record
					67		Not used
		N	Normal	SSCA	68		Digital Announcement Card Multi-channel Recording: Retrieve
					69 ?		Not used
		N	Normal	SSCA	85		Pad Lock; Cancel
		N	Normal	SSCA	86		C.F. – All Calls; Entry Note
		N	Normal	SSCA	87		C.F. – Busy Line; Entry Note
		N	Normal	SSCA	88		C.F. – Don't Answer; Entry Note
		N	Normal	SSCA	89		C.F. – All Calls; Cancel Note
		N	Normal	SSCA	90		C.F. – Busy Line; Cancel Note
		N	Normal	SSCA	91		C.F. – Don't Answer; Cancel Note
					92 ?		Not used
					95		
		N	Normal	SSCA	96		Follow Phone
		H	Hooking	SSCA	97		Call Hold Conference
		N	Normal	SSCA	98		Internal Zone Page
		H	Hooking	SSCA			
					99 ?		Not used
		N	Normal	SSCA	106		Call Return
					107		Not used
		N	Normal	SSCA	108		Number Sharing; Entry
		N	Normal	SSCA	109		Number Sharing; Cancel
					110		Not used

ASPA : Assignment of Special Access Code

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1 – 3		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 – 255	NUMBER OF NECESSARY DIGITS (NND)	SERVICE CONTENTS
		N	Normal	SSCA	111		Call Block (restricts the last Calling party's number); Entry
		N	Normal	SSCA	112		Call Block (restricts the dialed number); Entry
		N	Normal	SSCA	113		Call Block; Cancel
					114 ∴ 115		Not used
		N	Normal		116		Call Trace
					117 ∴ 255		Not used

Note: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Call Forwarding.

ASPA : Assignment of Special Access Code

(d) Outgoing Call (SRV = OGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		N	Normal	OGC			
		H	Hooking				
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
		N	Normal	OGC			
		H	Hooking				
		N	Normal	OGC			
		H	Hooking				

(e) Outgoing Call With Route Advance (SRV = OGCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	INDEX COUNTER (COUNT)	ROUTE NUMBER (RT)																
						1st	2nd	3rd	4th	5th	6th	7th	8th									
						9th	10th	11th	12th	13th	14th	15th										
		N	Normal	OGCA																		
		H	Hooking																			
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
			N	Normal	OGCA																	
			H	Hooking																		
		N	Normal	OGCA																		
		H	Hooking																			

ASPA : Assignment of Special Access Code

(f) Least Cost Routing (SRV = LCR)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	FLEXIBLE ROUTE NUMBER (RT)	SECOND DIAL TONE (2nd. DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1	
		N	Normal	LCR					
		H	Hooking						
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
		N	Normal	LCR					
		H	Hooking						
		N	Normal	LCR					
		H	Hooking						

(g) Register Sender LCR (SRV=LCRS)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	FLEXIBLE ROUTE NUMBER (RT)	SECOND DIAL TONE (2nd DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1	
		N	Normal	LCRS					
		H	Hooking						
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
		N	Normal	LCRS					
		H	Hooking						
		N	Normal	LCRS					
		H	Hooking						

ASPA : Assignment of Special Access Code

(h) Office Termination (SRV = UNIF)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	SKIP DIGITS (SKIP) 0 - 5	REMARKS
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
		N	Normal	UNIF		
		H	Hooking			
	N	Normal	UNIF			
	H	Hooking				

(i) Announcement Service (SRV = ANNC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 1 – 127	REMARKS	
		N	Normal	ANNC			
		H	Hooking				
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
		N	Normal	ANNC			
		H	Hooking				
		N	Normal	ANNC			
		H	Hooking				

ASPA : Assignment of Special Access Code

(j) Announcement Service-Multiple Announcement (SRV = ANNCM)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAX. 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 122 – 125	REMARKS	
		N	Normal	ANNCM				
		H	Hooking					
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					

(k) Paging Answer (SRV = PAGA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		N	Normal	PAGA			
		H	Hooking				
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
		N	Normal	PAGA			
		H	Hooking				
		N	Normal	PAGA			
		H	Hooking				

ASPA : Assignment of Special Access Code

(l) Paging Cancel (SRV = PAGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		H	Normal	PAGC			
		N	Hooking				
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
		H	Normal	PAGC			
		N	Hooking				

ASPAL: Assignment of Special Access Code for LDM

1. General

This command determines the kind of service and the service Access Code to be executed on the Local Node (LN) in the Fusion network.

2. Precautions

1. This command is used for the Business/Hotel (for Admin. station only) Application.
2. Use this command to assign the operator call and the priority call (terminating to ATT) in the FCCS network.
3. Access Code for Telephone numbers may be programmed by this command, however, those Telephone numbers are available in the self node only.

Telephone numbers available within the Fusion network are to be programmed at Network Control Node (NCN) using the ANPDN and ASPAN commands. For more details, see NEAX2400 IPX Fusion Network System Manual.

4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number this command affects.

If data for this command is common for all tenants (ASYDL command, SYS1, INDEX800, bit1=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAX. 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B	KIND OF SERVICE (SRV)

ACC
Access code (Max. 6 digits)

CI
N = Normal service
H = Hooking service
B = Busy service

SRV

SSC = Service code SSCA = Service Code Appendix
 OGC = Outgoing call OGCA = Outgoing call with route advance
 LCR = Least cost routing LCRS = Register sender LCR
 ANNC = Announcement Service
 ANNCM = Announcement Service (Multiple Announcement)
 PAGA = Paging Answer PAGC = Paging Cancel
 TELN = Telephone Number **Note**
Note: Telephone Number available in the self node only.

NND1
NND1 appears when SID=15. The number of ADC (Abbreviation Digit Code) digits should be assigned in NND1.

◆ When SRV=SSC (Service code) is assigned;

SERVICE INDEX (SID) 1-63	FUSION POINT CODE (FPC)	NECESSARY DIGIT (NND)	NECESSARY DIGIT FOR SPEED CALLING (NND1) 1-24

SID
See Table 4-7

FPC
FPC appears when the following SID is entered.

SID	Number of FPC
2 (Dial Access to Attendant; Operator Call)	1-253
37 (Priority Call 1)	1-253
38 (Priority Call 2)	1-253
39 (Priority Call 3)	1-253

NND
NND appears when the following SID is entered. NND data is variable depending on SID

SID	Number of digits for NND
15 (Speed Calling-System; Access)	Access Code (1-24)
41 (Account Code Dial)	Access Code+Account code (1-15)
42 (Authorization Code/Forced Account Code/Pad Lock)	Access Code+Auth. code (1-15)
60 (Attendant Manual Override)	Access Code (1-5)
63 (Call Park ; Retrieve)	Access Code (1-3)

Note: This Telephone number is available to make a call and receive a call within the self node only.

If the Telephone number is to be used within the Fusion network, assign it at the Network Control Node (NCN) using the ASPAN command.

Table 4-7 SID (ASPAL)

SID	SERVICE NAME	SID	SERVICE NAME
1	Call Hold	30-34	-
2	Dial Access to Attendant (Operator Call)	35*	Call Pickup - Direct
3	Call Back; Entry/ Camp on By Station	36	Hotel Service Note 3
4	Executive Right of Way	37*	Priority Call 1
5	Call Waiting - Originating	38*	Priority Call 2
6	Call Back; Cancel	39*	Priority Call 3
7	Call Pickup	40	-
8*	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Entry Note 1	41*	Account Code Dial
9	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Cancel Note 1	42*	Authorization Code/Forced Account Code/Pad Lock; Set
10*	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Entry Note 1	43	Flash Signal Sending to Main office across CAS line
11	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Cancel Note 1	44	Last Number Call
12*	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Entry Note 1	45	-
13	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Cancel Note 1	46	Faulty Trunk Report
14*	Speed Calling - Station; Entry	47	-
15*	Speed Calling - System; Access	48	Timed Reminder/Automatic Wake-up; Entry
16	-	49	Timed Reminder/Automatic Wake-up; Cancel
17*	Individual trunk access	50-55	-
18	-	56	Floor Service Note 4
19	Out Going Trunk Queuing; Entry	57	Split Access (Same Number Access) Note 5
20	Out Going Trunk Queuing; Cancel	58, 59	Not used
21*	Speed Calling - Station, Group; Access	60*	Attendant Manual Override
22-27	-	61	Call Park; Entry

Note 1: When Split Call Forwarding is in service (the command ASYDN, SYS1, INDEX79, bit2=1), this access code is used for Split Call Forwarding service. The access codes for Call Forwarding service are specified by SRV = SSCA SIDA 86-89.

Note 2: The access code for the services marked * must be assigned with the same number of digit if the access code begins using the same number. It is not available to assign different number of digit for the access codes (i.e. access code "100" and "10" cannot coexist) in these services.

ASPAL : Assignment of Special Access Code for LDM

Note 3: When SRV = SSC (Service code), SID36 (Hotel Service) is assigned

SERVICE INDEX (SID) 1-63	STATE
36	

STATE (Hotel Service Code)	
1	To be cleaned without ID code
2	Cleaning Completed without ID code
3	Ready for Occupancy without ID code
4	Use Not Allowed without ID code
5-8	-
9	Maid Dial Answer Back without ID code-1
10	Maid Dial Answer Back without ID code-2
11	Maid Dial Answer Back without ID code-3
12	Maid Dial Answer Back without ID code-4
13	Maid Dial Answer Back without ID code-5
14	Maid Dial Answer Back without ID code-6
15	Maid Dial Answer Back without ID code-7
16	-
17	To be cleaned with ID code
18	Cleaning Completed with ID code
19	Ready for Occupancy with ID code
20	Use Not Allowed with ID code
21-24	-
25	Maid Dial Answer Back with ID code-1
26	Maid Dial Answer Back with ID code-2
27	Maid Dial Answer Back with ID code-3
28	Maid Dial Answer Back with ID code-4
29	Maid Dial Answer Back with ID code-5
30	Maid Dial Answer Back with ID code-6
31	Maid Dial Answer Back with ID code-7
32	-
33	Automatic Wake Up Setting, Cancel; Same Special code
34	For Guest Station Secretary Telephone; Boss/Secretary Calling
35	Boss/Secretary Busy out; Set
36	Boss/Secretary Busy out; Cancel
37	-
38	Automatic Wake-Up-Hotel Attendant Assistance Stop
39	Automatic Wake-Up-Hotel Attendant Assistance Stop Cancel
40	Alert Service Start (Hotel ATT)
41	Alert Service Stop (Hotel ATT)
42	Guest Service Telephone Screen Initialized
43	Guest Service Telephone Guest Room Information Retrieval
44	Direct Data Entry-Station (via Guest Station)
45	Alert Service Start (Special Admin. Station)
46	Alert Service Stop (Special Admin. Station)
47	-
48	2nd Wake-Up Call (Automatic) Set
49	2nd Wake-Up Call (Semi-Automatic) Set
50	2nd Wake-Up Call Cancel
51	Same Special Code Time Zone Connection Change
52	Same Special Code Time Zone Connection Change
53	Same Special Code Time Zone Connection Change
54	Same Special Code Time Zone Connection Change
55	Same Special Code Time Zone Connection Change
56-62	-
63	Dummy Number

Note: STATE=1-15 are used at the time of Maid ID Code Service is not provided;
(ASYD SYS1 INDEX 164, bit3=0)
STATE=17-31 are used at the time of Maid ID Code Service is provided;
(ASYD SYS1 INDEX 164, bit3=1)

For detailed information on Hotel Service, refer to the AASP command.

Note 4: When SRV = SSC (Service code), SID56 (Floor Service) is assigned

SERVICE INDEX (SID) 1-63	NO.1
56	

NO.1
(Kind of Assignment Number)
Available numbers are 0-15.
This data is used to assign Floor Service data by the ASPF command.
Note: When programming Floor Service data, ASYD SYS1 INDEX 165, bit7=1 must have been assigned.

Note 5: When SRV = SSC (Service code), SID57 (Split Access) is assigned

SERVICE INDEX (SID) 1-63	NO.2	KIND
57		

NO.2
This parameter specifies the number (0-63) of the access code being assigned for mutual access. This parameter serves as a counter for the access codes being assigned.
Note: This parameter is used when assigning the details of the service by the ASPS command.

KIND: (0-3)
This parameter specifies the Split Access Parameter Classification. The data to be assigned here depends on how the Guest and Administration stations are differentiated.
The Guest and Administration stations may be assigned to separate TNs, RSCs, and/or SFCs, or they may only be differentiated by their respective designations as Administration or Guest.

- 0: Administration/Guest
(Assign this if the access code is to be shared between Guest and Administration with no correspondence to TN, RSC or SFC.)
- 1: TN
(Assign this if the access code is to be shared among specified TNs)
- 2: RSC
(Assign this if the access code is to be shared among specified RSCs)
- 3: SFC
(Assign this if the access code is to be shared among specified SFCs)

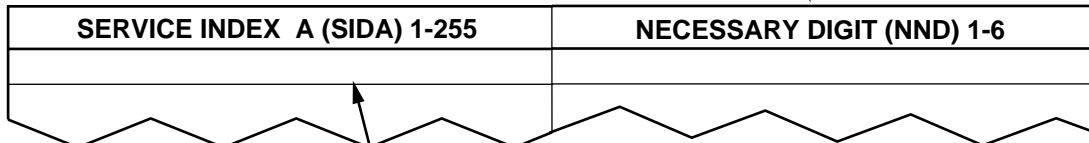
For detailed information on Hotel Service, refer to the AASP command.

ASPAL : Assignment of Special Access Code for LDM

- ◆ When SRV=SSCA (Service Code Appendix) is assigned:

NND

NND appears when SIDA = 97 (Call Hold Conference).
The number of digits for an access code should be assigned NND.



SIDA			
SIDA	Service Name	SIDA	Service Name
1-40	-	85*	Pad Lock; Cancel
41	Voice Call	86*	Call Forwarding-All Calls; Entry Note 2
42	Message Reminder (D ^{term})	87*	Call Forwarding-Busy Line; Entry Note 2
43-45	-	88*	Call Forwarding-Don't Answer; Entry Note 2
46	Line Load Control from ATTCON; Entry	89	Call Forwarding-All Calls; Cancel Note 2
47	Line Load Control from ATTCON; Cancel	90	Call Forwarding-Busy Line; Cancel Note 2
48	Data Privacy on Demand; Entry Note 3	91	Call Forwarding-Don't Answer; Cancel Note 2
49	Data Privacy on Demand; Cancel	92-96	-
50-52	-	97*	Call Hold Conference
53	Boss Secretary Override	98	Internal Zone Paging; Originate
54*	Message Waiting Lamp Setting from ATTCON; Set	99 -105	-
		106	Call Return
55*	Message Waiting Lamp Setting from ATTCON; Cancel	107	-
		108	Number Sharing; Entry
56	Guest/Admin. Service Note 1	109	Number Sharing; Cancel
57-62	-	110	-
63	Call Pickup Expand	111	Call Block (restricts the last calling party's number); Entry
64, 65	-	112	Call Block (restricts the dialed number); Entry
66	Digital Announcement Card Multi-channel Recording; Record	113	Call Block; Cancel
67	-	114, 115	-
68*	Digital Announcement Card Multi-channel Recording; Retrieve	116	Call Trace
69-84	-	117-255	-

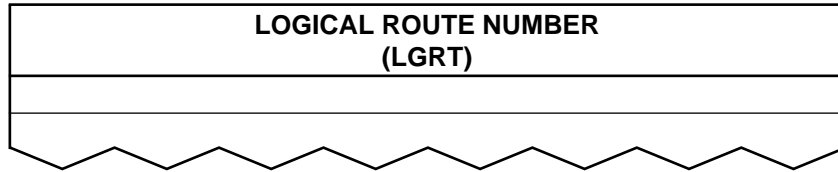
Note 1 : For more detail information about Hotel Service, refer to the AASP command.

Note 2 : This data is valid for Call Forwarding service when Split Call Forwarding is in service (The command ASYD, SYS 1, INDEX 79, bit2=1.)

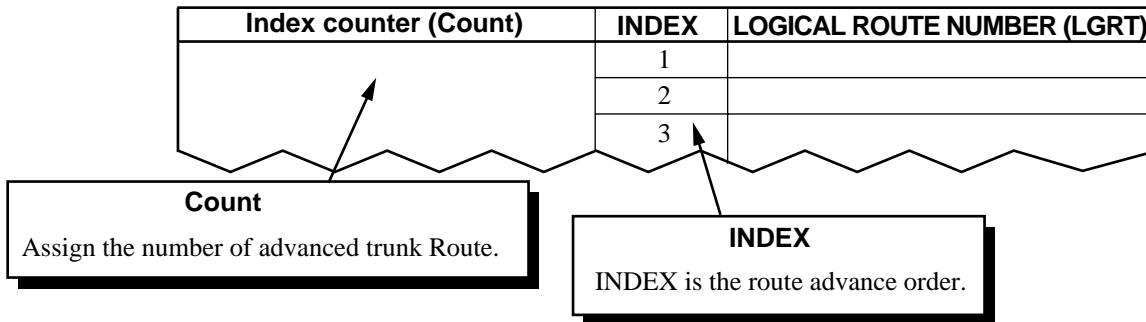
Note 3 : This data can be set when the Connection Status Index (CI) = Normal (N) since Release 5.

Note 4 : The access code for the services marked * on the table must be assigned with the same number of digit if the access code begins using the same number. It is not available to assign different number of digit for the access codes (i.e. access code "100" and "10" cannot coexist) in these Services.

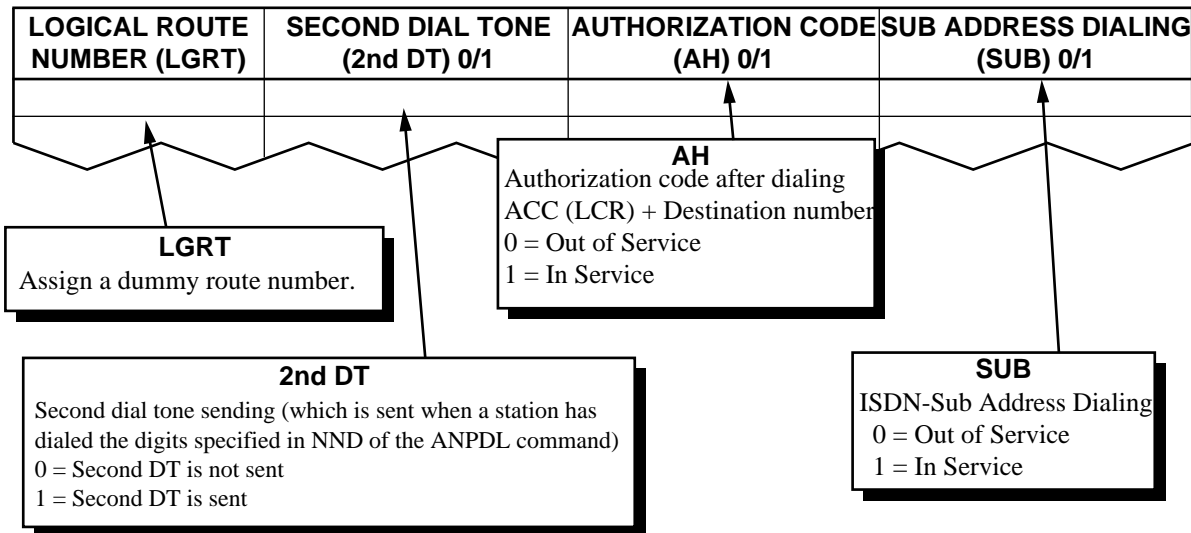
- ◆ When SRV = OGC (Outgoing call) is assigned



- ◆ When SRV = OGCA (Outgoing call with route advance) is assigned

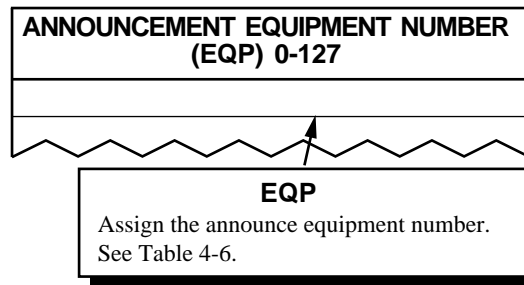


- ◆ When SRV = LCR (Least cost routing) is assigned
- ◆ When SRV = LCRS (Register sender LCR) is assigned

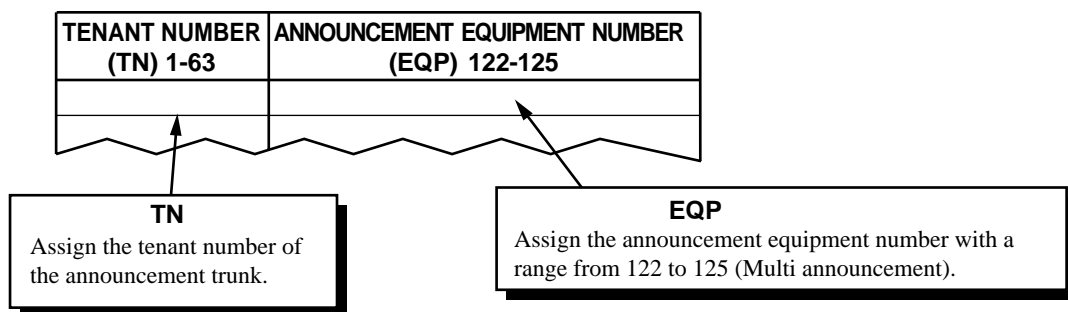


ASPAL : Assignment of Special Access Code for LDM

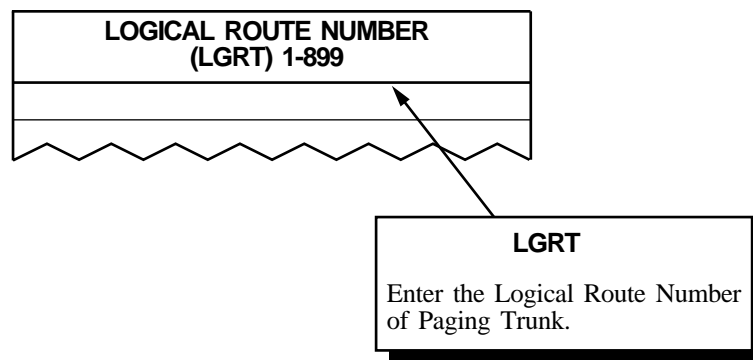
- ◆ When SRV=ANNC (Announcement service-Single announcement) is assigned



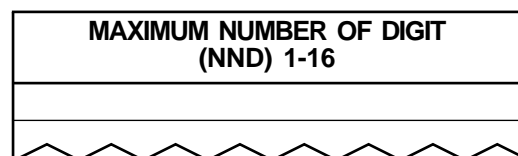
- ◆ When SRV=ANNCM (Announcement service-Multiple announcement) is assigned



- ◆ When SRV=PAGA (Paging Answer) is assigned
- ◆ When SRV=PAGC (Paging Cancel) is assigned



- ◆ When SRV=TELN (Telephone Number)



Note: This Telephone Number is available to make a call and receive a call within the self node only. If the Telephone Number is to be used within the Fusion Network, assign it at Network Control Node (NCN) using the ASPAN command.

4. Data Sheet

(a) Service Code (SRV = SSC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1	SERVICE CONTENTS
		H	Hooking	SSC	1		Call Hold
		N	Normal	SSC	2		Dial Access to Attendant (Operator Call) Note 4
		H	Hooking				
		B	Busy	SSC	3		Call Back; Entry Camp on By Station
		H	Hooking				
		B	Busy	SSC	4		Executive Right of Way
		N	Normal	SSC	5		Call Waiting – Originating
		B	Busy				
		N	Normal	SSC	6		Call Back; Cancel
					7		Not used
		N	Normal	SSC	8		C.F. – All Calls/Split C.F. – All Calls; Entry Note 2
		N	Normal	SSC	9		C.F. – All Calls/Split C.F. – All Calls; Cancel Note 2
		N	Normal	SSC	10		C.F. – Busy Line/Split C.F. – Busy Line; Entry Note 2
		N	Normal	SSC	11		C.F. – Busy Line/Split C.F. – Busy Line; Cancel Note 2
		N	Normal	SSC	12		C.F. – Don't Answer/Split C.F. – Don't Answer; Entry Note 2
		N	Normal	SSC	13		C.F. – Don't Answer/Split C.F. – Don't Answer; Cancel Note 2
		N	Normal	SSC	14		Speed Calling – Station; Entry
		N	Normal	SSC	15		Speed Calling – System; Access Note 3
					16		Not used
		N	Normal	SSC	17		Individual Trunk Access
					18		Not used

Note 1: The parameter may vary depending on the service.

Note 2: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Split Call Forwarding.

Note 3: When Speed Calling-System; Access is assigned, NND1 parameter assignment is required in addition to the NND parameter.

Note 4: Fill in the FPC in place of the parameter NND.

ASPAL : Assignment of Special Access Code for LDM

(a) Service code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1, Note 2	SERVICE CONTENTS
		B	Busy	SSC	19		OG Trunk Queuing; Entry
		N	Normal	SSC	20		OG Trunk Queuing; Cancel
		N	Normal	SSC	21		Speed Calling – Station, Group; Access
					22 ?		Not used
		N	Normal	SSC	28		Call Forwarding I'm Here; Set
		N	Normal	SSC	29		Call Forwarding I'm Here; Cancel
					30 ?		Not used
		N	Normal	SSC	35		Call Pickup – Direct
		N	Normal	SSC	36		Hotel Service Note 3
		N	Normal	SSC	37		Priority Call 1 Note 4
		H	Hooking				
		N	Normal	SSC	38		Priority Call 2 Note 4
		H	Hooking				
		N	Normal	SSC	39		Priority Call 3 Note 4
		H	Hooking				
					40		Not used
		N	Normal	SSC	41		Account Code Dial
		H	Hooking				
		N	Normal	SSC	42		Authorization Code/Forced Account Code/Pad Lock; Set
		H	Hooking				
		H	Hooking	SSC	43		Flash Signal Sending to Main office across CAS Line
		N	Normal	SSC	44		Last Number Call
					45		Not Used
		H	Hooking	SSC	46		Faulty Trunk Report

Note 1: The parameter may vary depending on the service.

Note 2: The available numbers of necessary digits vary depending on the parameter SID.

Note 3: For more detail information about Hotel Service, refer to the AASP command.

Note 4: Fill in the FPC in place of the parameter NND.

(a) Service code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1, Note 2	SERVICE CONTENTS
					47		Not used
		N	Normal	SSC	48		Timed Reminder/Automatic Wake-Up; Entry
		N	Normal	SSC	49		Timed Reminder/Automatic Wake-Up; Cancel
					50 55		Not used
		N	Normal	SSC	56		Floor Service Note 3
		N	Normal	SSC	57		Split Access (Same Number Access) Note 3
					58, 59		Not used
		N	Normal	SSC	60		Attendant Manual Override
		H	Hooking	SSC	61		Call Park; Entry
		N	Normal	SSC	62		Call Park; Local Retrieve
		N	Normal	SSC	63		Call Park; Remote Retrieve

Note 1: The parameter may vary depending on the service.

Note 2: The available numbers of necessary digits vary depending on the parameter SID.

Note 3: For more detail information about Hotel Service, refer to the AASP command.

ASPAL : Assignment of Special Access Code for LDM

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS
	_____	N	Normal	SSC	36	1	To be cleaned without ID Code
	_____					2	Cleaned without ID Code
	_____					3	Ready for Occupancy without ID Code
	_____					4	Use Not Allowed without ID Code
	_____					5	Not used
	_____					6	
	_____					7	
	_____					8	
	_____					9	Maid Dial Answer Back without ID Code-1
	_____					10	Maid Dial Answer Back without ID Code-2
	_____					11	Maid Dial Answer Back without ID Code-3
	_____					12	Maid Dial Answer Back without ID Code-4
	_____					13	Maid Dial Answer Back without ID Code-5
	_____					14	Maid Dial Answer Back without ID Code-6
	_____					15	Maid Dial Answer Back without ID Code-7
	_____					16	Not used
	_____					17	To be cleaned with ID code
	_____					18	Cleaned with ID Code
	_____					19	Ready for Occupancy with ID Code
	_____					20	Use Not Allowed with ID Code

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS
		N	Normal	SSC	36	21	Not used
						24	
						25	Maid Dial Answer Back with ID Code-1
						26	Maid Dial Answer Back with ID Code-2
						27	Maid Dial Answer Back with ID Code-3
						28	Maid Dial Answer Back with ID Code-4
						29	Maid Dial Answer Back with ID Code-5
						30	Maid Dial Answer Back with ID Code-6
						31	Maid Dial Answer Back with ID Code-7
						32	Not used
						33	Automatic Wake-Up Setting, Cancel; Same Special Code
						34	For Guest Station Secretary Telephone; Boss/Secretary
						35	Not used
						36	
						37	
						38	Automatic Wake-Up – Hotel Attendant Assistance Stop; Set
						39	Automatic Wake-Up – Hotel Attendant Assistance Stop; Cancel

ASPAL : Assignment of Special Access Code for LDM

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B	KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS	
		N	Normal	SSC	36	40	Alert Service Start (Hotel ATT)
						41	Alert Service Stop (Hotel ATT)
						42	Guest Service Telephone Screen Initialization
						43	Guest Service Telephone Guest Room Information Retrieval
						44	Direct Data Entry – STA
						45	Alert Service Start (Special Admin. Station)
						46	Alert Service Stop (Special Admin. Station)
						47	Not used
						48	2nd Wake-Up Call (Automatic); Set
						49	2nd Wake-Up Call (Semi-Automatic); Set
						50	2nd Wake-Up Call; Cancel
						51	Same Special Code Time Zone Connection Change
						52	Same Special Code Time Zone Connection Change
						53	Same Special Code Time Zone Connection Change
						54	Same Special Code Time Zone Connection Change
						55	Same Special Code Time Zone Connection Change
						56	Not used
						62	
						63	Dummy Number

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID)	SERVICE INDEX NUMBER (No.) 0 – 15	SERVICE CONTENTS
	| | | | | |	N	Normal	SSC	56	0	
	| | | | | |	N	Normal	SSC	56	1	
	| | | | | |	N	Normal	SSC	56	2	
	| | | | | |	N	Normal	SSC	56	3	
	| | | | | |	N	Normal	SSC	56	4	
	| | | | | |	N	Normal	SSC	56	5	
	| | | | | |	N	Normal	SSC	56	6	
	| | | | | |	N	Normal	SSC	56	7	
	| | | | | |	N	Normal	SSC	56	8	
	| | | | | |	N	Normal	SSC	56	9	
	| | | | | |	N	Normal	SSC	56	10	
	| | | | | |	N	Normal	SSC	56	11	
	| | | | | |	N	Normal	SSC	56	12	
	| | | | | |	N	Normal	SSC	56	13	
	| | | | | |	N	Normal	SSC	56	14	
	| | | | | |	N	Normal	SSC	56	15	

ASPAL : Assignment of Special Access Code for LDM

(a) Service Code (SRV = SSC) (Continued)

Note: *Split Access (Same Number Access) (SID = 57)*

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID)	ASSIGN NUMBER (NO.) 0 - 63	KIND OF FUNCTION (KIND) 0 - 3	SERVICE CONTENTS
		N	Normal	SSC	57			

(b) Service Code Appendix (SRV = SSCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 – 255	SERVICE CONTENTS
					1 ⋮ 40	Not used
	|_|_|_|_|_|	H	Hooking	SSCA	41	Voice Call
	|_|_|_|_|_|	B	Busy	SSCA	42	Message Reminder (D ^{term})
		H	Hooking			
					43 ⋮ 45	Not used
	|_|_|_|_|_|	N	Normal	SSCA	46	Line Load Control from ATTCON; Entry
	|_|_|_|_|_|	N	Normal	SSCA	47	Line Load Control from ATTCON; Cancel
	|_|_|_|_|_|	N	Normal	SSCA	48	Data Privacy on Demand; Entry
		H	Hooking			
	|_|_|_|_|_|	H	Hooking	SSCA	49	Data Privacy on Demand; Cancel
	|_|_|_|_|_|	N	Normal	SSCA	50	UCD Busy Out; Entry
	|_|_|_|_|_|	H	Hooking			
	|_|_|_|_|_|	N	Normal	SSCA	51	UCD Busy Out; Cancel
	|_|_|_|_|_|	H	Hooking			
					52	Not Used
	|_|_|_|_|_|	N	Normal	SSCA	53	Boss Secretary Override
	|_|_|_|_|_|	N	Normal	SSCA	54	Message Waiting Lamp Setting from ATTCON; Set
	|_|_|_|_|_|	N	Normal	SSCA	55	Message Waiting Lamp Setting from ATTCON; Cancel
	|_|_|_|_|_|	N	Normal	SSCA	56	Guest/Admin. Service Note 2
	|_|_|_|_|_|	H	Hooking			
	|_|_|_|_|_|	B	Busy			
					57 ⋮ 62	Not used
	|_|_|_|_|_|	N	Normal	SSCA	63	Call Pickup Expand
					64, 65	Not used
	|_|_|_|_|_|	N	Normal	SSCA	66	Digital Announcement Card Multi-channel Recording: Record
					67	Not used

Note 1: The parameter may vary depending on the service.

Note 2: For detailed information about Hotel Service, refer to the AASP command.

ASPAL : Assignment of Special Access Code for LDM

(b) Service Code Appendix (SRV = SSCA) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 - 255	NECESSARY DIGIT (NND) 1 - 6	SERVICE CONTENTS
		N	Normal	SSCA	68		Digital Announcement Card Multi-channel Recording: Retrieve
					69 ? 84		Not used
		N	Normal	SSCA	85		Pad Lock; Cancel
		N	Normal	SSCA	86		C.F. – All Calls; Entry Note
		N	Normal	SSCA	87		C.F. – Busy Line; Entry Note
		N	Normal	SSCA	88		C.F. – Don't Answer; Entry Note
		N	Normal	SSCA	89		C.F. – All Calls; Cancel Note
		N	Normal	SSCA	90		C.F. – Busy Line; Cancel Note
		N	Normal	SSCA	91		C.F. – Don't Answer; Cancel Note
					92 ? 96		Not used
		N	Normal	SSCA	97		Call Hold Conference
		N	Normal	SSCA	98		Internal Zone Paging; Originate
		H	Hooking	SSCA			
					99 ? 105		Not used
		N	Normal	SSCA	106		Call Return
					107		Not used
		N	Normal	SSCA	108		Number Sharing; Entry
		N	Normal	SSCA	109		Number Sharing; Cancel
					110		Not used
		N	Normal	SSCA	111		Call Block (restricts the last calling party's number); Entry
		N	Normal	SSCA	112		Call Block (restricts the dialed number); Entry
		N	Normal	SSCA	113		Call Block; Cancel
					114 ? 115		Not used
		N	Normal	SSCA	116		Call Trace
					117 ? 255		Not used

Note: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Call Forwarding.

(c) Outgoing Call (SRV = OGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	LOGICAL ROUTE NUMBER (LGRT)	REMARKS	
		N	Normal	OGC			
		H	Hooking				
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
		N	Normal	OGC			
		H	Hooking				
		N	Normal	OGC			
		H	Hooking				
		N	Normal	OGC			
		H	Hooking				

ASPAL : Assignment of Special Access Code for LDM

(d) Outgoing Call With Route Advance (SRV = OGCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	INDEX COUNTER (COUNT)	LOGICAL ROUTE NUMBER (LGRT)												
						1st	2nd	3rd	4th	5th	6th	7th	8th					
						9th	10th	11th	12th	13th	14th	15th						
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
		N	Normal	OGCA														
		H	Hooking															
	N	Normal	OGCA															
	H	Hooking																
	N	Normal	OGCA															
	H	Hooking																

(e) Least Cost Routing (SRV = LCR)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	LOGICAL ROUTE NUMBER (LGRT)	SECOND DIAL TONE (2nd. DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1
		N	Normal					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
		N	Normal	LCR				
		H	Hooking					
	N	Normal	LCR					
	H	Hooking						

ASPAL : Assignment of Special Access Code for LDM

(f) Register Sender LCR (SRV = LCRS)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	LOGICAL ROUTE NUMBER (LGRT)	SECOND DIAL TONE (2nd DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1	
		N	Normal						
		N	Normal	LCRS					
		H	Hooking						
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
		N	Normal	LCRS					
		H	Hooking						
		N	Normal	LCRS					
		H	Hooking						

(g) Announcement Service (SRV = ANNC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 1 - 127	REMARKS
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			
		N	Normal	ANNC		
		H	Hooking			

ASPAL : Assignment of Special Access Code for LDM

(h) Announcement Service-Multiple Announcement (SRV = ANNCM)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAX. 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 122 – 125	REMARKS	
		N	Normal	ANNCM				
		H	Hooking					
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					

(i) Paging Answer (SRV = PAGA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		N	Normal	PAGA			
		H	Hooking				
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
		N	Normal	PAGA			
		H	Hooking				
		N	Normal	PAGA			
		H	Hooking				

ASPAL : Assignment of Special Access Code for LDM

(j) Paging Cancel (SRV = PAGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		H	Normal	PAGC			
		N	Hooking				
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
		H	Normal	PAGC			
		N	Hooking				

(k) Telephone Number (SRV = TELN)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	NUMBER OF NECESSARY DIGITS (NND) 1-24	REMARKS
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
	N	Normal	TELN			
	H	Hooking				

AMND: Assignment of Maximum Necessary Digits Data

1. General

This command assigns the number of necessary digits to be received by the Register (ORT/IRT) circuit.

2. Precautions

1. When the dialed number for the outgoing call is started as assigned by the DC parameter, and when the digits specified by the MND parameter have been dialed, the following happen simultaneously.

- (a) The SND circuit starts to transmit the number information to the external trunk route.
- (b) The Originating Register (ORT) circuit is released.

If the originating party dials more digits after the MND, and the data in the ASYD command is SYS1, INDEX43, bit7 = 1, the call is restricted.

2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX93, bit6=1), assign the TN parameter as data "1" for all tenants.
3. If the Authorization Code service is used, split tenants using the ASYD command. (SYS1, INDEX93, bit6=0)
4. For the Authorization Code service feature, enter the following:

TN = 0 (Tenant number zero)

DC = Enter the first digit of the Authorization Code (assigned by the AATC command).

MND = Enter the number of "Authorization Code digits + Check Sum 2 digits (if the checksum method is applied by the ASYD command, SYS1 INDEX12 -14)"

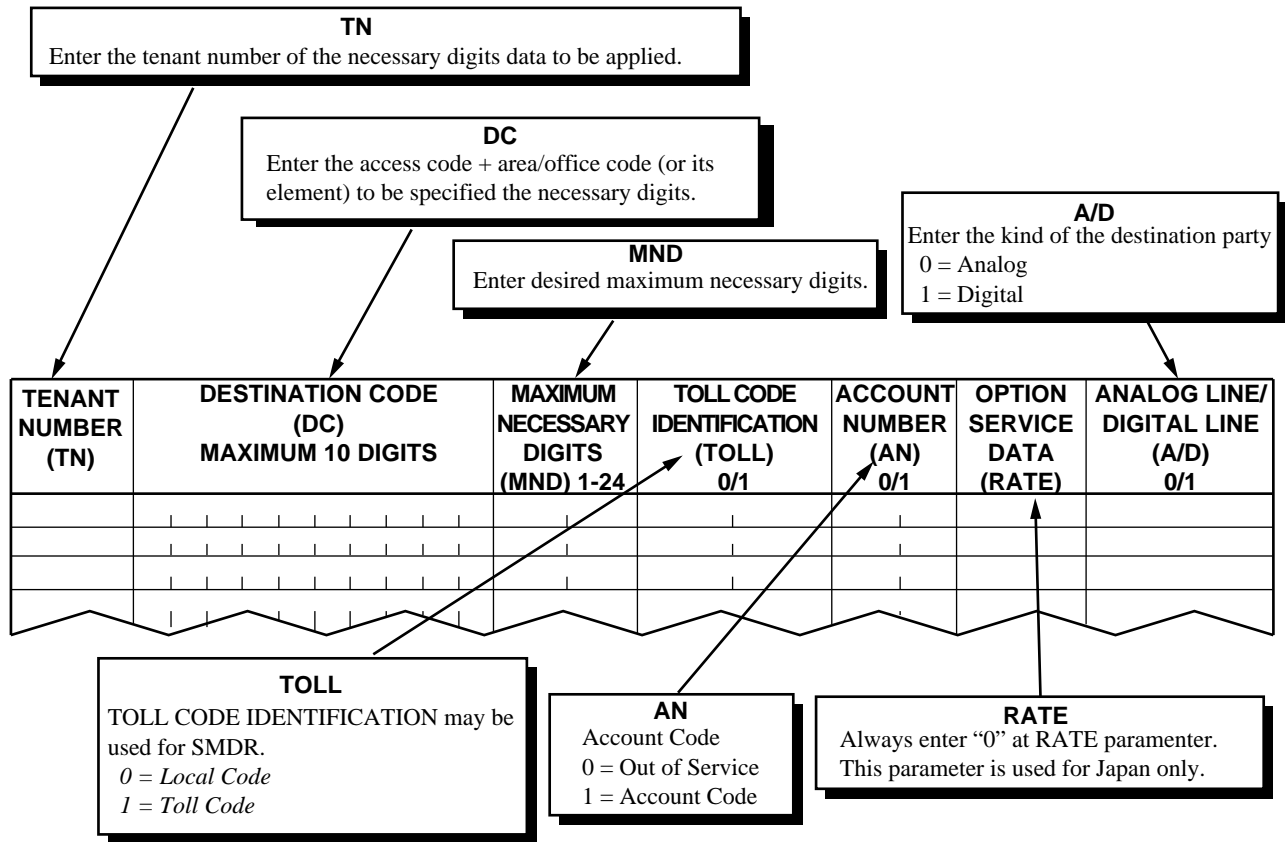
TOLL = 0

AN = 0

RATE = 0

A/D = 0

3. Data Entry Instructions



AMND : Assignment of Maximum Necessary Digits Data

4. Data Sheet

TENANT NUMBER (TN)	DESTINATION CODE (DC) MAXIMUM 10 DIGITS	MAXIMUM NECESSARY DIGITS (MND) 1 - 24	TOLL CODE IDENTIFICATION (TOLL) 0/1	ACCOUNT NUMBER (AN) 0/1	OPTION SERVICE DATA (RATE)	ANALOG/ DIGITAL LINE DATA (A/D) 0/1
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	

ARNP: Assignment of Reverse Numbering Plan Data

1. General

This command assigns the access code for each individual route in accordance with the ARTD command.

2. Precautions

1. The ARNP command assignment is required in either of the following cases:
 - (a) ASPA command SRV = LCR or SRV = LCRS
 - (b) ARTD command SMDR = 1 (SMDR is provided)
2. The reversed number (ACC) assigned in this command is output to the SMDR as an access code for the originating call.
3. The one access code can be entered to different routes; however, multiple access codes cannot be entered to one route.
4. If Centralized Billing-CCIS, Call Back-CCIS, and Calling/Called Number Display-CCIS service is provided in the Open Numbering Network, the following data should be assigned:
RT = 0
ACC = The Office Code of the self office (including ACC for the originating call)
5. When programming the reverse numbering plan data for ISDN/CCIS, assign the B-channel/voice channel trunk route in the RT parameter.

3. Data Entry Instructions

RT
The external trunk route number.

ACC
Enter the ACC.

ROUTE NUMBER (RT)	ACCESS CODE (ACC) MAXIMUM 4 DIGITS	REMARKS

ARNPL: Assignment of Reverse Numbering Plan Data for LDM

1. General

This command assigns the access code for each individual logical route in accordance with the ARTDN command.

2. Precautions

1. The ARNPL command assignment is required in either of the following cases:
 - (a) ASPAL/ASPAN command SRV = LCR or SRV= LCRS
 - (b) ARTD/ARTDN command SMDR = 1 (SMDR is provided)
2. The reversed number (ACC) assigned in this command is output to the SMDR as an access code for the originating call.
3. The one access code can be entered to different logical routes; however, multiple access codes cannot be entered to one logical route.

When programming the reverse numbering plan data for ISDN/CCIS, assign the B-channel/voice channel trunk route in the LGRT parameter.

4. When programming the reverse numbering plan data for ISDN/CCIS, assign the B-channel/voice channel trunk route in the RT parameter.

3. Data Entry Instructions

LGRT
The external trunk route number.

ACC
Enter the ACC.

LOGICAL ROUTE NUMBER (LGRT)	ACCESS CODE (ACC) MAXIMUM 4 DIGITS	REMARKS

ARNPL : Assignment of Reverse Numbering Plan Data for LDM

4. Data Sheet

LOGICAL ROUTE NUMBER (LGRT)	ACCESS CODE (ACC) MAXIMUM 4 DIGITS	REMARKS
0		Self Office Identification Code (for No.7 CCIS)

ANND: Assignment of Necessary Digits Data

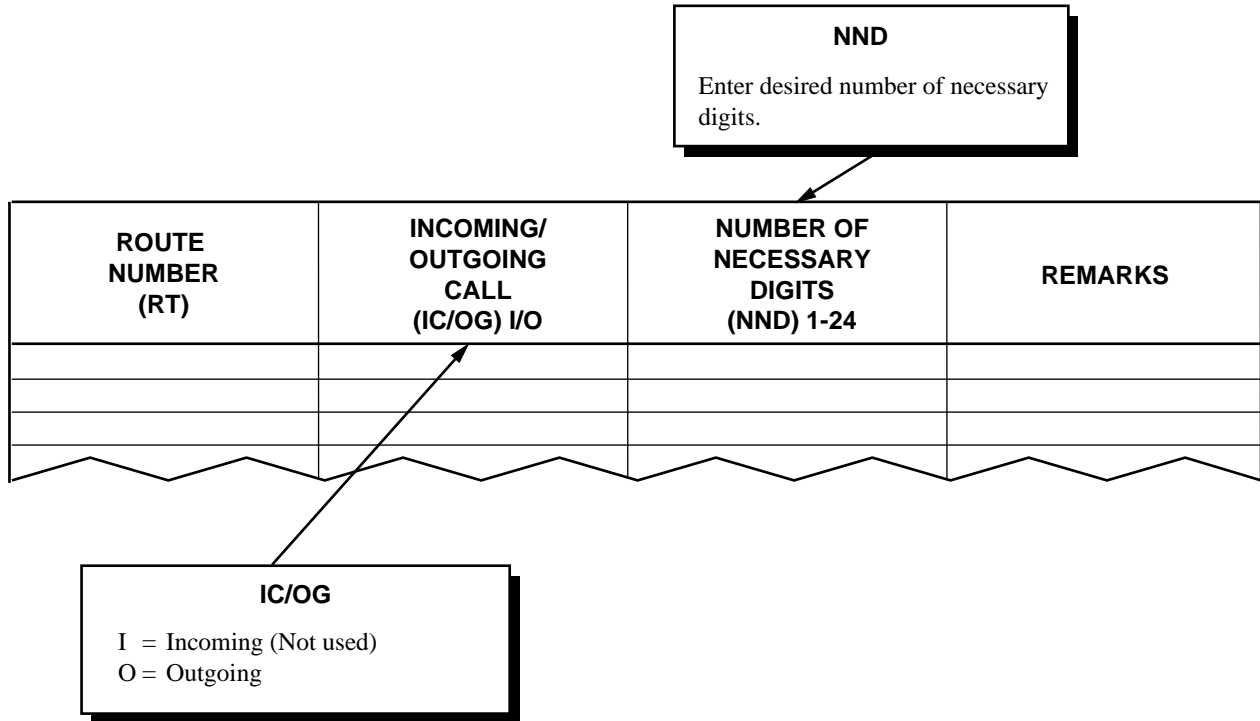
1. General

This command assigns the necessary number of digits for a particular trunk route.

2. Precautions

1. This command is needed when the originating call uses both OG mode and signaling as follows:
 - (a) ASPA command SRV = 4/5 (OGC/OGCA)
 - (b) ARTD command OSGS = 4/6/7 (Sender Immediate Start/Sender Delay Dial Start/Sender Wink Start)
2. When the number of the digits for an originating call specified by the NND parameter is dialed, the following occur at the same time.
 - (a) The SND circuit starts to transmit the number information to the external trunk route.
 - (b) The Originating Register (ORT) circuit is released.
3. The NND parameter assigned by this command determines the number of necessary digits to be received by the originating register (ORT) circuit.
4. The data entered in the NND parameter should include the number of digits of the trunk access code.

3. Data Entry Instructions



ANNDL: Assignment of Necessary Digits Data for LDM

1. General

This command assigns the necessary number of digits for a particular logical trunk route.

2. Precautions

1. This command is needed when the originating call uses both OG mode and signaling as follows:
 - (a) ASPAL/ASPAN command SRV = OGC/OGCA
 - (b) ARTD/ARTDN command OSGS = 4/6/7 (Sender Immediate Start/Sender Delay Dial Start/Sender Wink Start)
2. When the number of the digits for an originating call specified by the NND parameter is dialed, the following occurs at the same time.
 - (a) The SND circuit starts to transmit the number information to the external trunk route.
 - (b) The Originating Register (ORT) circuit is released.
3. The NND parameter assigned by this command determines the number of necessary digits to be received by the originating register (ORT) circuit.
4. The data entered in NND parameter should include the number of digits of the trunk access code.

3. Data Entry Instructions

IC/OG

I = Incoming (Not used)
O = Outgoing

NND

Enter desired number of necessary digits.

LOGICAL ROUTE NUMBER (LGRT) 1-899	INCOMING/OUTGOING CALL (IC/OG) I/O	NUMBER OF NECESSARY DIGITS (NND) 1-24	REMARKS

4. Data Sheet

LOGICAL ROUTE NUMBER (LGRT)	INCOMING/ OUTGOING CALL (IC/OG) I/O	NUMBER OF NECESSARY DIGITS (NND) 1 – 24	REMARKS	LOGICAL ROUTE NUMBER (LGRT)	INCOMING/ OUTGOING CALL (IC/OG) I/O	NUMBER OF NECESSARY DIGITS (NND) 1 – 24	REMARKS

ASTP: Assignment of Signal Translation Pattern

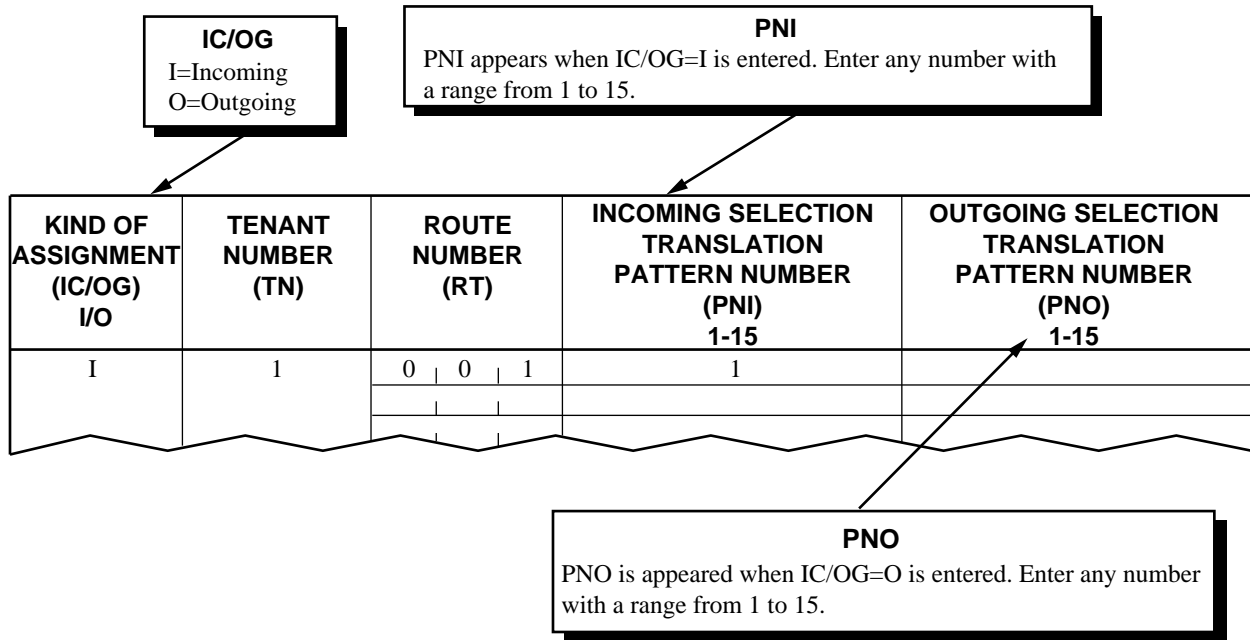
1. General

This command assigns the Incoming/Outgoing Selection Translation Pattern Number (PNI/PNO) for the incoming or outgoing trunk route.

2. Precautions

1. The PNI/PNO is an intermediate parameter to assign an additional number (and skip digits) by the AISP/AOSP command.
 - (a) When IC/OG = 1 (Incoming) is entered, the additional number is assigned by the AISP command.
 - (b) When IC/OG = 2 (Outgoing) is entered, the additional number and skip digits are assigned by the AOSP command.
2. The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTP/AOSP command. Since the additional number and skip digits can be assigned by the AOPR/AADC command for LCR/LCRS method, the ASTP/AOSP command may not be required.
3. The system processes ASTP/AISP commands prior to processing the numbering plan data. If the LCR access code is added to the received numbers by the ASTP/AISP command, the system processes the LCR related commands such as ASPA/AFRS /AOPR.
4. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number this command affects. If data for this command is common for all tenants (ASYD command, SYS1, INDEX93, bit4,5=1), assign the TN parameter as data "1" for all tenants.

3. Data Entry Instructions



ASTP : Assignment of Signal Translation Pattern

4. Data Sheet

(a) Incoming

KIND OF ASSIGNMENT (IC/OG) 1/2	TENANT NUMBER (TN)	ROUTE NUMBER (RT)	INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1 – 15	REMARKS
1		| | |	|	

(b) Outgoing

KIND OF ASSIGNMENT (IC/OG) 1/2	TENANT NUMBER (TN)	ROUTE NUMBER (RT)	OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1 - 15	REMARKS
2		| | |	|	

ASTPL: Assignment of Signal Translation Pattern for LDM

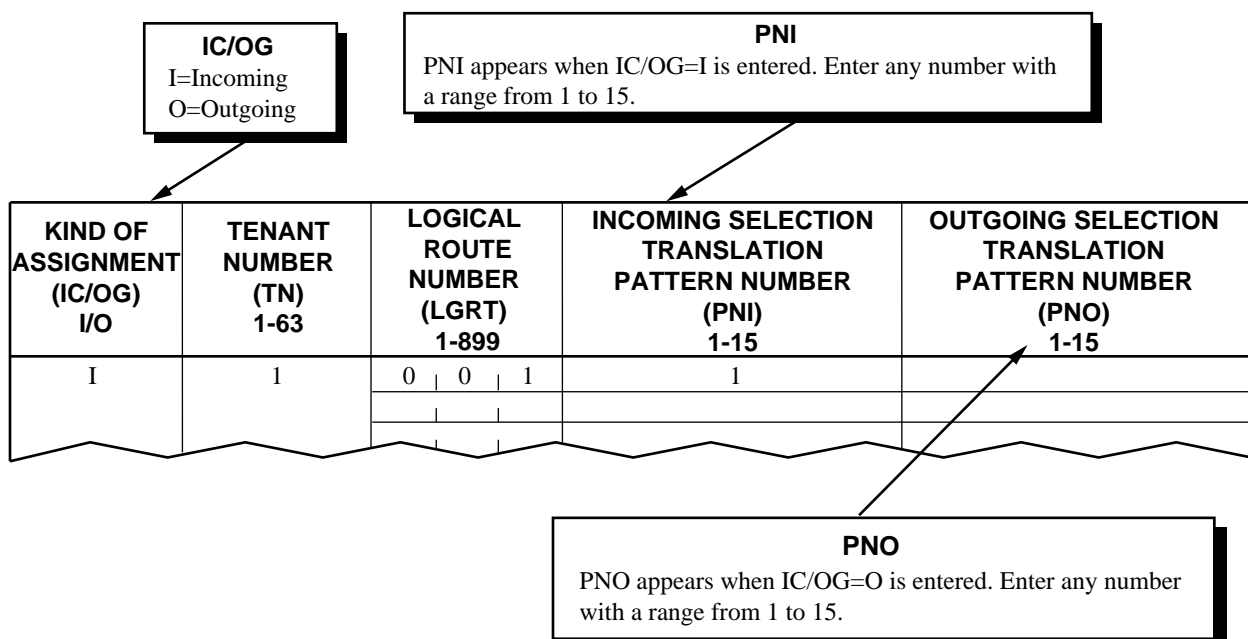
1. General

This command assigns the Incoming/Outgoing Selection Translation Pattern Number (PNI/PNO) for incoming or outgoing trunk route. This data is written in Local Data Memory (LDM).

2. Precautions

- The PNI/PNO is an intermediate parameter to assign additional number (and skip digits) by the AISPL/AOSPL command.
 - When IC/OG=I (Incoming) is entered, the additional number is assigned by the AISPL command.
 - When IC/OG=O (Outgoing) is entered, the additional number and skip digits are assigned by the AOSPL command.
- The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTPL/AOSPL command. Since the additional number and skip digits can be assigned by the AOPRL /AADCL command for LCR/LCRS method, the ASTPL/AOSPL command may not be required.
- The system processes ASTPL/AISPL command prior to the numbering plan data. Thus, if the LCR access code is added to the received numbers by the ASTPL/AISPL command, the system processes the LCR related command such as ASPAL/AFRSL /AOPRL.
- The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number in which this command effects. If data of this command is common for all tenants (ASYDL command, SYS1, INDEX800, bit4,5=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions



4. Data Sheet

(a) Incoming

KIND OF ASSIGNMENT (IC/OG) I/O	TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1-15	REMARKS
I				

ASTPL : Assignment of Signal Translation Pattern for LDM

(b) Outgoing

KIND OF ASSIGNMENT (IC/OG) I/O	TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1-15	REMARKS
O				

ASTPN: Assignment of Signal Translation Pattern for NDM

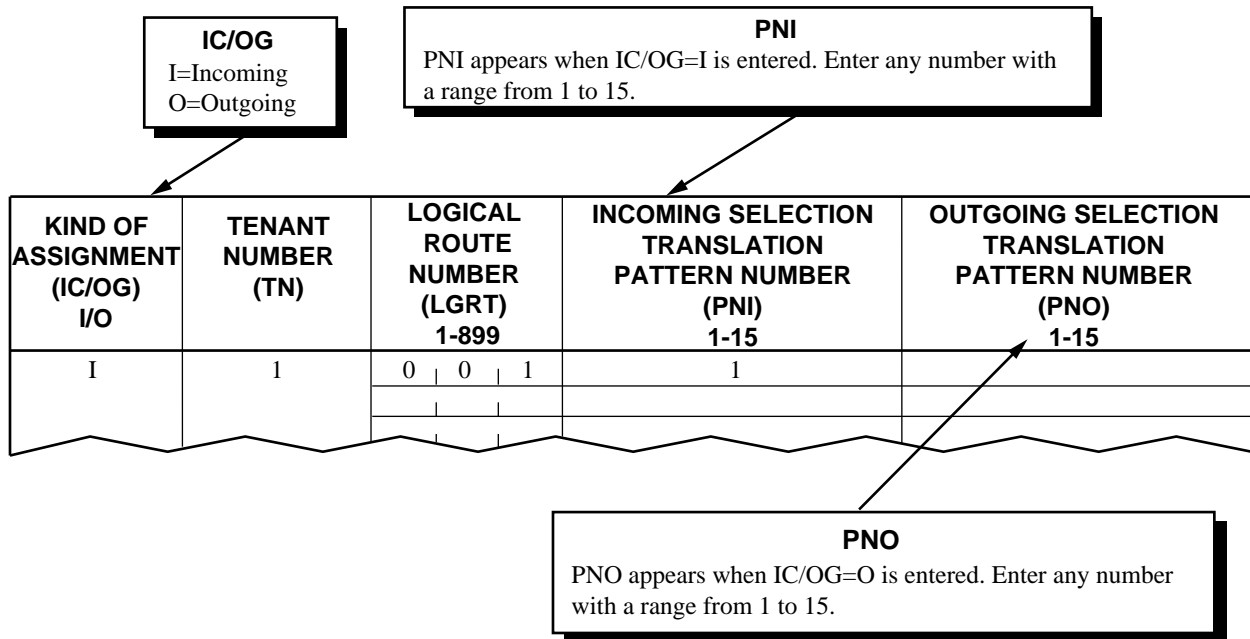
1. General

This command assigns the Incoming/Outgoing Selection Translation Pattern Number (PNI/PNO) for incoming or outgoing trunk route in Fusion Network. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The PNI/PNO is an intermediate parameter to assign additional number (and skip digits) by the AISP/AOSP command.
 - (a) When IC/OG=I (Incoming) is entered, the additional number is assigned by the AISP command.
 - (b) When IC/OG=O (Outgoing) is entered, the additional number and skip digits are assigned by the AOSP command.
2. The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTPN/AOSP command. Since the additional number and skip digits can be assigned by the AOPR /AADCN command for LCR/LCRS method, the ASTPN/AOSP command may not be required.
3. The system processes ASTPN/AISP command prior to the numbering plan data. Thus, if the LCR access code is added to the received numbers by the ASTPN/AISP command, the system processes the LCR related command such as ASPAN/AFRSN /AOPR.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. Enter the tenant number in which this command effects. If data of this command is common for all tenants (ASYDN command, SYS1, INDEX800, bit4,5=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions



4. Data Sheet

(a) Incoming

KIND OF ASSIGNMENT (IC/OG) I/O	TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1-15	REMARKS
I				

ASTPN : Assignment of Signal Translation Pattern for NDM

(b) Outgoing

KIND OF ASSIGNMENT (IC/OG) I/O	TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1-15	REMARKS
O		| | |	| |	

AOSP: Assignment of Outgoing Selection Pattern

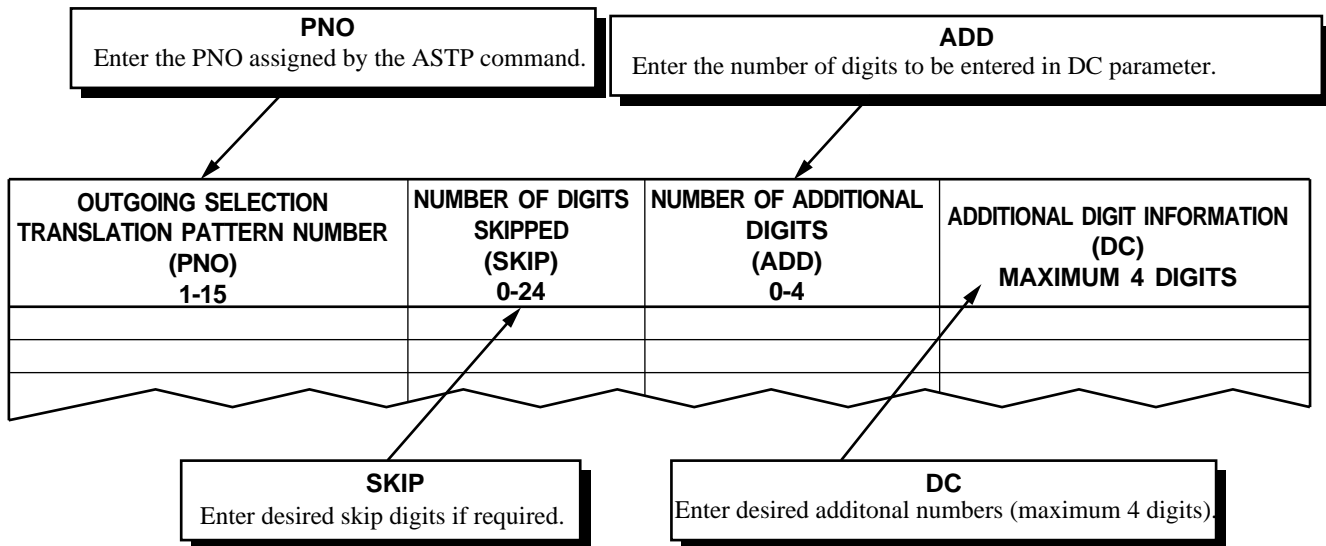
1. General

This command assigns skip and additional digits information for Outgoing Selection Translation Pattern Number (PNO).

2. Precautions

1. Before using this command, make sure that an Outgoing Selection Translation Pattern Number (PNO) has been assigned in the ASTP command.
2. The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTP/AOSP command. Since the additional number and skip digits can be assigned by the AOPR/AADC command for LCR/LCRS method, the ASTP/AOSP command may not be required.

3. Data Entry Instructions



AOSP : Assignment of Outgoing Selection Pattern

4. Data Sheet

OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1 – 15	NUMBER OF DIGITS SKIPPED (SKIP) 0 – 24	NUMBER OF ADDITIONAL DIGITS (ADD) 0 – 4	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

AOSPL: Assignment of Outgoing Selection Pattern for LDM

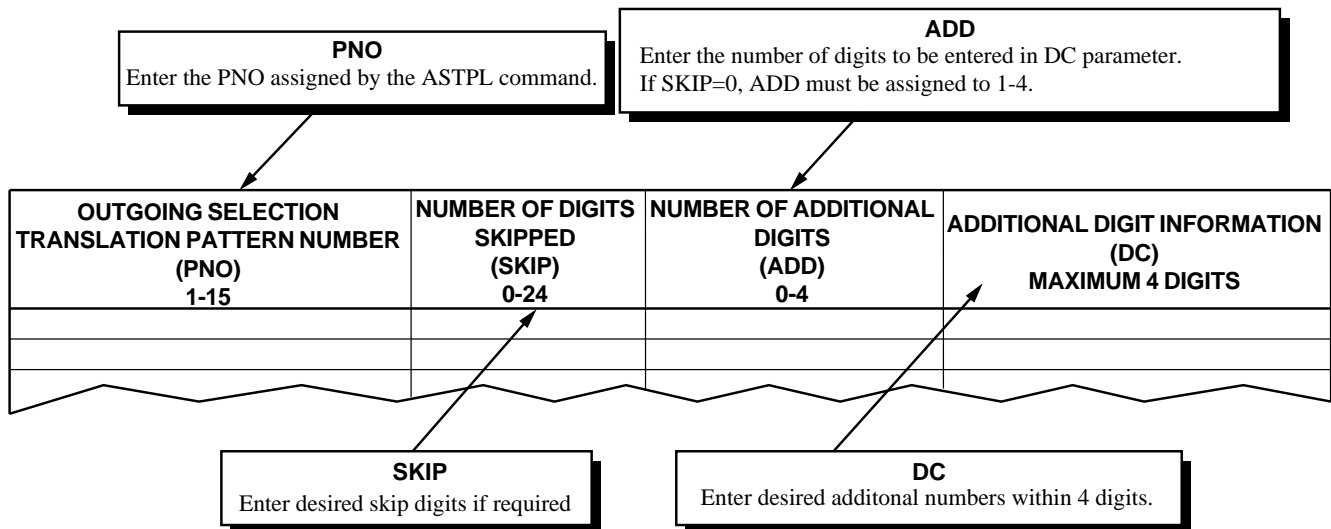
1. General

This command assigns skip and additional digits information for Outgoing Selection Translation Pattern Number (PNO). This data is written in Local Data Memory (LDM).

2. Precautions

1. Before using this command, make sure that an Outgoing Selection Translation Pattern Number (PNO) has been assigned in the ASTPL command.
2. The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTPL/AOSPL command. Since the additional number and skip digits can be assigned by the AOPRL/AADCL command for LCR/LCRS method, the ASTPL/AOSPL command may not be required.

3. Data Entry Instructions



AOSPL : Assignment of Outgoing Selection Pattern for LDM

4. Data Sheet

OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1 – 15	NUMBER OF DIGITS SKIPPED (SKIP) 0 – 24	NUMBER OF ADDITIONAL DIGITS (ADD) 0 – 4	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

AOSPN: Assignment of Outgoing Selection Pattern for NDM

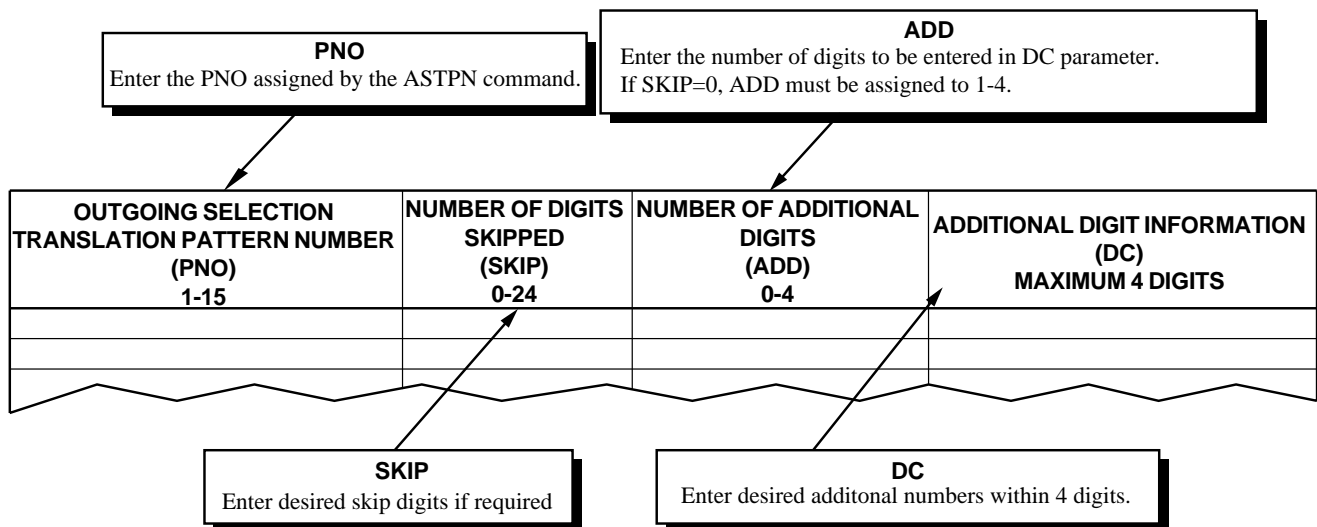
1. General

This command assigns skip and additional digits information for Outgoing Selection Translation Pattern Number (PNO) in Fusion Network. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Before using this command, make sure that an Outgoing Selection Translation Pattern Number (PNO) has been assigned in the ASTPN command.
2. The transmit number translation of the OGC/OGCA method outgoing calls are done by ASTPN/AOSPN command. Since the additional number and skip digits can be assigned by the AOPRN/AADCN command for LCR/LCRS method, the ASTPN/AOSPN command may not be required.

3. Data Entry Instructions



AOSPN : Assignment of Outgoing Selection Pattern for NDM

4. Data Sheet

OUTGOING SELECTION TRANSLATION PATTERN NUMBER (PNO) 1 – 15	NUMBER OF DIGITS SKIPPED (SKIP) 0 – 24	NUMBER OF ADDITIONAL DIGITS (ADD) 0 – 4	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

ACMO: Assignment of Clocked Manual Override

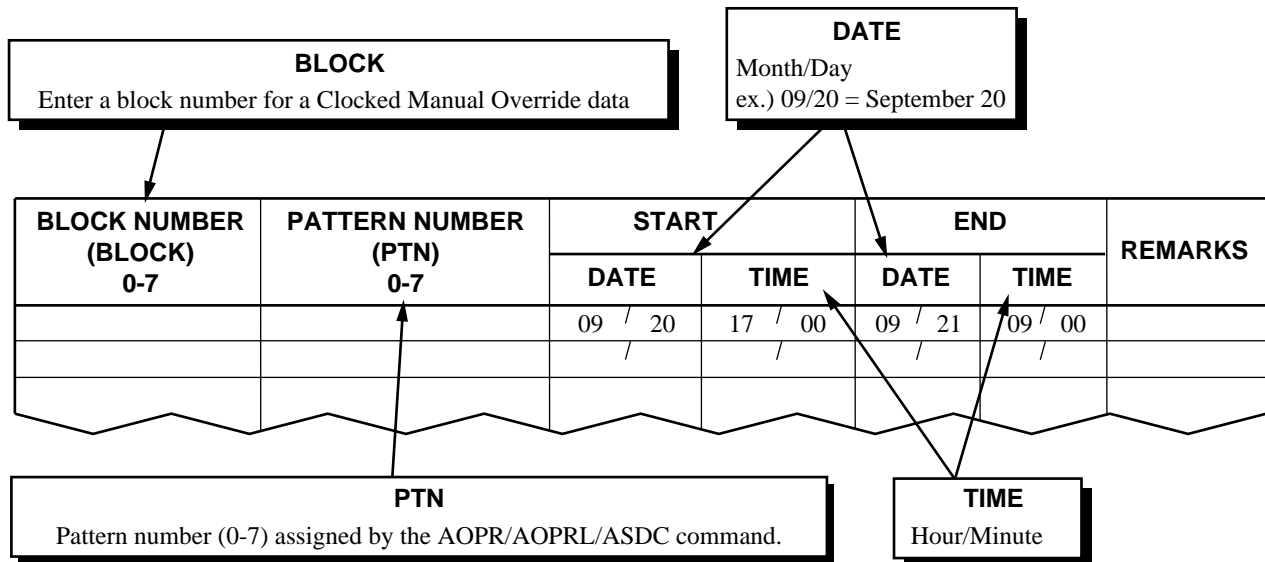
1. General

This command assigns the Clocked Manual Override data, which is used for changing routes during a specific day and specific time period, such as a holiday (Month/Day/Hour/Minute).

2. Precautions

1. The BLOCK parameter is a data index (0-7). A maximum of eight kinds of Clocked Manual Override Data can be assigned.
2. The PTN parameter corresponds to the TDPTN parameter assigned by the AOPR/ASDC command.
3. The Clocked Manual Override data assigned by ACMO command has priority over the Time Pattern data assigned by the ATCP command.
4. Time is designated in Military Time. 24 cannot be used as Hour designation.
5. A single set of PTN (Pattern Number) and START/END date and time is to be assigned to a BLOCK Number. Also the same PTN can be specified to multiple BLOCK Numbers.
6. "PTN = 0" is also used in default setting (in unspecified time period). Thus the assignment "PTN = 0" means nothing in this command.

3. Data Entry Instructions



ACMO : Assignment of Clocked Manual Override

4. Data Sheet

BLOCK NUMBER (BLOCK) 0 – 7	PATTERN NUMBER (PTN) 0 – 7	START		END		REMARKS
		DATE	TIME	DATE	TIME	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	
		/	/	/	/	

ATCP: Assignment of Time/Pattern Change Information Data

1. General

This command assigns the time period corresponding to each Time of Day Change Pattern Number (TDPTN). These Time of Day Change Patterns are used to change the routes to be used during a specific time period so that trunks can be used effectively and call charges can be kept to a minimum.

2. Precautions

1. The data assigned by this command is required for the ACBC/AOPR/ASDC commands. However, when the Clocked Manual Override data is assigned by the ACMO command (used for changing routes during a specific time period), the ACMO data has priority over data assigned by the ATCP command to the ACBC/AOPR/ASDC commands.
2. Assignment intervals must be at least 30 minutes.
3. If the time data is assigned in duplicate, the latter assignment shall take effect. For example, “9:00 ~ 12:00 = TDPTN 1” is set then “11:00 ~ 15:00 = TDPTN 2” is specified, the time setting “9:00 ~ 11:00 = TDPTN 1”/“11:00 ~ 15:00 = TDPTN” is to be executed.

3. Data Entry Instructions

TIME DATA FOR TDPTN				TIME OF DAY CHANGE PATTERN (TDPTN) 0-7	REMARKS
(FROM)		(TO)			
HOUR	MINUTE	HOUR	MINUTE		
09	: 00	20	: 00	0	
20	: 00	09	: 00	1	
:	:	:	:	2	
:	:	:	:	3	

TIME DATA FOR TDPTN

The time period TDPTN is effective.

TDPTN

Enter the pattern number corresponding to the TDPTN assigned at AOPR/AOPRL/ASDC commands. **Note**

Note: “TDPTN = 0” is also used in default setting (in unspecified time period). Thus the assignment “TDPTN = 0” means nothing in this command.

ATCP : Assignment of Time/Pattern Change Information Data

4. Data Sheet

TIME DATA FOR TDPTN				TIME OF DAY CHANGE PATTERN (TDPTN) 0 - 7	REMARKS
(FROM)		(TO)			
HOUR	MINUTE	HOUR	MINUTE		
:		:		0	
:		:		1	
:		:		2	
:		:		3	
:		:		4	
:		:		5	
:		:		6	
:		:		7	

Note 1: *Assignment intervals must be at least 30 minutes.*

Note 2: *The system fills in any unassigned time patterns for a 24-hour period.*

AFRS: Assignment of Flexible Route Selection Data

1. General

This command assigns the area and/or office code data for the related OPR.

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data in this command is common for all tenants (ASYD command, SYS1, INDEX93, bit4=1), assign TN parameter as data "1" for all tenants.
2. After an Outgoing Route Selection Pattern Number (OPR) has been assigned in this command, it is necessary to assign the LCR routing pattern/six (6) digits routing pattern by the AOPR/ASDC command respectively.
3. It should be noted that the access code may or may not be included in the Number Pattern Code (NPC) depending upon the assignment of the AC parameter by the ARTD command. If zero (0) is assigned, the access code is not included. If one (1) is assigned, the access code must be included.
4. Assign the dummy route number in the RT parameter.
5. When assigning such a number as shown below to parameter "NPC", enter "T" code to the end digit of "NPC."

Example:

When assigning 90 and 900 to NPC:

<u>Number</u>	<u>Input Number for NPC</u>	<u>OPR</u>
90	90T	X
900	900	Y

3. Data Entry Instructions

NPC
 NPC is the Toll Distinctive Code (TDC), NPA and or NXX. This data can be a maximum of sixteen (16) digits. This data may include the access code for LCR/LCRS.

TENANT NUMBER (TN)	ROUTE NUMBER (RT)	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0-4000	REMARKS
1	1	| 9 | 1 | 2 | 1 | 3 | 2 | 5 | 6 | 3 |		

OPR
 Since the OPR is an intermediate to assign the AOPR command, an arbitrary number may be entered ranging from 1 to 4000. (OPR0 is used for number not to be dialed in the network.)

RT
 Dummy route number assigned by the ASPA command.

4. Data Sheet

TENANT NUMBER (TN)	ROUTE NUMBER (RT)	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0 – 4000	REMARKS

AFRSL: Assignment of Flexible Route Selection Data for LDM

1. General

This command assigns the area and/or office code data for the OPR assigned by the AOPRL command. This data is written in Local Data Memory (LDM).

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data of this command is common for all tenants (ASYDL command, SYS1, INDEX800, bit4=1), assign TN parameter as data "1" for all tenants.
2. After an Outgoing Route Selection Pattern Number (OPR) has been assigned in this command, it is necessary to assign the LCR routing pattern/six (6) digits routing pattern by the AOPRL/ASDCL command respectively.
3. The access code may or may not be included in the Number Pattern Code (NPC) depending upon the assignment of the AC parameter by the ARTD command. If zero (0) is assigned, the access code is not included. If one (1) is assigned, the access code must be included.
4. Assign the dummy route number in the LGRT parameter.
5. When assigning such a number as shown below to parameter "NPC", enter "T" code to the end digit of "NPC."

Example:

When assigning 90 and 900 to NPC:

<u>Number</u>	<u>Input Number for NPC</u>	<u>OPR</u>
90	90T	X
900	900	Y

3. Data Entry Instructions

NPC
 NPC is the Toll Distinctive Code (TDC), NPA and or NXX. This data can be a maximum of sixteen (16) digits. This data may include the access code for LCR/LCRS.

TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0-4000	REMARKS
1	1	9 1 2 1 3 2 5 6 3		

OPR
 Since the OPR is an intermediate to assign the AOPRL command, an arbitrary number may be entered ranging from 1 to 4000. (OPR0 is used for number not to be dialed in the network.)

LGRT
 Dummy route number assigned by the ASPAL/ASPAN command.

AFRSL : Assignment of Flexible Route Selection Data for LDM

4. Data Sheet

TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT)	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0 - 4000	REMARKS

AFRSN: Assignment of Flexible Route Selection Data for NDM

1. General

This command assigns the area and/or office code data for the OPR assigned by the AOPRN command. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS1, INDEX8. If data of this command is common for all tenants (ASYDN command, SYS1, INDEX800, bit4=1), assign TN parameter as data "1" for all tenants.
2. After an Outgoing Route Selection Pattern Number (OPR) has been assigned in this command, it is necessary to assign the LCR routing pattern/six (6) digits routing pattern by the AOPRN/ASDCN command respectively.
3. It should be noted that the access code may or may not be included in the Number Pattern Code (NPC) depending upon the assignment of AC parameter by the ARTDN command. If zero (0) is assigned, the access code is not included. If one (1) is assigned, the access code must be included.
4. Assign the dummy route number in the LGRT parameter.
5. When assigning such a number as shown below to parameter "NPC", enter "T" code to the end digit of "NPC."

Example:

When assigning 90 and 900 to NPC:

<u>Number</u>	<u>Input Number for NPC</u>	<u>OPR</u>
90	90T	X
900	900	Y

3. Data Entry Instructions

NPC
 NPC is the Toll Distinctive Code (TDC), NPA and or NXX. This data can be a maximum of sixteen (16) digits. This data may include the access code for LCR/LCRS.

TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0-4000	REMARKS
1	1	9 1 2 1 3 2 5 6 3		

OPR
 Since the OPR is an intermediate to assign the AOPRN command, arbitrary number may be entered with a range from 1 to 4000. (OPR0 is used for number not to be dialed in the network.)

LGRT
 Dummy route number assigned by the ASPAL/ASPAN command.

4. Data Sheet

TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER PATTERN CODE (NPC) MAX. 16 DIGITS	OUTGOING ROUTE SELECTION NUMBER (OPR) 0 - 4000	REMARKS

AOPR: Assignment of Outgoing Pattern Routing Data

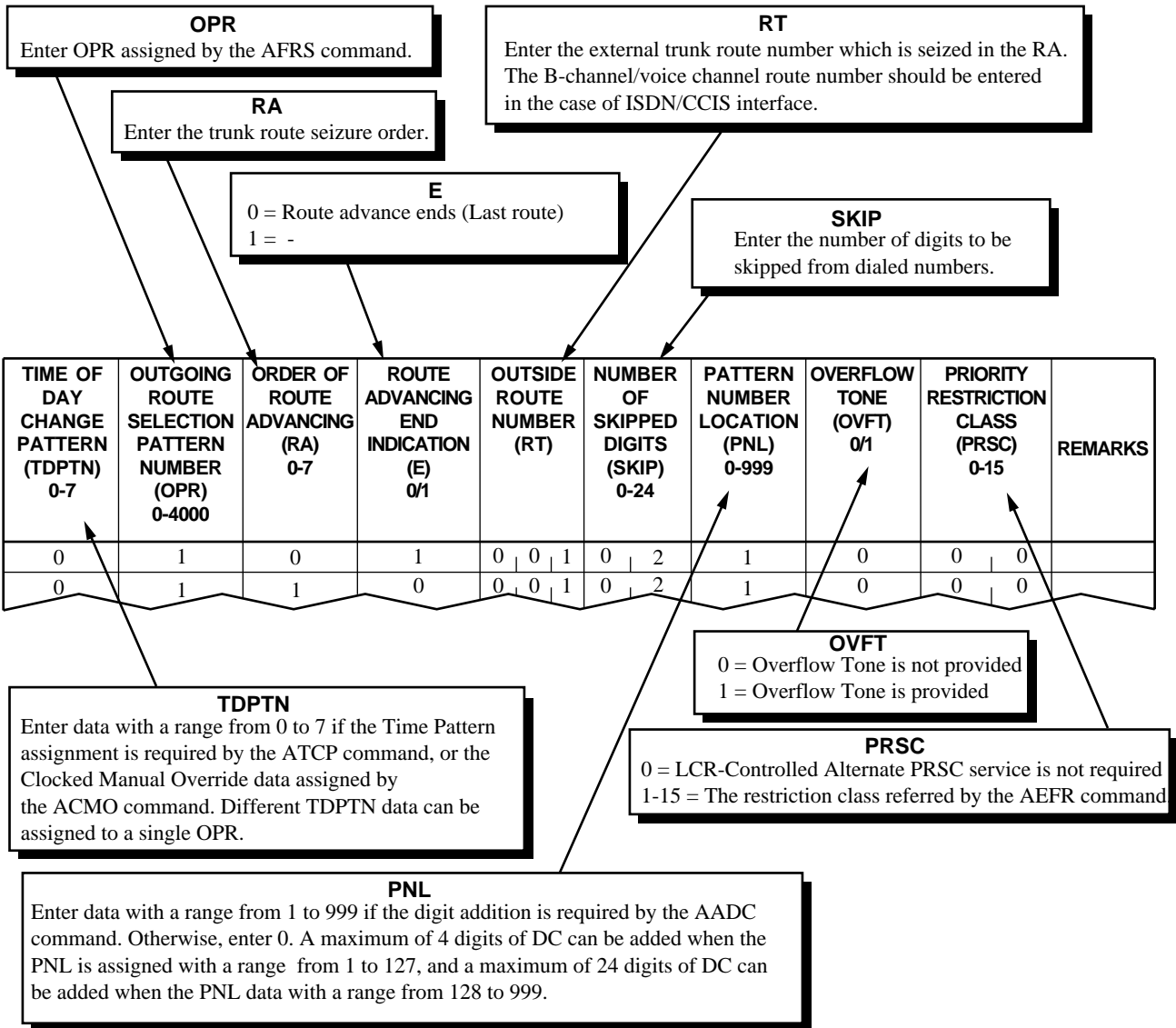
1. General

This command assigns the LCR/LCRS routing pattern for each Outgoing Route Selection Pattern Routing (OPR) number.

2. Precautions

1. The OPR parameter corresponds to the one assigned by the AFRS command.
2. The TDPTN parameter is intermediate data to assign the ATCP command. The ATCP command is used to assign the time pattern.
3. The PNL parameter is intermediate data to assign the AADC command. The AADC command is used to assign the additional numbers to transmit.
4. The applicable number of additional digits (DC) by the AADC command varies depending on the PNL data. A maximum of 4 digits of DC is available when the PNL is assigned the range from 1 to 127, and the maximum of 24 digits of DC is available when the PNL is assigned the range from 128 to 999.
5. The E parameter is an indicator label of the RA. When E=1 is assigned, more RA assignments are required until E=0 has been assigned.
6. The overflow tone can be applied to the originating party if an alternate trunk route has been seized. The OVFT parameter designates whether the overflow tone is or is not provided.
7. The PRSC parameter is referred to as RSC2 of the AEFR command if the LCR-Controlled Alternate PRSC service is provided. Enter 0 (leave it blank) when the service is not required.

3. Data Entry Instructions



AOPR : Assignment of Outgoing Pattern Routing Data

4. Data Sheet

TIME OF DAY CHANGE PATTERN (TDPTN) 0 - 7	OUTGOING ROUTE SELECTION PATTERN NUMBER (OPR) 0 - 4000	ORDER OF ROUTE ADVANCING (RA)	ROUTE ADVANCING END INDICATION (E) 0/1	OUTSIDE ROUTE NUMBER (RT)	NUMBER OF SKIPPED DIGITS (SKIP) 0 - 24	PATTERN NUMBER LOCATION (PNL) 0 - 999	OVERFLOW TONE (OVFT) 0/1	PRIORITY RESTRICTION CLASS (PRSC) 0 - 15	REMARKS
		0		| | |	|			|	
		1		| | |	|			|	
		2		| | |	|			|	
		3		| | |	|			|	
		4		| | |	|			|	
		5		| | |	|			|	
		6		| | |	|			|	
		0		| | |	|			|	
		1		| | |	|			|	
		2		| | |	|			|	
		3		| | |	|			|	
		4		| | |	|			|	
		5		| | |	|			|	
		6		| | |	|			|	
		0		| | |	|			|	
		1		| | |	|			|	
		2		| | |	|			|	
		3		| | |	|			|	
		4		| | |	|			|	
		5		| | |	|			|	
		6		| | |	|			|	

AOPRL: Assignment of Outgoing Pattern Routing Data for LDM

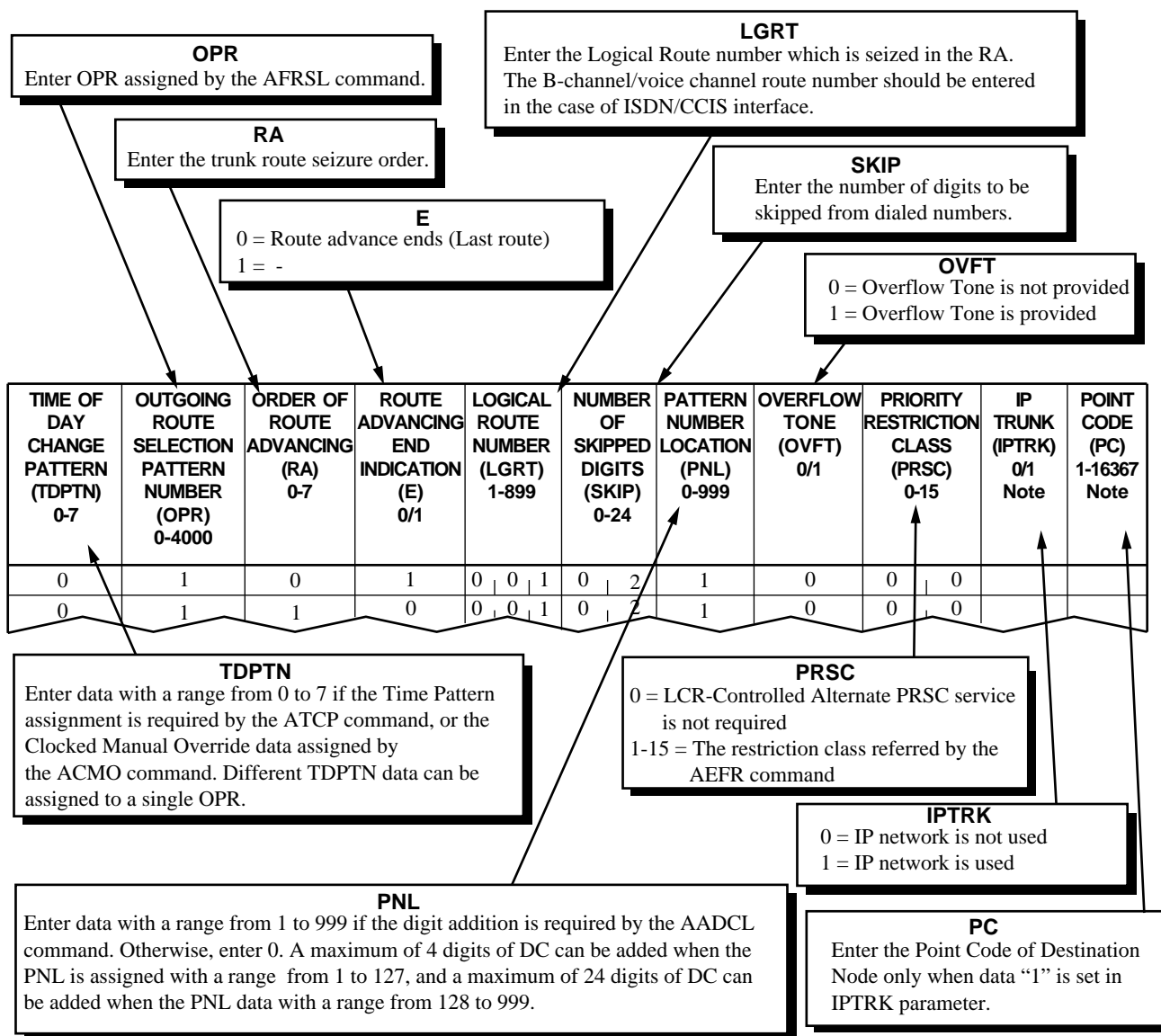
1. General

This command assigns the LCR/LCRS routing pattern for each Outgoing Route Selection Pattern Routing (OPR) number. This command is required when LCR/LCRS activates via Fusion Link.

2. Precautions

1. The OPR parameter corresponds to the one assigned by the AFRSL command.
2. The TDPTN parameter is intermediate data to assign the ATCP command. The ATCP command is used to assign the time pattern.
3. The PNL parameter is intermediate data to assign the AADCL command. The AADCL command is used to assign the additional numbers to transmit.
4. The applicable number of additional digits (DC) by the AADCL command varies depending on the PNL data. A maximum of 4 digits of DC is available when the PNL is assigned the range from 1 to 127, and a maximum of 24 digits of DC is available when the PNL is assigned the range from 128 to 999.
5. The E parameter is an indicator label of the RA. When E=1 is assigned, more RA assignments are required until E=0 has been assigned.
6. The overflow tone can be applied to the originating party if an alternate trunk route has been seized. The OVFT parameter designates whether the overflow tone is or is not provided.
7. The PRSC parameter is referred to as RSC2 of the AEFR command if the LCR-Controlled Alternate PRSC service is provided. Enter 0 (leave it blank) when the service is not required.

3. Data Entry Instructions



Note: Parameters IPTRK and PC are available since Release 9 software enhancement.

4. Data Sheet

TIME OF DAY CHANGE PATTERN (TDPTN) 0 - 7	OUTGOING ROUTE SELECTION PATTERN NUMBER (OPR) 0 - 4000	ORDER OF ROUTE ADVANCING (RA)	ROUTE ADVANCING END INDICATION (E) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER OF SKIPPED DIGITS (SKIP) 0 - 24	PATTERN NUMBER LOCATION (PNL) 0 - 999	OVERFLOW TONE (OVFT) 0/1	PRIORITY RESTRICTION CLASS (PRSC) 0 - 15	IP TRUNK (IPTRK) 0/1	POINT CODE (PC) 1-16367	
		0		| | |	|			|			
		1		| | |	|			|			
		2		| | |	|			|			
		3		| | |	|			|			
		4		| | |	|			|			
		5		| | |	|			|			
		6		| | |	|			|			
		7		| | |	|			|			
			0		| | |	|			|		
			1		| | |	|			|		
			2		| | |	|			|		
			3		| | |	|			|		
			4		| | |	|			|		
			5		| | |	|			|		
			6		| | |	|			|		
			7		| | |	|			|		
			0		| | |	|			|		
			1		| | |	|			|		
			2		| | |	|			|		
			3		| | |	|			|		
			4		| | |	|			|		
			5		| | |	|			|		
			6		| | |	|			|		
			7		| | |	|			|		

AOPRN: Assignment of Outgoing Pattern Routing Data for NDM

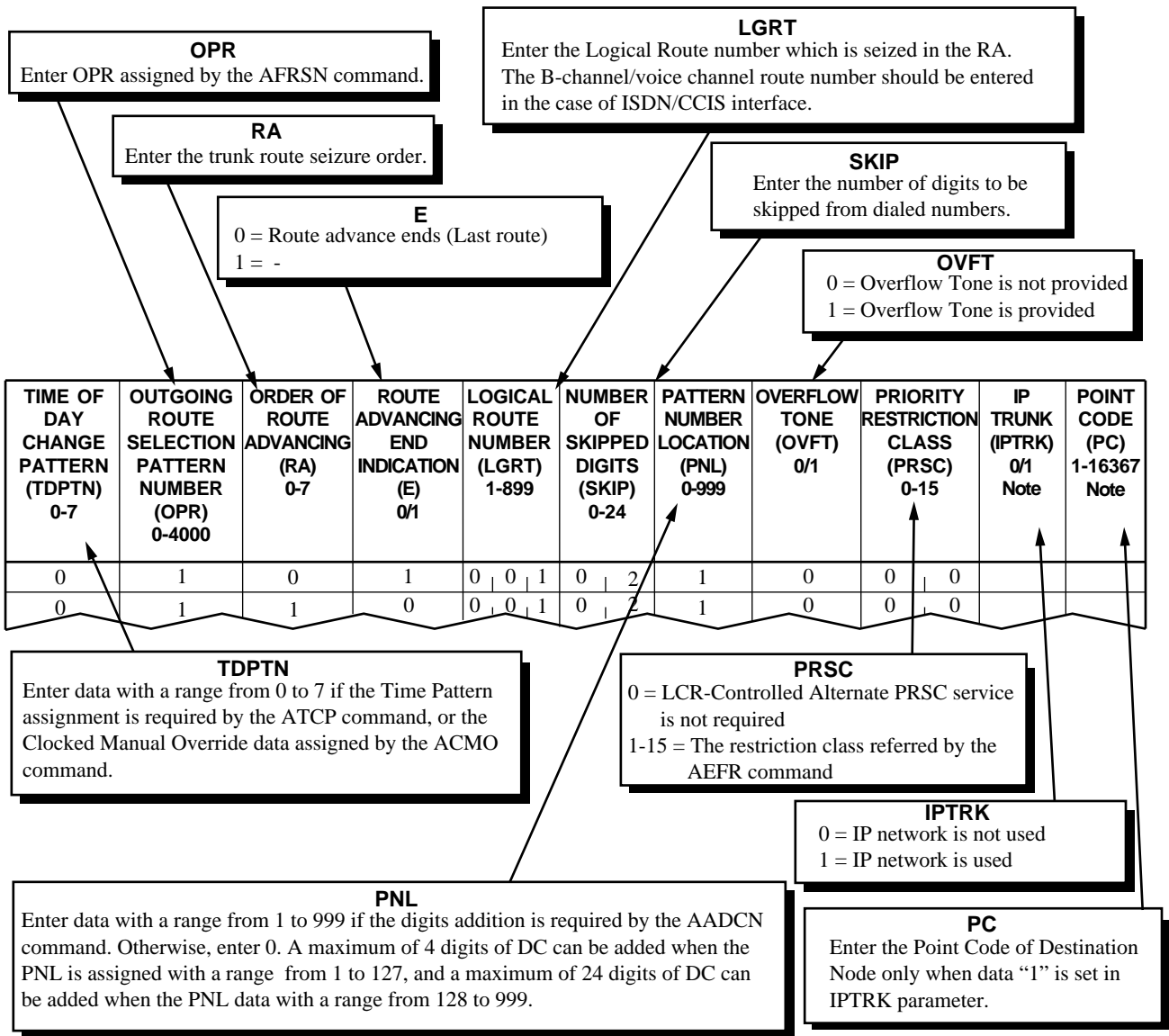
1. General

This command assigns the LCR/LCRS routing pattern for each Outgoing Route Selection Pattern Routing (OPR) number. This command is required when LCR/LCRS activates via Fusion Networking link. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The OPR parameter corresponds to the one assigned by the AFRSN command.
2. The TDPTN parameter is intermediate data to assign the ATPC command. The ATPC command is used to assign the time pattern.
3. The PNL parameter is intermediate data to assign the AADCN command. The AADCN command is used to assign the additional numbers to transmit.
4. The applicable number of additional digits (DC) by the AADCN command varies depending on the PNL data. A maximum of 4 digits of DC is available when the PNL is assigned the range from 1 to 127, and a maximum of 24 digits of DC is available when the PNL is assigned the range from 128 to 999.
5. The E parameter is an indicator label of the RA. When E=1 is assigned, more RA assignments are required until E=0 has assigned.
6. The overflow tone can be applied to the originating party if an alternate trunk route has been seized. The OVFT parameter designates whether the overflow tone is or is not provided.
7. The PRSC parameter is referred to as RSC2 of the AEFR command if the "LCR-Controlled Alternate PRSC service is provided. Enter 0 (leave it blank) when the service is not required.

3. Data Entry Instructions



Note: Parameters IPTRK and PC are available since Release 9 software enhancement.

AOPRN : Assignment of Outgoing Pattern Routing Data for NDM

4. Data Sheet

TIME OF DAY CHANGE PATTERN (TDPTN) 0 - 7	OUTGOING ROUTE SELECTION PATTERN NUMBER (OPR) 0 - 4000	ORDER OF ROUTE ADVANCING (RA)	ROUTE ADVANCING END INDICATION (E) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER OF SKIPPED DIGITS (SKIP) 0 - 24	PATTERN NUMBER LOCATION (PNL) 0 - 999	OVERFLOW TONE (OVFT) 0/1	PRIORITY RESTRICTION CLASS (PRSC) 0 - 15	IP TRUNK (IPTRK) 0/1	POINT CODE (PC) 1-16367	
		0		| | |	|			|			
		1		| | |	|			|			
		2		| | |	|			|			
		3		| | |	|			|			
		4		| | |	|			|			
		5		| | |	|			|			
		6		| | |	|			|			
		7		| | |	|			|			
			0		| | |	|			|		
			1		| | |	|			|		
			2		| | |	|			|		
			3		| | |	|			|		
			4		| | |	|			|		
			5		| | |	|			|		
			6		| | |	|			|		
			7		| | |	|			|		
			0		| | |	|			|		
			1		| | |	|			|		
			2		| | |	|			|		
			3		| | |	|			|		
			4		| | |	|			|		
			5		| | |	|			|		
			6		| | |	|			|		
			7		| | |	|			|		

APIPL: Assignment of IP Address Data for LDM

1. General

This command is used to assign the IP address to Point Code. This data is written in the Local Data Memory (LDM).

2. Precautions

1. This command is available.

3. Data Entry Instructions

PC

Enter the Point Code of Destination Node.

↓

DESTINATION POINT CODE (PC) 1-16367	P/S 0/1	TIMER 0-127	IP ADDRESS MAX. 8 ADDRESSES	REMARKS

IP ADDRESS

Enter the IP address of the IPTRK card in the Destination Node. Maximum of 8 IP addresses of the IPTRK card can be assigned per a Node.

APIPN: Assignment of IP Address Data for NDM

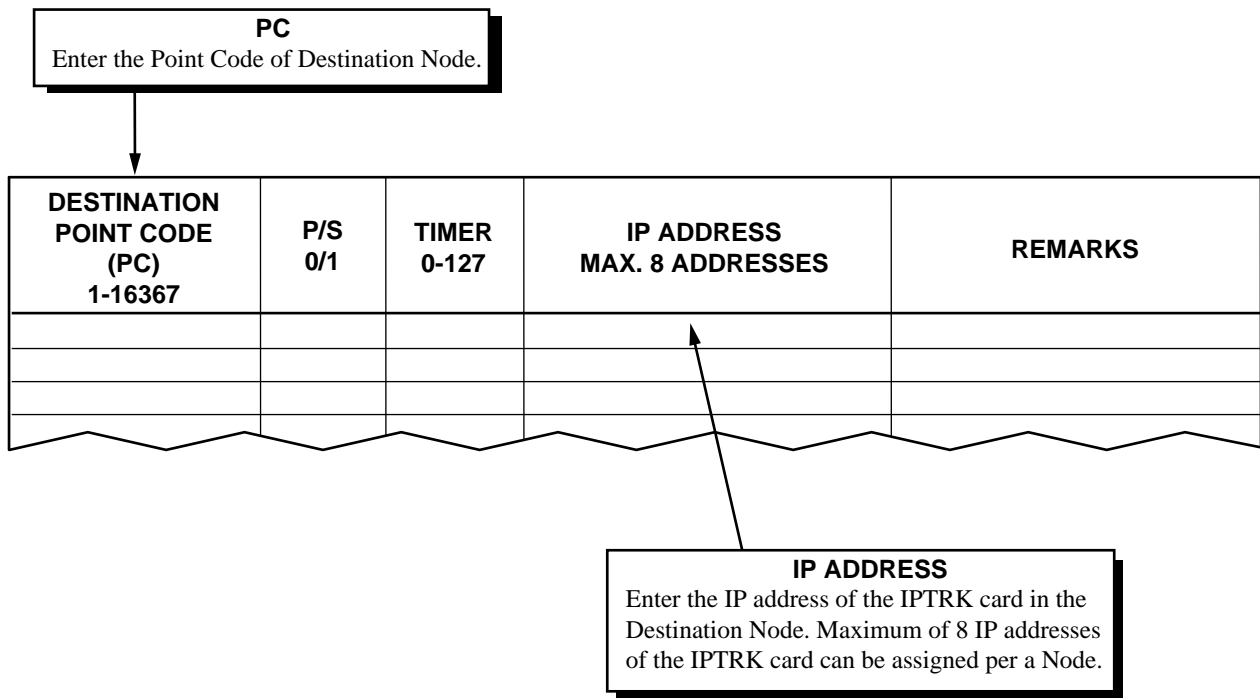
1. General

This command is used to assign the IP address to Point Code. This data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command is available.

3. Data Entry Instructions



APIPN : Assignment of IP Address Data for NDM

4. Data Sheet

DESTINATION POINT CODE (PC) 1-16367	P/S 0/1	TIMER 0-127	IP ADDRESS MAX. 8 ADDRESSES	REMARKS

AADC: Assignment of Additional Digit Translation Data

1. General

This command assigns additional digit information for Least Cost Routing (LCR).

2. Precautions

1. Before using this command, confirm that a Pattern Number Location (PNL) has been assigned in the AOPR command.
2. The applicable number of additional digit (DC) varies depending on the PNL data assigned by the AOPR/AUNE command. When the AOPR command is assigned, and additional digit is sent to outside of the Node, a maximum of 4 digits of DC is available when the PNL is assigned with a range from 1 to 127, and a maximum of 24 digits of DC is available when the PNL is assigned with a range from 128 to 999. When the AUNE command is assigned, a maximum of 4 digits of DC is available.

3. Data Entry Instructions

PNL

Enter the PNL assigned by the AOPR command with a range 1-999, or by the AUNE command with a range 1-127.

PATTERN NUMBER LOCATION (PNL) 1-999	ADDITIONAL DIGIT INFORMATION (DC) MAX. 24 DIGITS	REMARKS

DC

Enter DC additional numbers (not including the access code for LCR) to be applied to the transmitted number.

AADCL: Assignment of Additional Digit Translation Data for LDM

1. General

This command assigns additional digit information for Least Cost Routing (LCR) activating via Fusion Link. This data is written in Local Data Memory (LDM).

2. Precautions

1. Before using this command, confirm that a Pattern Number Location (PNL) has been assigned in the AOPRL command.
2. The applicable number of additional digit (DC) varies depending on the PNL data assigned by the AOPRL/AUNEL command. When the AOPRL command is assigned, and additional digit is sent to outside of the Node, a maximum of 24 digits of DC is available. When the AUNEL command is assigned, a maximum of 4 digits of DC is available.

3. Data Entry Instructions

PNL

Enter the PNL assigned by the AOPRL command with a range 1-999, or by the AUNEL command with a range 1-127.

PATTERN NUMBER LOCATION (PNL) 1-999	ADDITIONAL DIGIT INFORMATION (DC) MAX. 24 DIGITS	REMARKS

DC

Enter DC additional numbers (not including the access code for LCR) to be applied to the transmitted number.

4. Data Sheet

PATTERN NUMBER LOCATION (PNL) 1 – 999	ADDITIONAL DIGIT INFORMATION (DC) MAX. 24 DIGITS	REMARKS

AADCN: Assignment of Additional Digit Translation Data for NDM

1. General

This command assigns additional digit information for LCR (Least Cost Routing) activating via Fusion Link. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only when logging in to NCN.
2. Before using this command, it must be confirmed that a Pattern Number Location (PNL) has been assigned in the AOPRN command.

3. Data Entry Instructions

PNL
Enter the PNL assigned by the AOPRN command.

PATTERN NUMBER LOCATION (PNL) 1-999	ADDITIONAL DIGIT INFORMATION (DC) MAX. 24 DIGITS	REMARKS

DC
Enter DC additional numbers (not including the access code for LCR) to be applied to the transmitted number.

ASDC: Assignment of Six Digit Least Cost Routing Data

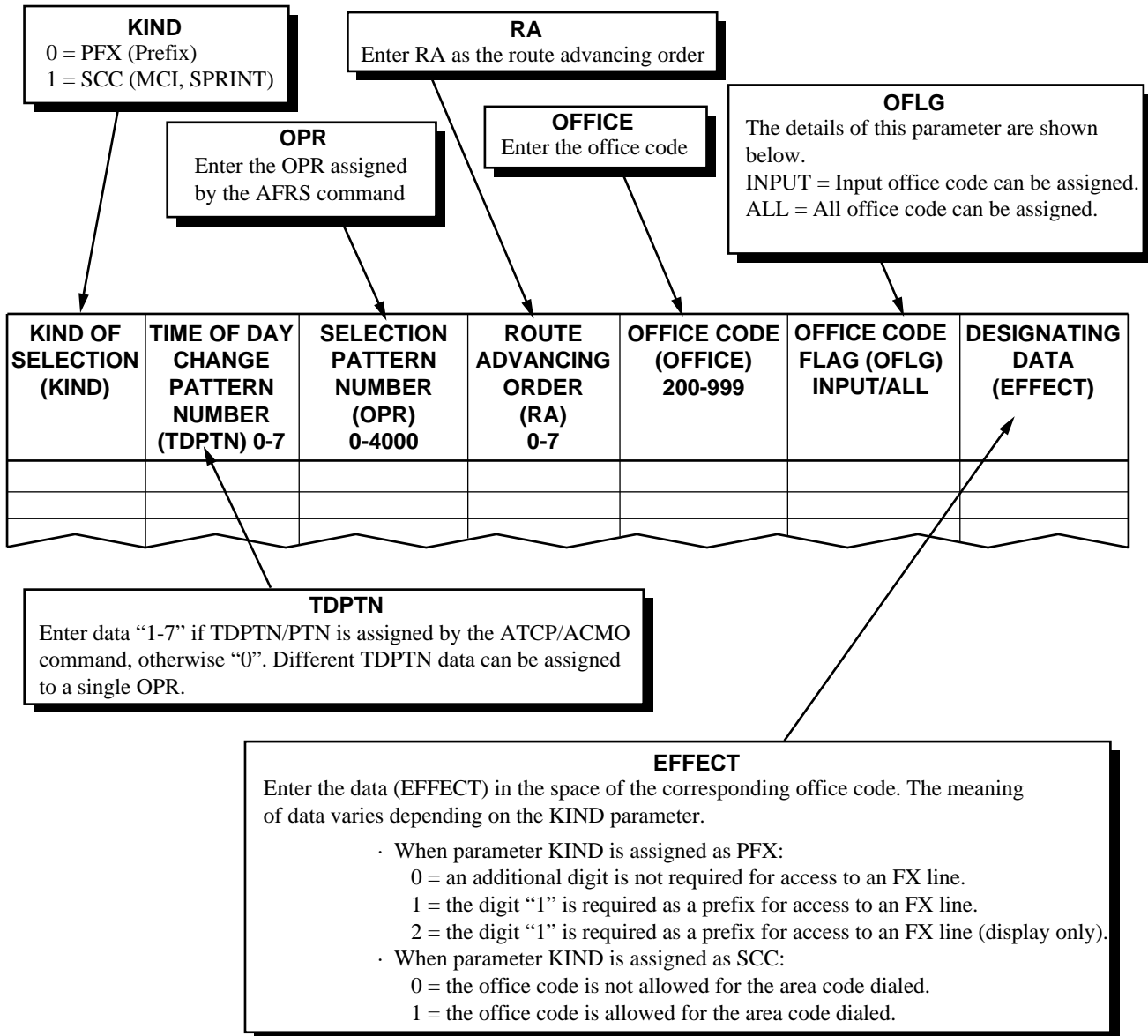
1. General

This command is necessary when LCR six (6) digit translation is required for FX Prefix Codes, MCI, SPRINT and other applications. This command assigns, deletes, and displays this information.

2. Precautions

1. Before using this command, the following must be confirmed:
 - An Outgoing Route Selection Pattern Number (OPR) has been assigned in the AFRS (Assignment of Flexible Route Selection) command.
 - Outgoing Pattern Routing Data has been already assigned in the AOPR command.
2. When the Translation Pattern is for an FX line, designate the KIND parameter as “PFX.”
3. When the Translation Pattern is for a Special Common Carrier (MCI, SPRINT, etc.), designate the KIND parameter as “SCC.”
4. When the route to be used is changed according to the time of day, a Time of Day Change Pattern Number (TDPTN) from 1 to 7 is assigned, in accordance with the ATPC command.
5. When assigning data to the EFFECT parameter, the following must be noted:
 - (a) When the KIND parameter is assigned “PFX,” 0/1 assigned to the EFFECT parameter has the following meaning:
 - EFFECT = 0: means that an additional digit is not required for access to an FX line.
 - EFFECT = 1: means that the digit “1” is required as a prefix for access to an FX line.
 - (b) When KIND parameter is assigned “SCC,” 0/1 assigned to parameter EFFECT has the following meaning:
 - EFFECT = 0: means that the office code is not allowed for the area code dialed.
 - EFFECT = 1: means that the office code is allowed for the area code dialed.
6. When the EFFECT parameter is “2,” 6-digit translation is not required for the area code designated.
7. When deleting the AOPR command, this also deletes the ASDC table using the OPR pattern.

3. Data Entry Instructions



4. Data Sheet

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0-7	OUTGOING ROUTE								OFFICE CODE FLAG (OFLG) INPUT/ALL													
		SELECTION PATTERN NUMBER (OPR) 0-4000				ROUTE ADVANCING ORDER (RA) 0-7																	
OFFICE CODE (OFFICE) 200 - 999																							
NX	X	0	1	2	3	4	5	6	7	8	9	NX	X	0	1	2	3	4	5	6	7	8	9
20X												21X											
22X												23X											
24X												25X											
26X												27X											
28X												29X											
30X												31X											
32X												33X											
34X												35X											
36X												37X											
38X												39X											
40X												41X											
42X												43X											
44X												45X											
46X												47X											
48X												49X											
50X												51X											
52X												53X											
54X												55X											
56X												57X											
58X												59X											
60X												61X											
62X												63X											
64X												65X											
66X												67X											
68X												69X											
70X												71X											
72X												73X											
74X												75X											
76X												77X											
78X												79X											

ASDC : Assignment of Six Digit Least Cost Routing Data

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0 – 7	OUTGOING ROUTE										OFFICE CODE FLAG (OFLG) INPUT/ALL										
		SELECTION PATTERN NUMBER (OPR) 0 – 4000					ROUTE ADVANCING ORDER (RA) 0 – 7															
OFFICE CODE (OFFICE) 200 – 999																						
NX \ X	0	1	2	3	4	5	6	7	8	9	NX \ X	0	1	2	3	4	5	6	7	8	9	
80X											81X											
82X											83X											
84X											85X											
86X											87X											
88X											89X											
90X											91X											
92X											93X											
94X											95X											
96X											97X											
98X											99X											

Note: Designating Data (EFFECT) is assigned in the square of the corresponding office code. When Designating Data is not assigned, the data is "0."

ASDCL: Assignment of Six Digit Least Cost Routing Data for LDM

1. General

This command is necessary when LCR six (6) digit translation is required for FX Prefix Codes, MCI, SPRINT and other applications. This command assigns, deletes, and displays this information. This data is written in Local Data Memory (LDM).

2. Precautions

1. Before using this command, the following must be confirmed:
 - An Outgoing Route Selection Pattern Number (OPR) has been assigned in the AFRSL (Assignment of Flexible Route Selection) command.
 - Outgoing Pattern Routing Data has been assigned in the AOPRL command.
2. When the Translation Pattern is for an FX line, designate the KIND parameter as "PFX."
3. When the Translation Pattern is for a Special Common Carrier (MCI, SPRINT, etc.), designate the KIND parameter as "SCC."
4. When the route to be used is changed according to the time of day, a Time of Day Change Pattern Number (TDPTN) from 1 to 7 is assigned, in accordance with the ATCP command.
5. When assigning data to the EFFECT parameter, the following must be noted:
 - (a) When the KIND parameter is assigned "PFX," 0/1 assigned to the EFFECT parameter has the following meaning:

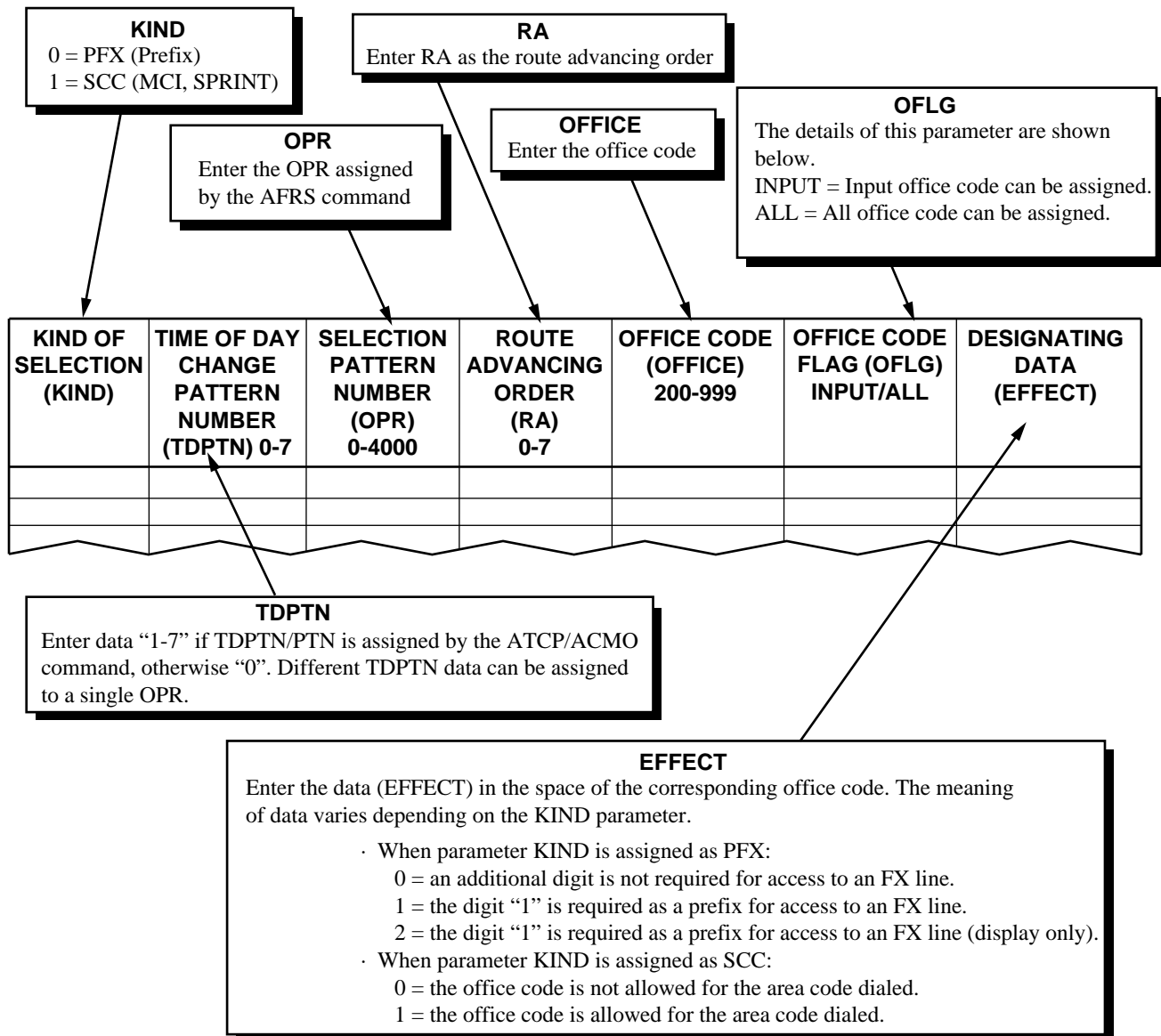
EFFECT = 0: means that an additional digit is not required for access to an FX line.

EFFECT = 1: means that the digit "1" is required as a prefix for access to an FX line.
 - (b) When KIND parameter is assigned "SCC," 0/1 assigned to parameter EFFECT has the following meaning:

EFFECT = 0: means that the office code is not allowed for the area code dialed.

EFFECT = 1: means that the office code is allowed for the area code dialed.
6. When the EFFECT parameter is "2," 6-digit translation is not required for the area code designated.
7. When deleting the AOPRL command, this also deletes the ASDCL table using the OPR pattern.

3. Data Entry Instructions



4. Data Sheet

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0-7	OUTGOING ROUTE										OFFICE CODE FLAG (OFLG) INPUT/ALL											
		SELECTION PATTERN NUMBER (OPR) 0-4000					ROUTE ADVANCING ORDER (RA) 0-7																
OFFICE CODE (OFFICE) 200 - 999																							
NX	X	0	1	2	3	4	5	6	7	8	9	NX	X	0	1	2	3	4	5	6	7	8	9
20X												21X											
22X												23X											
24X												25X											
26X												27X											
28X												29X											
30X												31X											
32X												33X											
34X												35X											
36X												37X											
38X												39X											
40X												41X											
42X												43X											
44X												45X											
46X												47X											
48X												49X											
50X												51X											
52X												53X											
54X												55X											
56X												57X											
58X												59X											
60X												61X											
62X												63X											
64X												65X											
66X												67X											
68X												69X											
70X												71X											
72X												73X											
74X												75X											
76X												77X											
78X												79X											

ASDCL : Assignment of Six Digit Least Cost Routing Data for LDM

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0 - 7	OUTGOING ROUTE										OFFICE CODE FLAG (OFLG) INPUT/ALL										
		SELECTION PATTERN NUMBER (OPR) 0 - 4000					ROUTE ADVANCING ORDER (RA) 0 - 7															
OFFICE CODE (OFFICE) 200 - 999																						
NX \ X	0	1	2	3	4	5	6	7	8	9	NX \ X	0	1	2	3	4	5	6	7	8	9	
80X											81X											
82X											83X											
84X											85X											
86X											87X											
88X											89X											
90X											91X											
92X											93X											
94X											95X											
96X											97X											
98X											99X											

Note: Designating Data (EFFECT) is assigned in the square of the corresponding office code. When Designating Data is not assigned, the data is "0."

ASDCN: Assignment of Six Digit Least Cost Routing Data for NDM

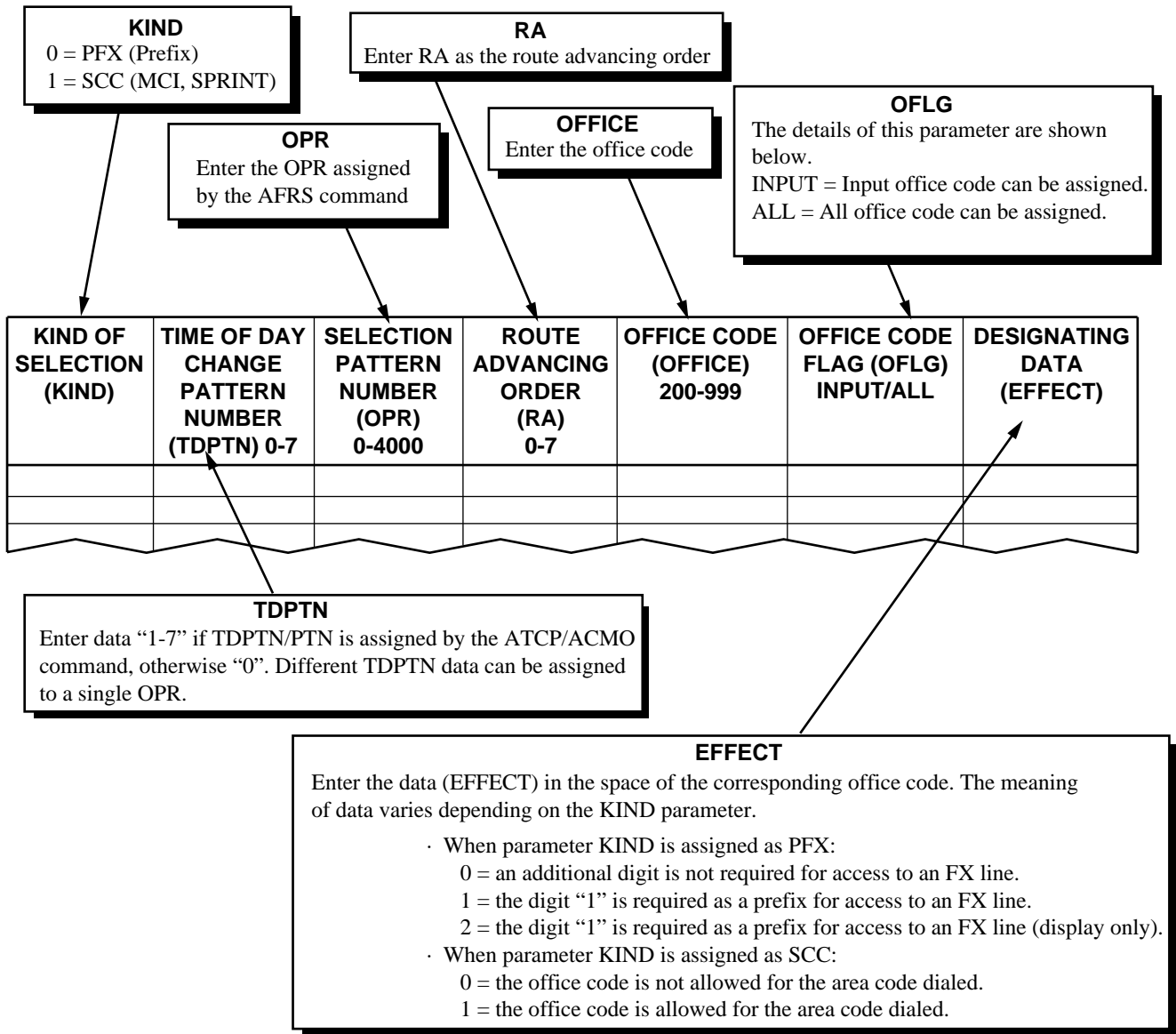
1. General

This command is necessary when LCR six (6) digit translation is required for FX Prefix Codes, MCI, SPRINT and other applications. This command assigns, deletes, and displays this information. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Before using this command, the following must be confirmed:
 - An Outgoing Route Selection Pattern Number (OPR) has been assigned in the AFRSN (Assignment of Flexible Route Selection) command.
 - Outgoing Pattern Routing Data has been assigned in the AOPRN command.
2. When the Translation Pattern is for an FX line, designate the KIND parameter as "PFX."
3. When the Translation Pattern is for a Special Common Carrier (MCI, SPRINT, etc.), designate the KIND parameter as "SCC."
4. When the route to be used is changed according to the time of day, a Time of Day Change Pattern Number (TDPTN) from 1 to 7 is assigned, in accordance with the ATCP command.
5. When assigning data to the EFFECT parameter, the following must be noted:
 - (a) When the KIND parameter is assigned "PFX," 0/1 assigned to the EFFECT parameter has the following meaning:
 - EFFECT = 0: means that an additional digit is not required for access to an FX line.
 - EFFECT = 1: means that the digit "1" is required as a prefix for access to an FX line.
 - (b) When KIND parameter is assigned "SCC," 0/1 assigned to parameter EFFECT has the following meaning:
 - EFFECT = 0: means that the office code is not allowed for the area code dialed.
 - EFFECT = 1: means that the office code is allowed for the area code dialed.
6. When the EFFECT parameter is "2," 6-digit translation is not required for the area code designated.
7. When deleting the AOPRN command, this also deletes the ASDCN table using the OPR pattern.

3. Data Entry Instructions



4. Data Sheet

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0-7	OUTGOING ROUTE								OFFICE CODE FLAG (OFLG) INPUT/ALL													
		SELECTION PATTERN NUMBER (OPR) 0-4000				ROUTE ADVANCING ORDER (RA) 0-7																	
OFFICE CODE (OFFICE) 200 - 999																							
NX	X	0	1	2	3	4	5	6	7	8	9	NX	X	0	1	2	3	4	5	6	7	8	9
20X												21X											
22X												23X											
24X												25X											
26X												27X											
28X												29X											
30X												31X											
32X												33X											
34X												35X											
36X												37X											
38X												39X											
40X												41X											
42X												43X											
44X												45X											
46X												47X											
48X												49X											
50X												51X											
52X												53X											
54X												55X											
56X												57X											
58X												59X											
60X												61X											
62X												63X											
64X												65X											
66X												67X											
68X												69X											
70X												71X											
72X												73X											
74X												75X											
76X												77X											
78X												79X											

ASDCN : Assignment of Six Digit Least Cost Routing Data for NDM

KIND OF SELECTION (KIND) PFX/SCC	TIME OF DAY CHANGE PATTERN NUMBER (TDPTN) 0 - 7	OUTGOING ROUTE										OFFICE CODE FLAG (OFLG) INPUT/ALL										
		SELECTION PATTERN NUMBER (OPR) 0 - 4000					ROUTE ADVANCING ORDER (RA) 0 - 7															
OFFICE CODE (OFFICE) 200 - 999																						
NX \ X	0	1	2	3	4	5	6	7	8	9	NX \ X	0	1	2	3	4	5	6	7	8	9	
80X											81X											
82X											83X											
84X											85X											
86X											87X											
88X											89X											
90X											91X											
92X											93X											
94X											95X											
96X											97X											
98X											99X											

Note: Designating Data (EFFECT) is assigned in the square of the corresponding office code. When Designating Data is not assigned, the data is "0."

AUNE: Assignment of Uniform Numbering

1. General

This command assigns the data for an inter-network call termination.

2. Precautions

1. This command is available for both ACIS and CCIS. The call termination from CCIS requiring the office code skip needs this data.

Example: When the network numberings are as follows, example office data is listed in the table.

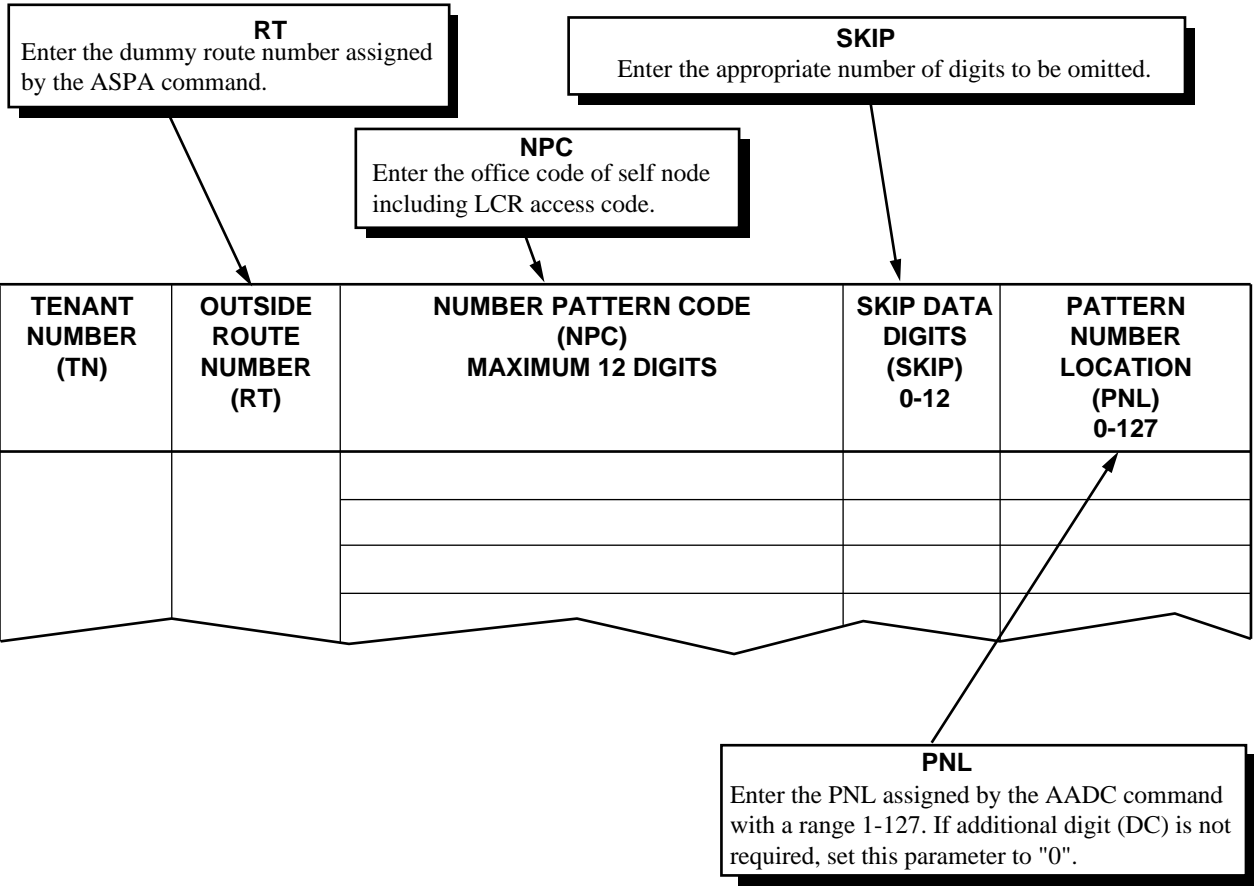
Node A 8 - 26 - xxxxx

Node B 8 - 10 - xxxxx

Node A		Node B	
ARTD	RT = dummy, AC = 1	ARTD	RT = dummy, AC = 1
ASPA	ACC = 8, SRV = LCR, RT = dummy	ASPA	ACC = 8, SRV = LCR, RT = dummy
AUNE	RT = dummy, NPC = 826, SKIP = 3	AUNE	RT = dummy, NPC = 810, SKIP = 3
AMND	DC = 826, MND = 8	AMND	DC = 810, MND = 8
ARRC	Allow the connection between ICRT (Voice route in the case of CCIS) and OGRT (Dummy route).	ARRC	Allow the connection between ICRT (Voice route in the case of CCIS) and OGRT (Dummy route).

2. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data in this command is common for all tenants (ASYD command, SYS1, INDEX93, bit4=1), assign TN parameter as data "1" for all tenants.
3. Assign the dummy route number in the RT parameter.
4. The data assigned in the NPC should include its access code, and should be different from the NPC assigned by the AFRS command.
5. The PNL parameter (which is intermediate data to assign the AADC command) appears when ASYD command is SYS1, INDEX42, bit4=1.
6. Assign the PNL data if additional digit (DC) is required. A maximum of 4 digits of DC is set by the AADC command. Enter the PNL with a range from 1 to 127. If additional digit is not required, data "0" is to be set to the PNL parameter.

3. Data Entry Instructions



AUNEL: Assignment of Uniform Numbering for LDM

1. General

This command assigns the data for an inter-network call termination.

2. Precautions

This command is available for both ACIS and CCIS. The call termination from CCIS requiring the office code skip needs this data.

Example: When the network numberings are as follows, example office data is listed in the table.

Node A 8 - 26 - xxxxx

Node B 8 - 10 - xxxxx

Node A		Node B	
ARTD	RT = dummy, AC = 1	ARTD	RT = dummy, AC = 1
ASPAL/N	ACC = 8, SRV = LCR, RT = dummy	ASPAL/N	ACC = 8, SRV = LCR, RT = dummy
AUNEL	RT = dummy, NPC = 826, SKIP = 3	AUNEL	RT = dummy, NPC = 810, SKIP = 3
AMND	DC = 826, MND = 8	AMND	DC = 810, MND = 8
ARRCN	Allow the connection between ICRT (Voice route in the case of CCIS) and OGRT (Dummy route).	ARRCN	Allow the connection between ICRT (Voice route in the case of CCIS) and OGRT (Dummy route).

1. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data in this command is common for all tenants (ASYDL command, SYS1, INDEX800, bit4=1), assign TN parameter as data "1" for all tenants.
2. Assign the dummy route number in the LGRT parameter.
3. The data assigned in the NPC should include its access code, and should be different from the NPC assigned by the AFRSL command.
4. The PNL parameter (which is intermediate data to assign the AADCL command) appears when ASYD command SYS1, INDEX42, bit4=1.
5. Enter the PNL data if additional digit (DC) is required. A maximum of 24 digits of DC is set by the AADCL command. Enter the PNL with a range from 1 to 127. If additional digit is not required, data "0" is to be set to the PNL parameter.

3. Data Entry Instructions

LGRT
Enter the dummy route number assigned by the ASPAL command.

SKIP
Enter the appropriate number of digits to be omitted.

NPC
Enter the office code of self node including LCR access code.

TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	NUMBER PATTERN CODE (NPC) MAXIMUM 16 DIGITS	SKIP DATA DIGITS (SKIP) 0-12	PATTERN NUMBER LOCATION (PNL) 0-127

PNL
Enter the PNL assigned by the AADCL command with a range 1-127. If additional digit (DC) is not required, set this parameter to "0".

ALDN: Assignment of Listed Directory Number

1. General

This command assigns the Listed Directory Number (LDN) which allows a Direct Inward Dialing (DID) call to terminate to Attendant Consoles.

2. Precautions

1. When the LDN number assigned by this command is dialed from PSTN, the call terminates to Attendant Consoles during the Day mode, and redirects to a station or outside party in the Night mode.

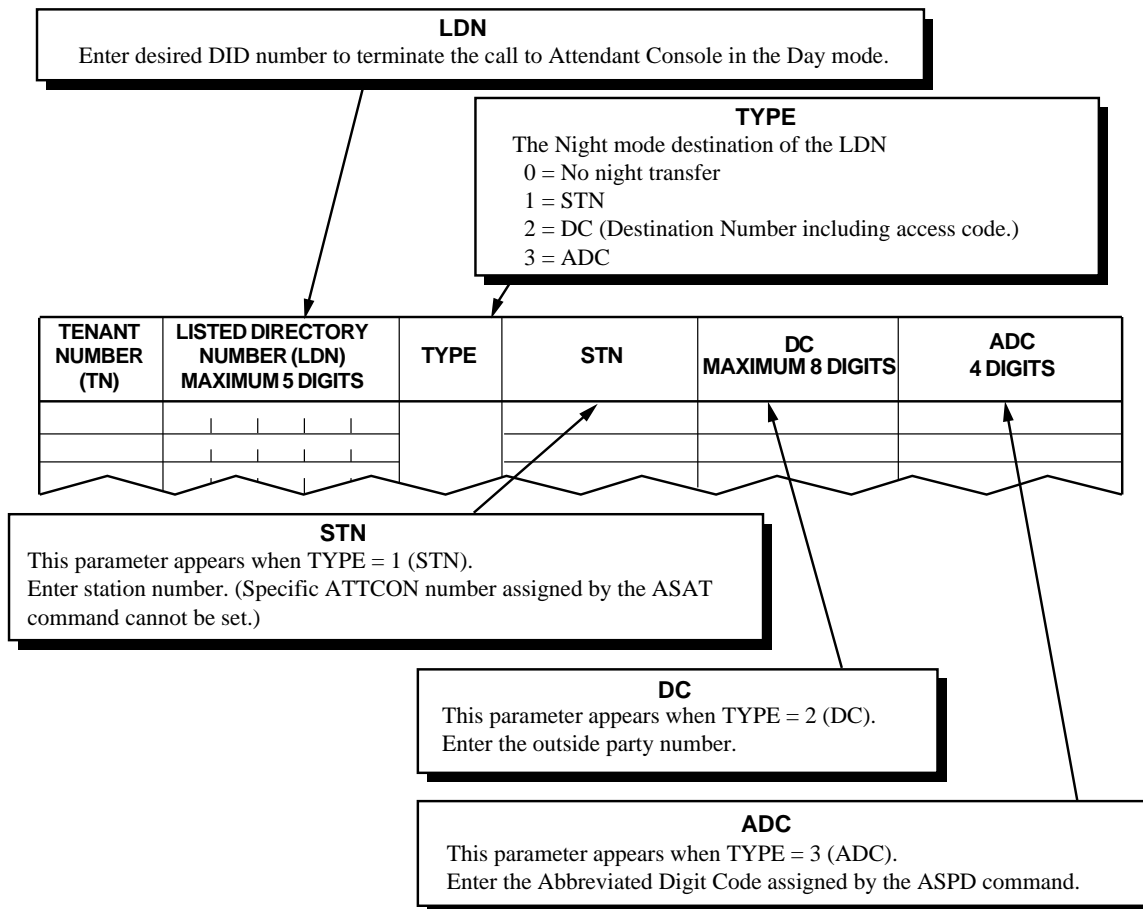
2. The numbering of the LDN assigned by this command must conform to the numbering plan data.

The ANPD command and the ASPA command (SRV=STN)

3. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data of this command is common for all tenants (ASYD command, SYS1, INDEX92, bit3=1), assign TN parameter as data "1" for all tenants.

The number of station number (STN) digits is designated by the ASYD command, SYS1, INDEX16.

3. Data Entry Instructions



ALDN : Assignment of Listed Directory Number**4. Data Sheet**

TENANT NUMBER (TN)	LISTED DIRECTORY NUMBER (LDN) MAXIMUM 5 DIGITS	TYPE	STN	DC MAXIMUM 8 DIGITS	ADC 4 DIGITS

ALDNN: Assignment of Listed Directory Number for NDM

1. General

This command is used to assign the Listed Directory Number (LDN) which allows a Direct Inward Dialing (DID) call to terminate to Attendant Consoles within the Fusion Network. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. When the LDN number assigned by this command is dialed from PSTN, the call terminates to Attendant Consoles during the Day mode, and redirects to a station or outside party in the Night mode. Any ATTCON or station within the Fusion Network can be designated as the destination the call to be terminated.
2. The numbering of the LDN assigned by this command must conform to the numbering plan data. (The ANPDN command and the ASPAN command (SRV = TELN))
3. This command is an available software enhancement.

3. Data Entry Instructions

- (a) TYPE = 0 (No Night Transfer) is selected;

L-TELN

Enter desired DID number to terminate the call to Attendant Console in Day mode.

TYPE

0 = No Night Transfer
1 = TELN
2 = To Outside
3 = ADC

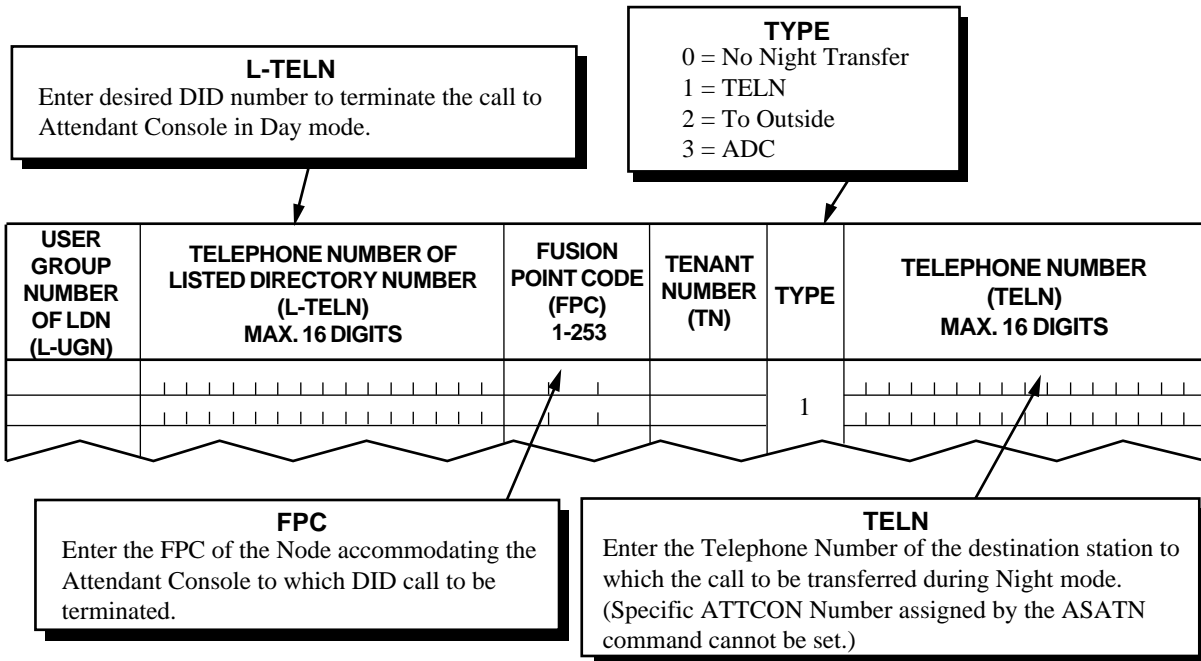
USER GROUP NUMBER OF LDN (L-UGN)	TELEPHONE NUMBER OF LISTED DIRECTORY NUMBER (L-TELN) MAX. 16 DIGITS	FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	TYPE	REMARKS
	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	|_|_|		0	

FPC

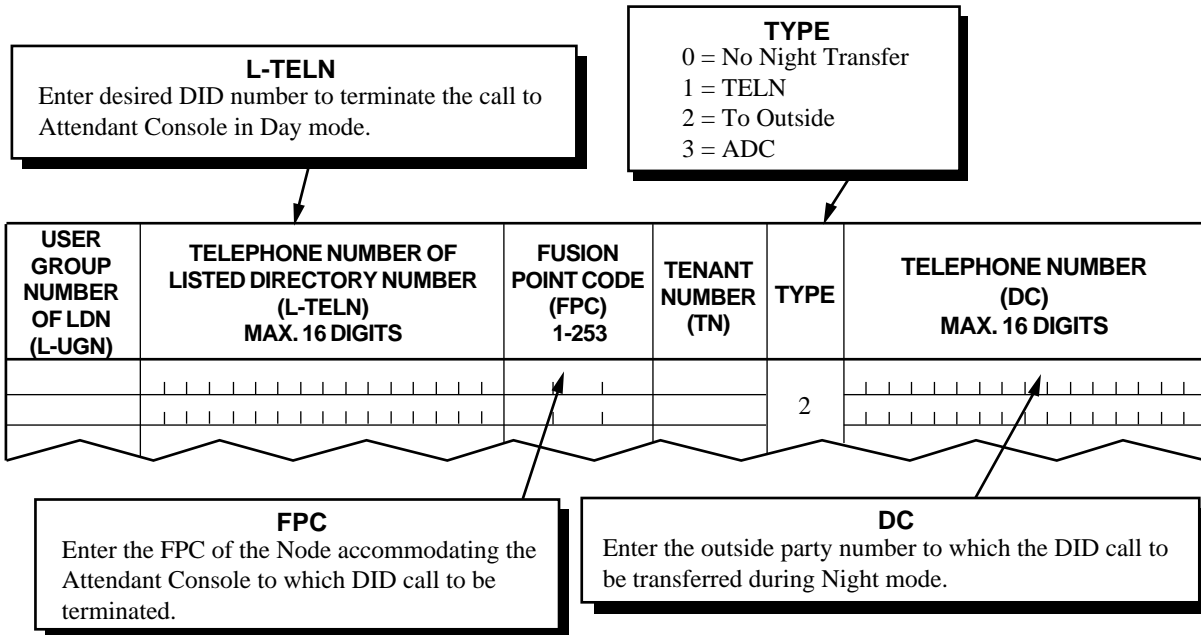
Enter the FPC of the Node accommodating the Attendant Console to which DID call to be terminated.

ALDNN : Assignment of Listed Directory Number for NDM

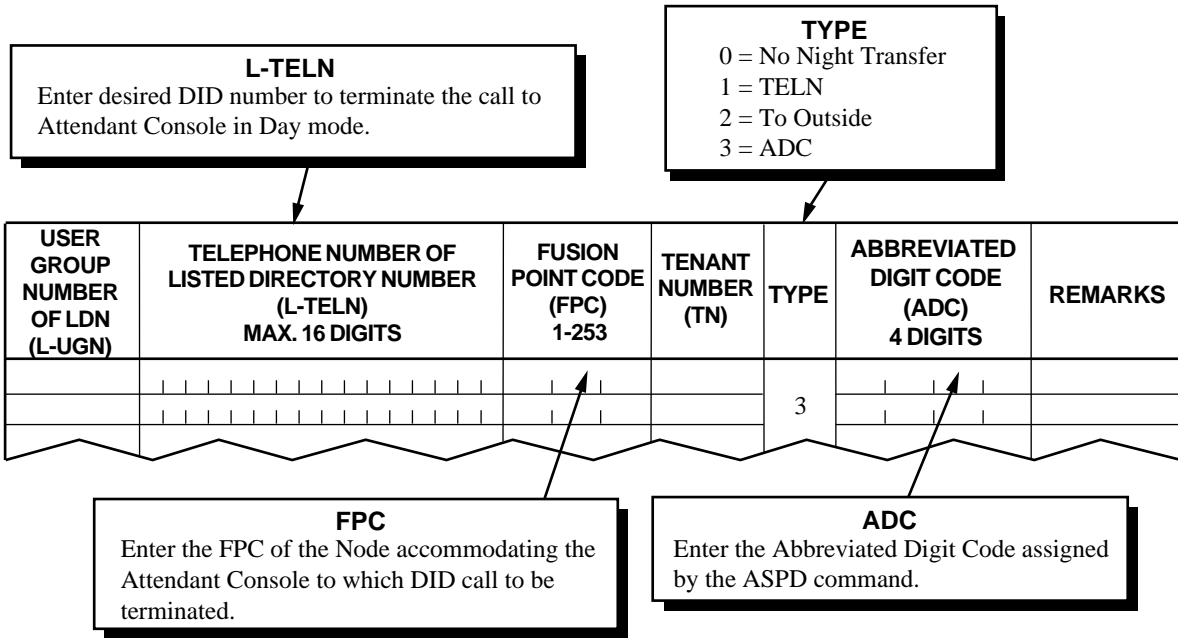
(b) TYPE = 1 (TELN) is selected;



(c) TYPE = 2 (To Outside) is selected;



(d) TYPE = 3 (ADC) is selected;



4. Data Sheet

(a) TYPE = 0 (No Night Transfer) is selected;

USER GROUP NUMBER OF LDN (L-UGN)	TELEPHONE NUMBER OF LISTED DIRECTORY NUMBER (L-TELN) MAX. 16 DIGITS	FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	TYPE	REMARKS
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		

(b) TYPE = 1 (TELN) is selected;

USER GROUP NUMBER OF LDN (L-UGN)	TELEPHONE NUMBER OF LISTED DIRECTORY NUMBER (L-TELN) MAX. 16 DIGITS	FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	TYPE	TELEPHONE NUMBER (TELN) MAX. 16 DIGITS
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _
	_ _ _ _ _ _ _ _ _ _ _ _ _ _ _	_ _	_ _		_ _ _ _ _ _ _ _ _ _ _ _ _ _ _

(c) TYPE = 2 (To Outside) is selected;

USER GROUP NUMBER OF LDN (L-UGN)	TELEPHONE NUMBER OF LISTED DIRECTORY NUMBER (L-TELN) MAX. 16 DIGITS	FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	TYPE	DESTINATION NUMBER (DC) MAX. 16 DIGITS

(d) TYPE = 3 (ADC) is selected;

USER GROUP NUMBER OF LDN (L-UGN)	TELEPHONE NUMBER OF LISTED DIRECTORY NUMBER (L-TELN) MAX. 16 DIGITS	FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	TYPE	ABBREVIATED DIGIT CODE (ADC) 4 DIGITS	REMARKS

AISP: Assignment of Incoming Selection Pattern

1. General

This command assigns additional digits information with respect to the Incoming Selection Translation Pattern Number (PNI).

2. Precautions

1. Since the PNI is an intermediate parameter to the ASTP command, assign the PNI for the incoming route number by the ASTP command before assigning the AISP command.
2. The system processes the ASTP/AISP command prior to the numbering plan data. If the LCR access code is added to the received numbers by the ASTP/AISP command, the system processes the LCR related command such as ASPA/AFRS/AOPR.

3. Data Entry Instructions

PNI Enter the PNI assigned by the ASTP command.	DC Enter desired additional numbers within 4 digits.
---	--

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1-15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		

4. Data Sheet

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1 – 15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

AISPL: Assignment of Incoming Selection Pattern Data for LDM

1. General

This command is used to assign additional digits information with respect to the Incoming Selection Translation Pattern Number (PNI). This data is written in Local Data Memory (LDM).

2. Precautions

1. Since the PNI is an intermediate parameter to the ASTPL command, assign the PNI for the incoming route number by the ASTPL command before assigning the AISPL command.
2. The system processes the ASTPL/AISPL command prior to the numbering plan data. Thus, if the LCR access code is added to the received numbers by the ASTPL/AISPL command, the system processes the LCR related command such as ASPAL/AFRSL/AOPRL.

3. Data Entry Instructions

PNI

Enter the PNI assigned by the ASTPL command.

DC

Enter desired additional numbers within 4 digits.

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1-15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		

4. Data Sheet

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1 – 15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

AISPN: Assignment of Incoming Selection Pattern Data for NDM

1. General

This command is used to assign additional digits information with respect to the Incoming Selection Translation Pattern Number (PNI). The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Since the PNI is an intermediate parameter to the ASTPN command, assign the PNI for the incoming route number by the ASTPN command before assigning the AISPN command.
2. The system processes the ASTPN/AISPN command prior to the numbering plan data. Thus, if the LCR access code is added to the received numbers by the ASTPN/AISPN command, the system processes the LCR related command such as ASPAN/AFRSN/AOPRN.

3. Data Entry Instructions

PNI

Enter the PNI assigned by the ASTPN command.

DC

Enter desired additional numbers within 4 digits.

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1-15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		

4. Data Sheet

INCOMING SELECTION TRANSLATION PATTERN NUMBER (PNI) 1 – 15	ADDITIONAL DIGIT INFORMATION (DC) MAXIMUM 4 DIGITS	REMARKS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

ARAC: Assignment of Remote Access Code

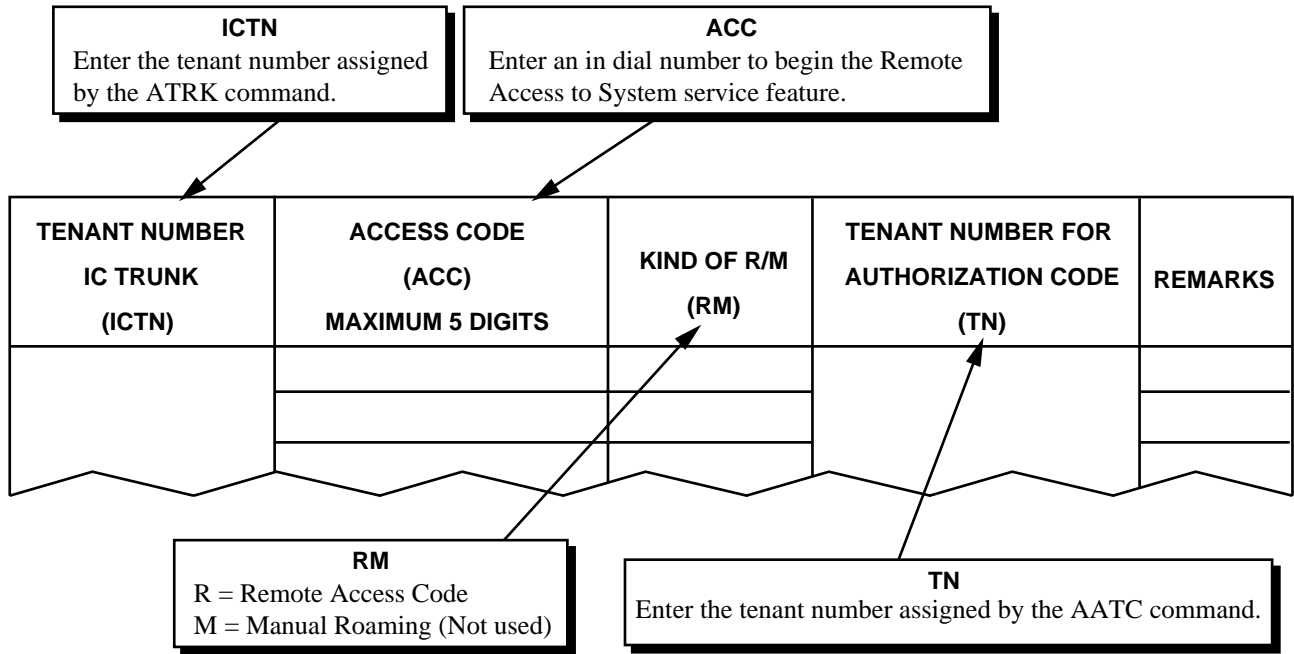
1. General

This command is used when the system provides the Remote Access to System service feature for a TIE line or DID line.

2. Precautions

1. The Remote Access to System service feature is activated when the access code (assigned at ACC parameter of this command) is called from a TIE line or a DID line. This command assignment is not required when the Ring Down method incoming route is applied to the Remote Access to System service feature.
2. The tenant number of the Incoming Trunk (ICTK) is assigned by the ATRK command.
3. The ACC should be assigned a unique number conformable to the station number (STN) assigned by the numbering plan data.
4. When the ASYD command, INDEX43, bit0=0 (Authorization Code required with Remote Access to System service feature) is assigned, the AATC/AMND command should also be assigned. In this case, the TN parameter of this command should correspond to the tenant number assigned by the AATC command.
5. To accomplish the Remote Access to System service feature, the following commands should also be assigned:
 - ARTD command, FA = 1
 - ASTD command, STM = 4, SYS = 0, ST = 1
 - ACSI command
 - ACFR command
 - ARRC command

3. Data Entry Instructions



ARAC : Assignment of Remote Access Code

4. Data Sheet

TENANT NUMBER OF IC TRUNK (ICTN)	ACCESS CODE (ACC) MAXIMUM 5 DIGITS	KIND OF R/M (RM)	TENANT NUMBER FOR AUTHORIZATION CODE (TN)	REMARKS

ARSC: Assignment of Route Restriction Class

1. General

This command assigns route restriction information according to the Route Restriction Class (RSC) of the station and the Route Number (RT).

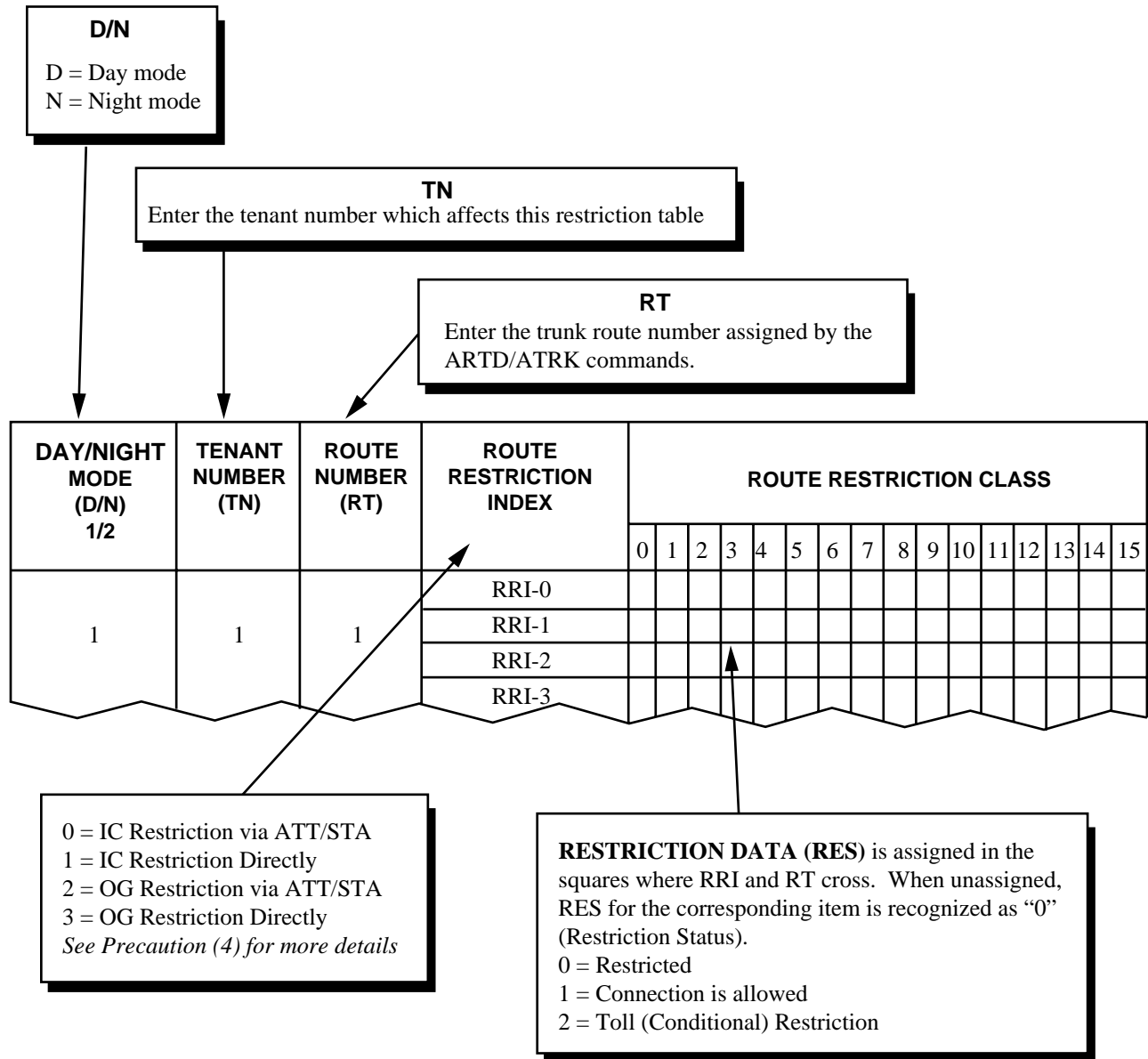
2. Precautions

1. Data can be entered on a Day/Night basis, if specified in ASYD command, SYS1, INDEX75, bit 0=1.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data of this command is common for all tenants (ASYD command, SYS1, INDEX92, bit4=1), assign TN parameter as data "1" for all tenants.
3. The displayed Route Restriction Class (RSC) corresponds to the one assigned by the ASDT command.
4. The details of each RRI are as follows:

RRI	Descriptions
RRI-0	Trunk incoming connection with an Attendant Console (or a station) assistance.
RRI-1	Trunk incoming connection without assistance.
RRI-2	Trunk outgoing connection with an Attendant Console (or a station) assistance.
RRI-3	Trunk outgoing connection without assistance. Note: For the dummy route, assign the data to RRI3 only.

5. The restriction data (RES) is entered in the text box where RSC and RRI cross.
6. When RES=2 is assigned in RRI=3, ATDP/AARP (Toll Restriction 3/6 digits) should be assigned to specify the connection allowed area.
7. The parameter RES = "2" (Toll Restriction is allowed) is valid only when the parameter RRI = "3" (OG Restriction Directly) is assigned.

3. Data Entry Instructions



4. Data Sheet

DAY/NIGHT MODE D/N	TENANT NUMBER (TN)	ROUTE NUMBER (RT)	ROUTE RESTRICTION INDEX	ROUTE RESTRICTION CLASS															
				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																

ARSCN: Assignment of Route Restriction Class for NDM

1. General

This command assigns route restriction information according to the Route Restriction Class (RSC) of the station and the Logical Route Number in the Fusion network.

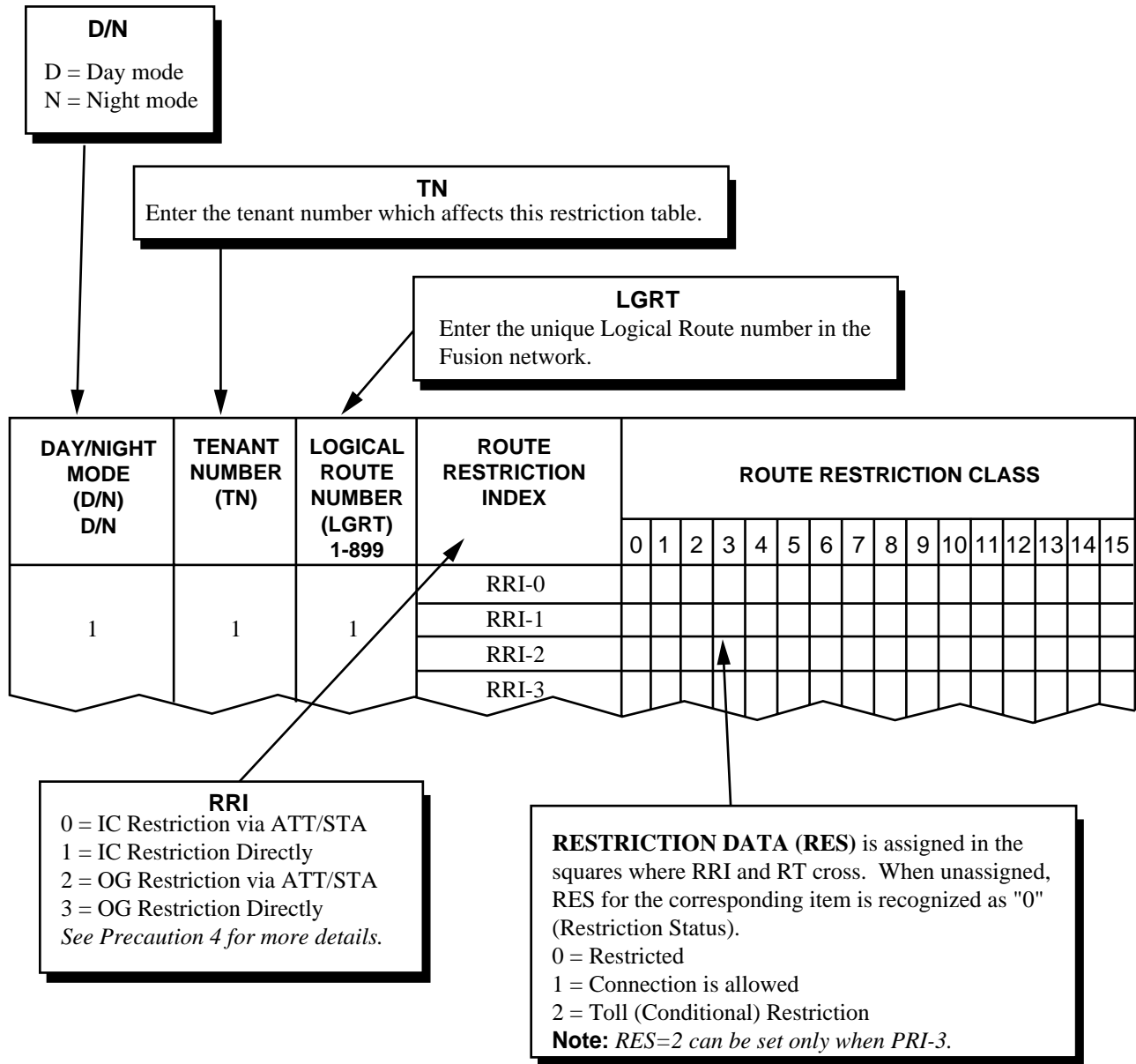
2. Precautions

1. Data can be entered on a Day/Night basis, if specified in ASYDN command, SYS1, INDEX75, bit 0=1.
2. The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS1, INDEX8. If data in this command is common for all tenants (ASYDN command, SYS1, INDEX800, bit6=1), assign the TN parameter as data "1" for all tenants.
3. The displayed Route Restriction Class (RSC) corresponds to the one assigned by the ASDT command.
4. The details of each RRI are as follows:

RRI	Descriptions
RRI-0	Trunk incoming connection with an Attendant Console (or a station) assistance.
RRI-1	Trunk incoming connection without assistance.
RRI-2	Trunk outgoing connection with an Attendant Console (or a station) assistance.
RRI-3	Trunk outgoing connection without assistance. Note: For the dummy route, assign the data to RRI3 only.

5. The restriction data (RES) is entered in the text box where RSC and RRI cross.
6. When RES = 2 is assigned in RRI = 3, ATDPN/AARPN (Toll Restriction 3/6 digits) should be assigned to specify the connection allowed area.
7. The parameter RES = "2" (Toll Restriction is allowed) is valid only when the parameter RRI = "3" (OG Restriction Directly) is assigned.

3. Data Entry Instructions



ARSCN : Assignment of Route Restriction Class for NDM

4. Data Sheet

DAY/NIGHT MODE D/N	TENANT NUMBER (TN)	LOGICAL ROUTE NUMBER (LGRT) 1-899	ROUTE RESTRICTION INDEX	ROUTE RESTRICTION CLASS															
				0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																
			RRI-0																
			RRI-1																
			RRI-2																
			RRI-3																

ARRC: Assignment of Alternative Route Restriction

1. General

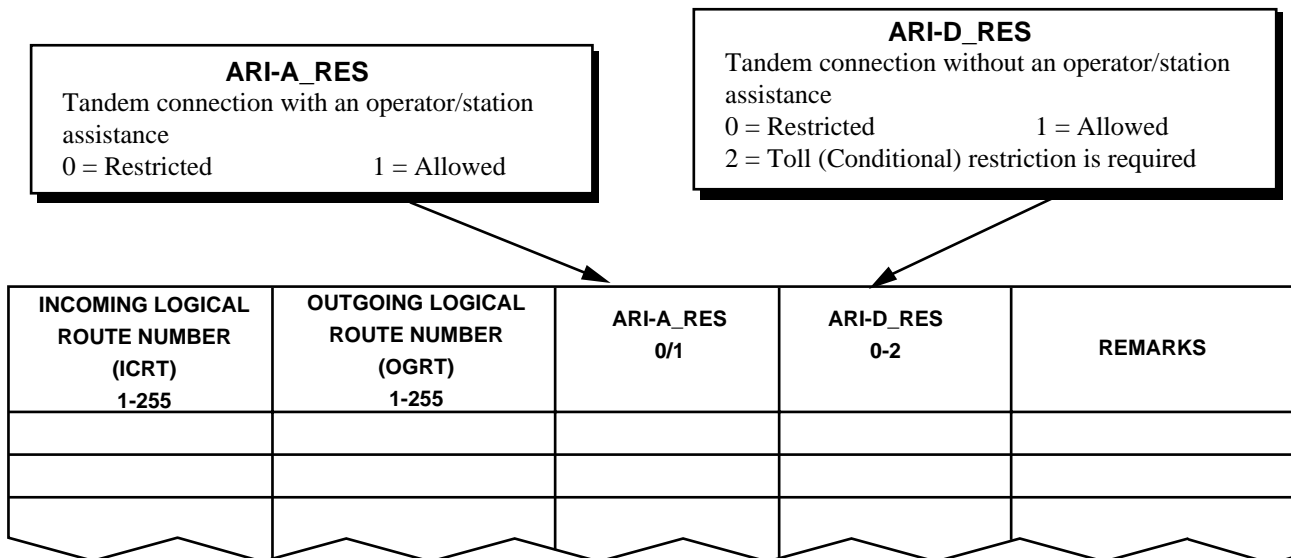
This command is used to accomplish trunk tandem connection.

2. Precautions

1. The ASTD command is also required to access trunk tandem connections including C.O. Line.
2. When data "2 (Toll Restriction is required)" is assigned at the ARI-D_RES parameter, the ATDP command designates the connection allowed area (office) code.
3. The following table shows the applicable data assignment of ARI-A_RES and ARI-D_RES parameter.

ARI-A_RES	ARI-D_RES	Tandem connection with operator assistance	Tandem connection without operator assistance
0	0	Restricted	Restricted
1	0	Allowed	Restricted
1	1	Allowed	Allowed
1	2	Allowed	Depend on ATDP/AARP assignment
0	1	This data assignment is not applicable.	
0	2		

3. Data Entry Instructions



ARRC : Assignment of Alternative Route Restriction

4. Data Sheet

INCOMING ROUTE NUMBER (ICRT)	OUTGOING ROUTE NUMBER (OGRT)	(ARI-A_RES) 0/1	(ARI-D_RES) 0 - 2	REMARKS

ARRCN: Assignment of Alternative Route Restriction for NDM

1. General

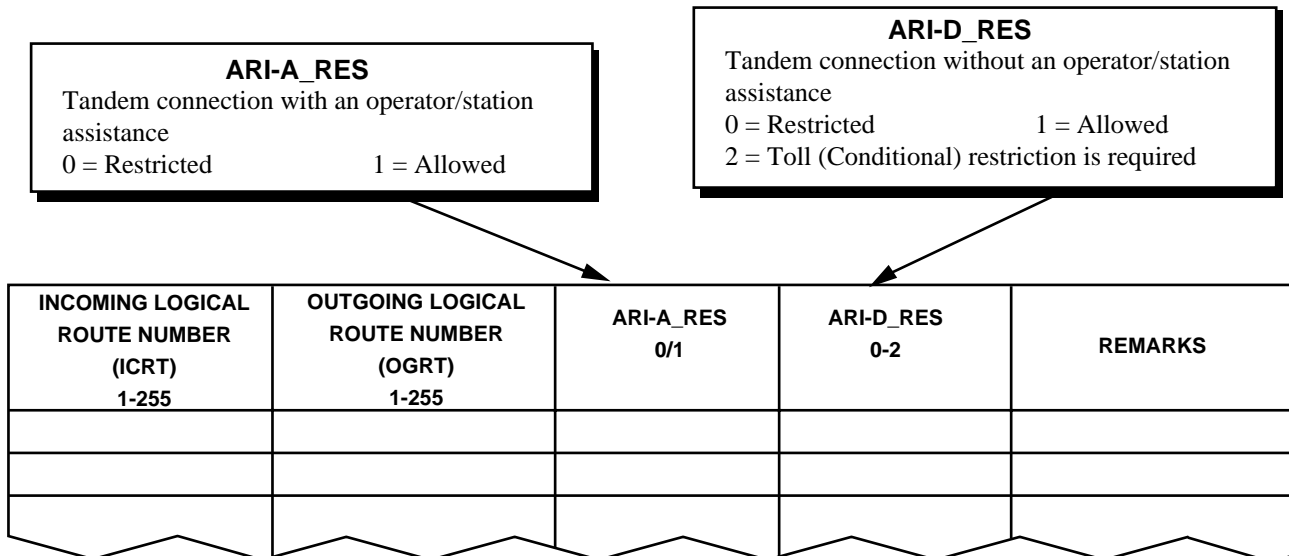
This command establishes trunk tandem connection (Logical route to Logical route via the Fusion network). This data is written in the NDM of the NCN.

2. Precautions

1. The ASTD command is also required to access trunk tandem connections including C.O. Line.
2. When data “2 (Toll Restriction is required)” is assigned at the ARI-D_RES parameter, the ATDPN command designates the connection allowed area (office) code.
3. The following table shows the applicable data assignment of ARI-A_RES and ARI-D_RES parameter.

ARI-A_RES	ARI-D_RES	Tandem connection with operator assistance	Tandem connection without operator assistance
0	0	Restricted	Restricted
1	0	Allowed	Restricted
1	1	Allowed	Allowed
1	2	Allowed	Depend on ATDPN/AARPN assignment
0	1	This data assignment is not applicable.	
0	2		

3. Data Entry Instructions



ARRCN : Assignment of Alternative Route Restriction for NDM

4. Data Sheet

INCOMING LOGICAL ROUTE NUMBER (ICLGRT) 1-899	OUTGOING LOGICAL ROUTE NUMBER (OGLGRT) 1-899	(ARI-A_RES) 0/1	(ARI-D_RES) 0 - 2	REMARKS

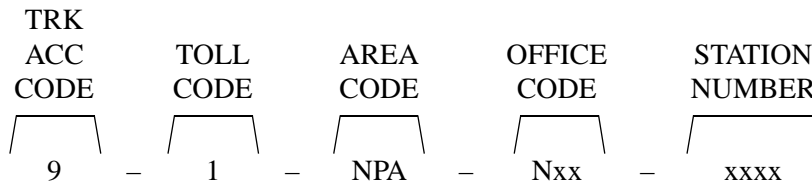
ATDP: Assignment of Toll Code Restriction Data

1. General

This command assigns the area code of Toll Restriction - 3/6 digits for both an outgoing connection and a tandem connection.

2. Precautions

1. This command is used when restriction data is assigned to RES = 2 (Toll Restriction is required) in the ARSC command or in the ARRC command.
2. The office code following the area code assigned on this command can also be specified by AARP command.
3. Setting Method of Area and Office Code Restriction



In case the number to be dialed is as shown above.

(a) 3-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 3-digit toll restriction is a restriction that is to be executed by developing the contents (NPA in this case) of the digits that follow the toll code.

If the data is set as follows, a toll call can be restricted by developing NPA.

- At Toll Code Restriction Data (ATDP)
DC = 9-1, TDI = 2, NND = 3 (NPA)
- At Area & Office Code Data (AARP)
DC = NPA (Only 3 digits)

ATDP : Assignment of Toll Code Restriction Data

(b) 6-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 6-digit toll restriction is a restriction that is to be executed by developing the contents (NPA - Nxx in this case) of the 6 digits that follow the toll code.

If data is set as follows, a toll call can be restricted by developing NAP - Nxx.

- At Toll Code Restriction Data (ATDP)

DC = 9-1, TDI = 2, NND = 6 (NPA - Nxx)

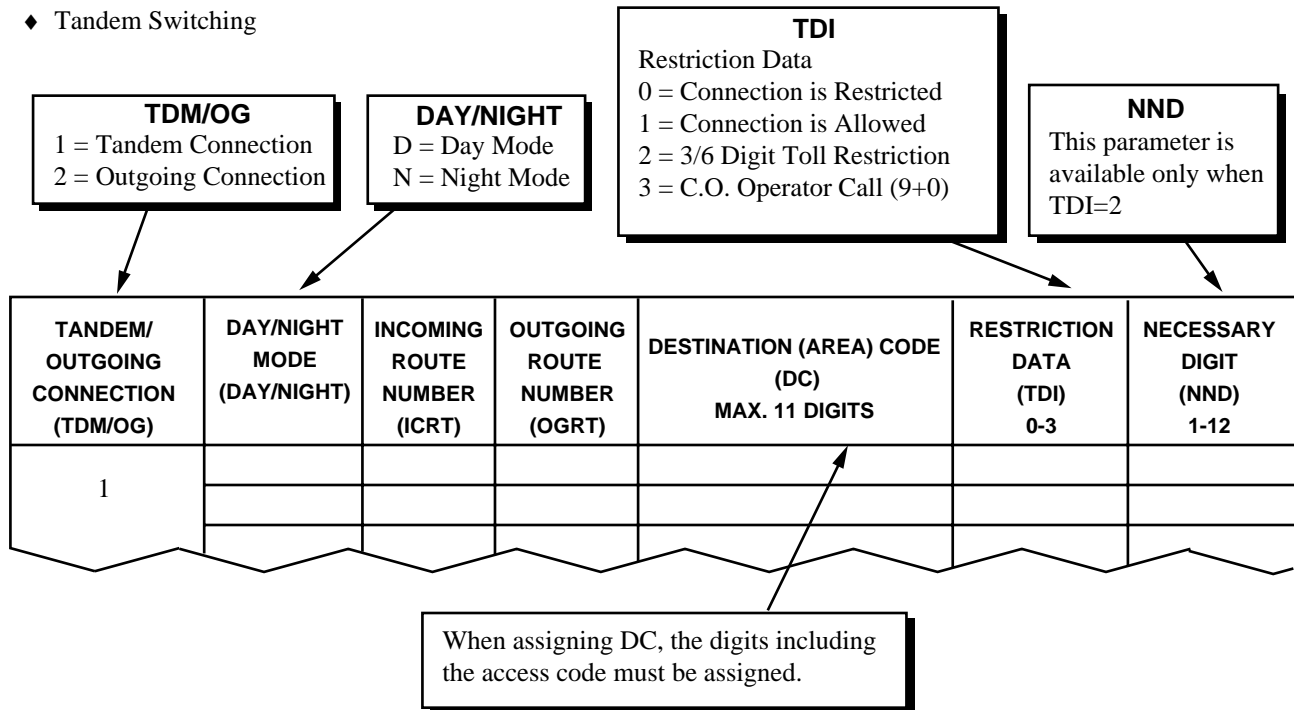
- At Area & Office Code Data (AARP)

DC = NAP - Nxx (6 digits)

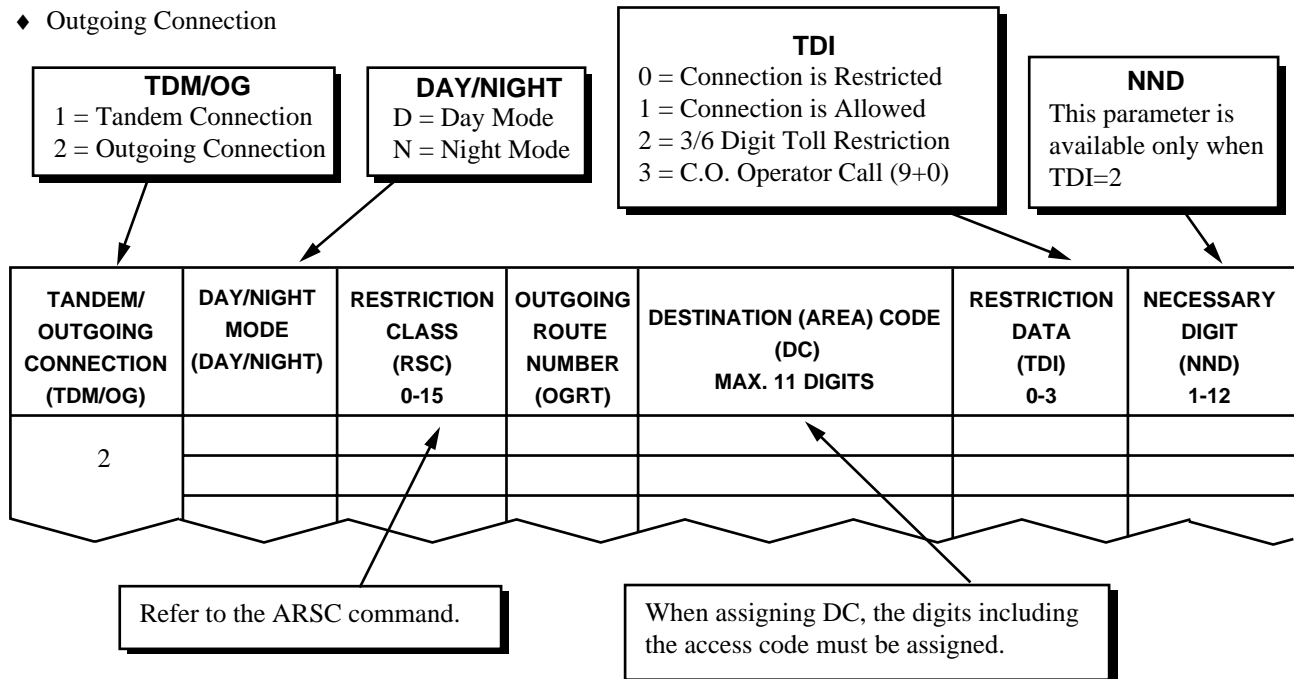
4. Data can be entered on a Day/Night basis, if specified in ASYD command, SYS 1, INDEX 75, Bit 3=1.
5. The rest of the parameter appearance depends on the data entered in TDM/OG parameter.

3. Data Entry Instructions

◆ Tandem Switching



◆ Outgoing Connection



ATDP : Assignment of Toll Code Restriction Data

4. Data Sheet

(a) Tandem Connection (TDM/OG = T/O)

TANDEM/ OUTGOING T/O	DAY/NIGHT MODE (DAY/NIGHT) D/N	INCOMING ROUTE NUMBER (ICRT)	OUTGOING ROUTE NUMBER (OGRT)	DESTINATION (AREA) CODE (DC) MAXIMUM 11 DIGITS	RESTRICTION DATA (TDI) 0 - 3
1					

(b) Outgoing Connection (TDM/OG = 2)

TANDEM/ OUTGOING (TDM/OG)	DAY/NIGHT MODE (DAY/NIGHT) 1/2	ROUTE RESTRICTION NUMBER (RSC) 0 - 15	OUTGOING ROUTE NUMBER (OGRT)	DESTINATION (AREA) CODE (DC) MAX. 11 DIGITS	RESTRICTION DATA (TDI) 0 - 3
2					

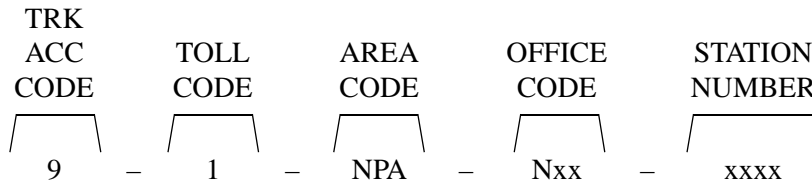
ATDPL: Assignment of Toll Code Restriction Data for LDM

1. General

This command assigns the area code of Toll Restriction - 3/6 digits for an outgoing connection. This data is written in Local Data Memory (LDM). When using common Toll Code Restriction data in Fusion Network, assign this data via the ATDPN command.

2. Precautions

1. This command is used when restriction data is assigned to RES = 2 (Toll Restriction is required) in the ARSCL command or in the ARRCL command.
2. The office code following the area code assigned on this command can also be specified by the AARPL (LDM)/AARPN (NDM) command.
3. Setting Method of Area and Office Code Restriction



In case the number to be dialed is as shown above.

(a) 3-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 3-digit toll restriction is a restriction that is to be executed by developing the contents (NPA in this case) of the digits that follow the toll code.

If the data is set as follows, a toll call can be restricted by developing NPA.

- At Toll Code Restriction Data for LDM (ATDPL)

DC = 9-1, TDI = 2, NND = 3 (NPA)

- At Area & Office Code Data (AARPL)

DC = NPA (Only 3 digits)

(b) 6-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 6-digit toll restriction is a restriction that is to be executed by developing the contents (NPA - Nxx in this case) of the 6 digits that follow the toll code.

If data is set as follows, a toll call can be restricted by developing NPA - Nxx.

- At Toll Code Restriction Data for LDM (ATDPL)

DC = 9-1, TDI = 2, NND = 6 (NPA - Nxx)

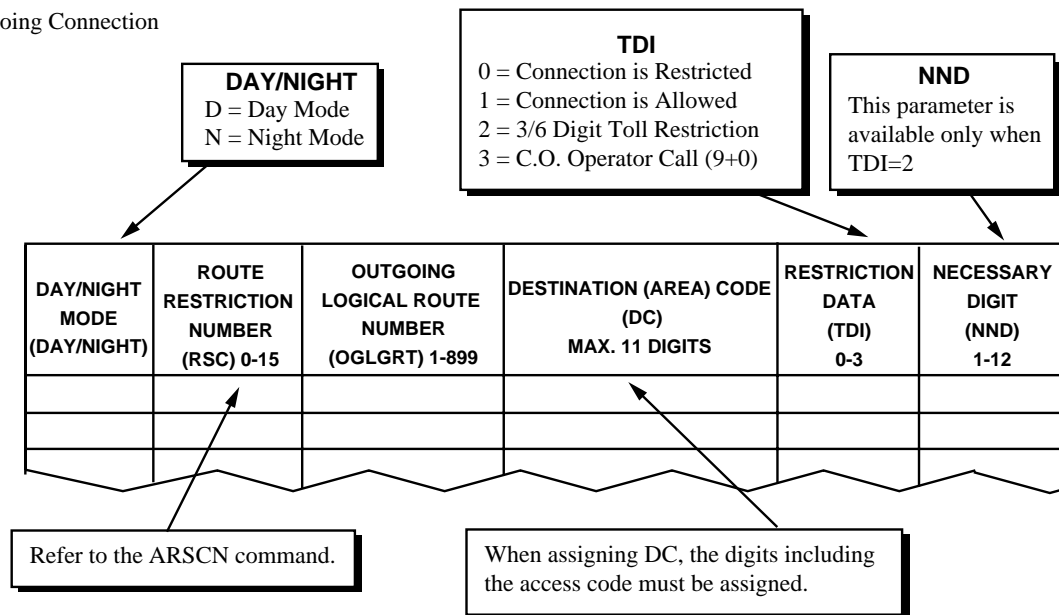
- At Area & Office Code Data (AARPL)

DC = NAP - Nxx (6 digits)

4. Data can be entered on a Day/Night basis, if specified in ASYD command, SYS 1, INDEX 75, Bit 3=1.

3. Data Entry Instructions

◆ Outgoing Connection



4. Data Sheet

DAY/NIGHT MODE (DAY/NIGHT) D/N	ROUTE RESTRICTION NUMBER (RSC) 0-15	OUTGOING LOGICAL ROUTE NUMBER (OGLGRT) 1-899	DESTINATION (AREA) CODE (DC) MAX. 11 DIGITS	RESTRICTION DATA (TDI) 0-3	NECESSARY DIGIT (NND) 1-12
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
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			_ _ _ _ _ _ _ _ _ _ _		
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			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		
			_ _ _ _ _ _ _ _ _ _ _		

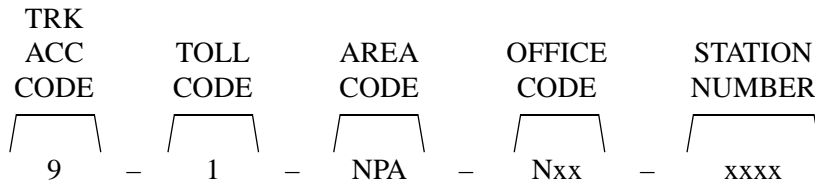
ATDPN: Assignment of Toll Code Restriction Data for NDM

1. General

This command assigns the area code of Toll Restriction - 3/6 digits for both an outgoing connection and a tandem connection. This data is written in the Network Data Memory (NDM) of the Network Control Node (NCN). The data assigned by this command is used in common within the Fusion Network.

2. Precautions

1. This command is used when restriction data is assigned to RES = 2 (Toll Restriction is required) in the ARSCN command or in the ARRCN command.
2. The office code following the area code assigned on this command can also be specified by the AARPN command.
3. Setting Method of Area and Office Code Restriction



In case the number to be dialed is as shown above.

(a) 3-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 3-digit toll restriction is a restriction that is to be executed by developing the contents (NPA in this case) of the digits that follow the toll code.

If the data is set as follows, a toll call can be restricted by developing NPA.

- At Toll Code Restriction Data (ATDPN)

DC = 9-1, TDI = 2, NND = 3 (NPA)

- At Area & Office Code Data (AARPN)

DC = NPA (Only 3 digits)

(b) 6-Digit Toll Restriction

9 - 1 - NPA - Nxx - xxxx

A 6-digit toll restriction is a restriction that is to be executed by developing the contents (NPA - Nxx in this case) of the 6 digits that follow the toll code.

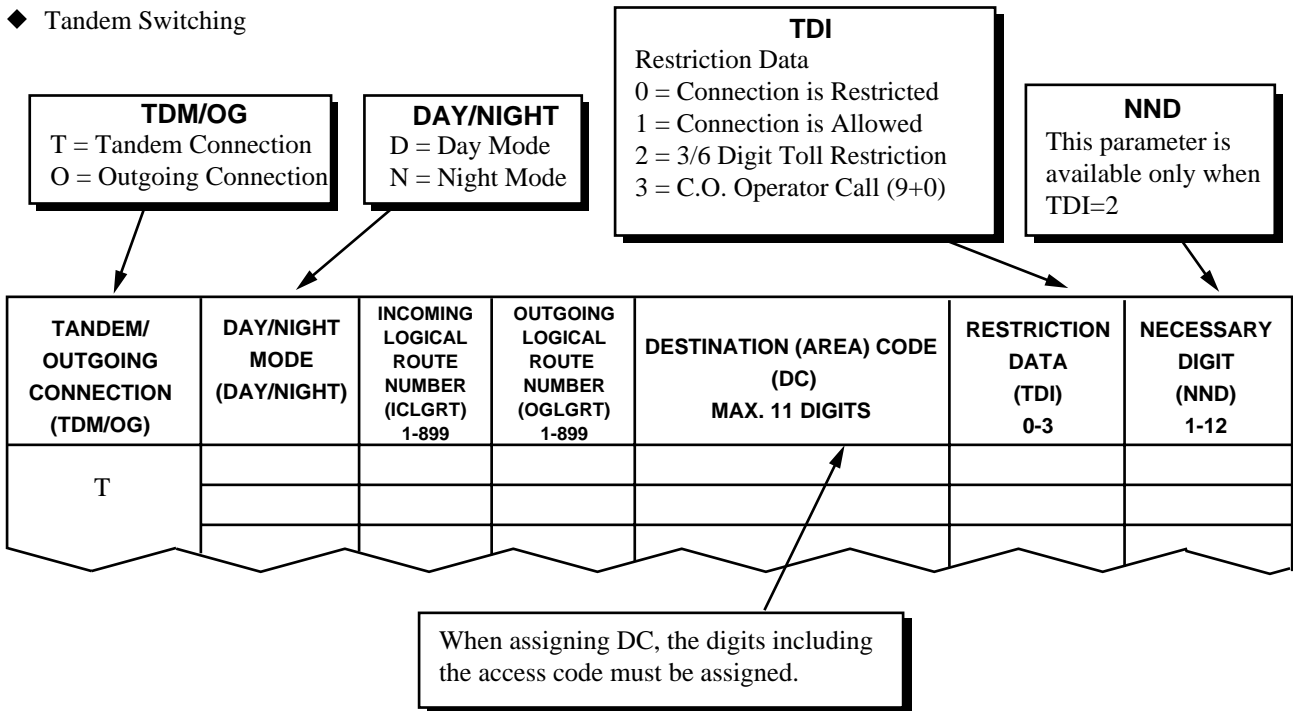
ATDPN : Assignment of Toll Code Restriction Data for NDM

If data is set as follows, a toll call can be restricted by developing NPA - Nxx.

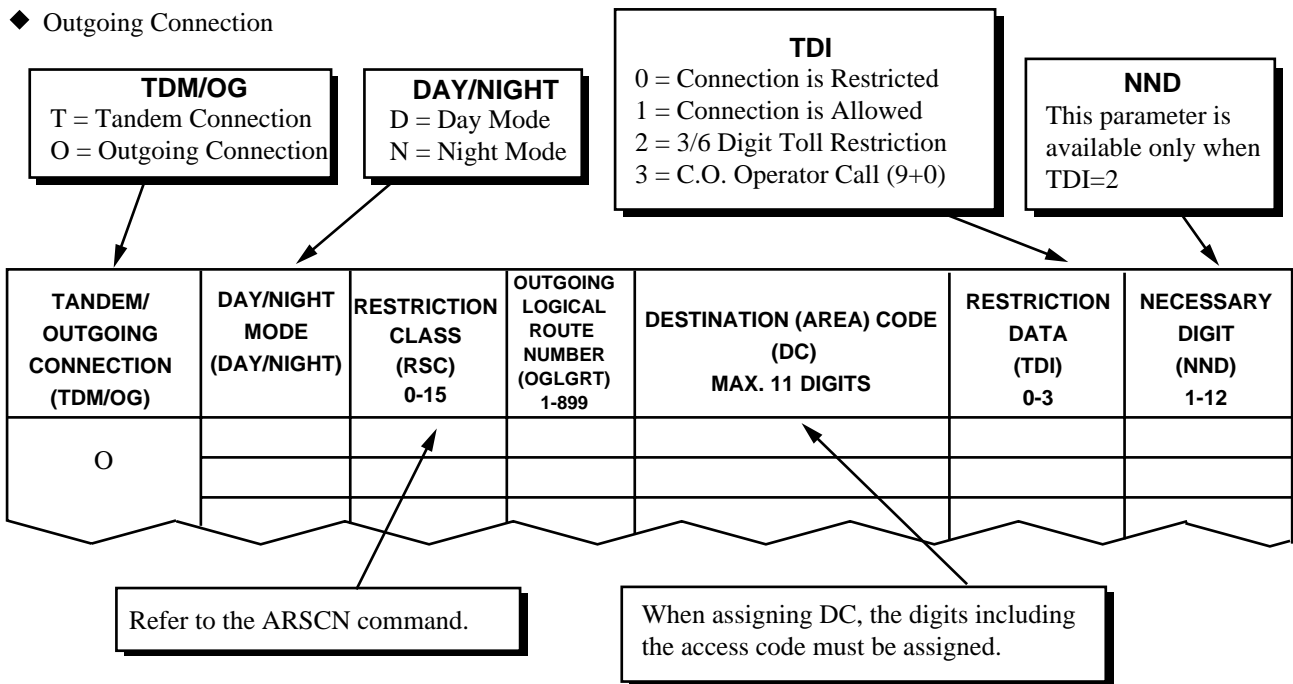
- At Toll Code Restriction Data (ATDPN)
DC = 9-1, TDI = 2, NND = 6 (NPA - Nxx)
 - At Area & Office Code Data (AARPN)
DC = NAP - Nxx (6 digits)
4. Data can be entered on a Day/Night basis, if specified by the ASYDN command, SYS 1, INDEX 75, Bit 3 = 1.
 5. The rest of the parameter appearance depends on the data entered in TDM/OG parameter.

3. Data Entry Instructions

◆ Tandem Switching



◆ Outgoing Connection



ATDPN : Assignment of Toll Code Restriction Data for NDM

4. Data Sheet

(a) Tandem Connection (TDM/OG = T)

TANDEM/ OUTGOING T/O	DAY/NIGHT MODE (DAY/NIGHT) D/N	INCOMING LOGICAL ROUTE NUMBER (ICLGR) 1-899	OUTGOING LOGICAL ROUTE NUMBER (OGLGR) 1-899	DESTINATION (AREA) CODE (DC) MAXIMUM 11 DIGITS	RESTRICTION DATA (TDI) 0-3	NECESSARY DIGIT (NND) 1-12
T				|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _ _ _ _ _		

ATDPN : Assignment of Toll Code Restriction Data for NDM

(b) Outgoing Connection (TDM/OG = 0)

TANDEM/ OUTGOING (TDM/OG)	DAY/NIGHT MODE (DAY/NIGHT) D/N	ROUTE RESTRICTION NUMBER (RSC) 0-15	OUTGOING LOGICAL ROUTE NUMBER (OGLGRT) 1-899	DESTINATION (AREA) CODE (DC) MAX. 11 DIGITS	RESTRICTION DATA (TDI) 0-3	NECESSARY DIGIT (NND) 1-12
0				|_|_|_|_|_|_|_|_|_|_|_|		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		
				_ _ _ _ _ _ _ _ _ _ _		

AARP: Assignment of Area Code Restriction

1. General

This command assigns the area/office code of Toll Restriction - 3/6 digits in conjunction with ATDP command.

2. Precautions

1. This command is used when restriction data is assigned to RES E 2 (Toll Restriction is required) in the ARSC command or in the ARRC command.

3. Data Entry Instructions

OUTGOING ROUTE NUMBER (OGRT)	ROUTE RESTRICTION CLASS (RSC) 0-15	FLAG OF 3 OR 6 DIGITS (FLAG) 3 Digits/6 Digits	DESTINATION (AREA/OFFICE) CODE (DC) MAX. 6 DIGITS	RESTRICTION DATA (RES) 0/1	REMARKS

FLAG
Select either 3 Digits or
6 Digits check box.

RES
0 = Area/Office code is restricted.
1 = Area/Office code is allowed.

RSC
RSC assigned by the ARSC command.

DC
DC should not include the access code.

Note: *In case the data has already been assigned when “Get” button is executed after checking “6 Digits” parameter and entering DC E 000000, “Del” button is not valid while “Set” button is to be effective. Then the Restriction data can be changed (overwritten) by “Set” button.*

4. Data Sheet

OUTGOING ROUTE NUMBER (OGRT)	ROUTE RESTRICTION CLASS (RSC) 0 -15	FLAG OF 3 OR 6 DIGITS (FLAG) 3 Digits/6 Digits	DESTINATION (AREA/OFFICE) CODE (DC) MAX. 6 DIGITS	RESTRICTION DATA (RES) 0/1	REMARKS

AARPL: Assignment of Area Code Restriction for LDM

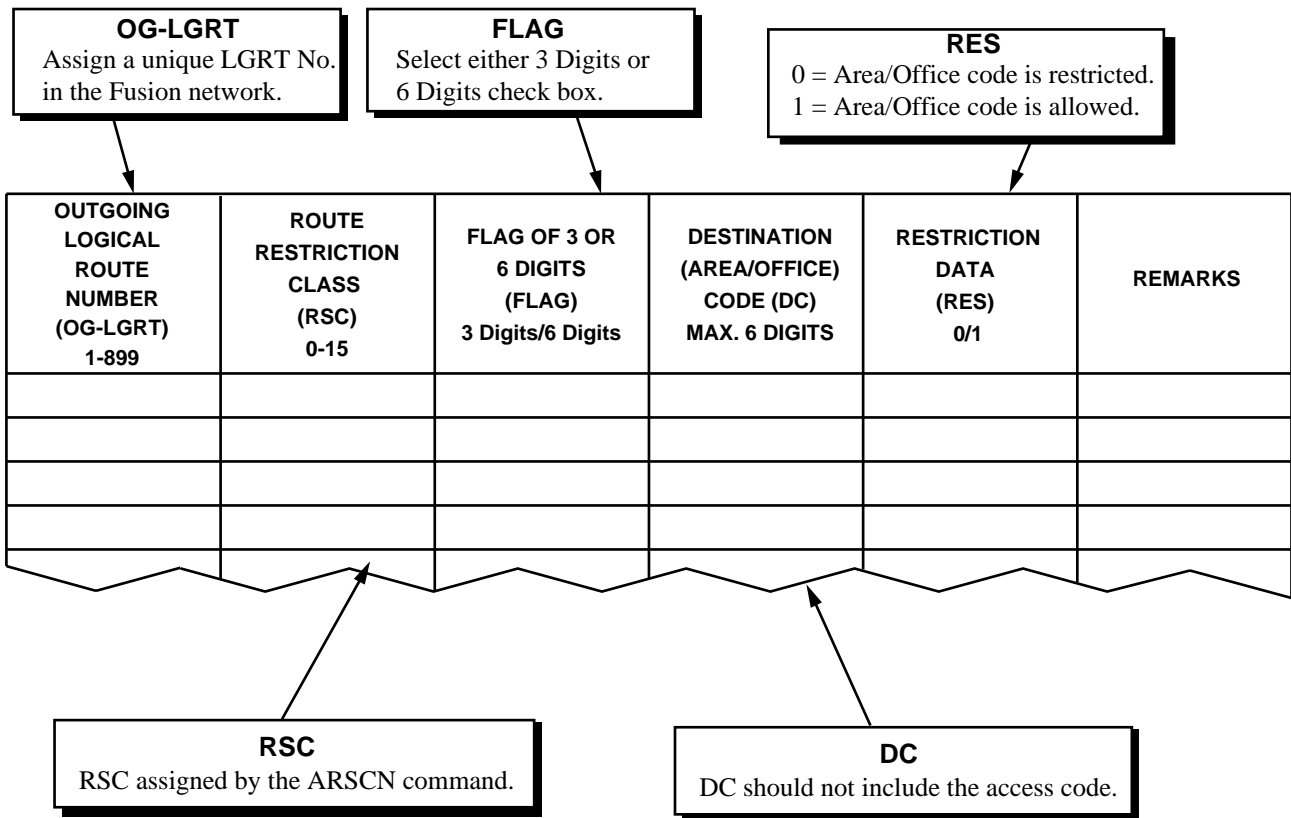
1. General

This command assigns the area/office code of Toll Restriction - 3/6 digits for Fusion service in conjunction with ATDPL (for LDM)/ATDPN (for NDM) command. This data is written in Local Data Memory (LDM). When common data is needed in the Fusion Network, assign the data by the AARPN command.

2. Precautions

1. This command is used when restriction data is assigned to RES E 2 (Toll Restriction is required) in the ARSCN (NDM) command or in the ARRCN command.

3. Data Entry Instructions



Note: In case the data has already been assigned when “Get” button is executed after checking “6 Digits” parameter and entering DC E 000000, “Del” button is not valid while “Set” button is to be effective. Then the Restriction data can be changed (overwritten) by “Set” button.

4. Data Sheet

OUTGOING LOGICAL ROUTE NUMBER (OG-LGRT) 1-899	ROUTE RESTRICTION CLASS (RSC) 0 -15	FLAG OF 3 OR 6 DIGITS (FLAG) 3 Digits/6 Digits	DESTINATION (AREA/OFFICE) CODE (DC) MAX. 6 DIGITS	RESTRICTION DATA (RES) 0/1	REMARKS

AARPN: Assignment of Area Code Restriction for NDM

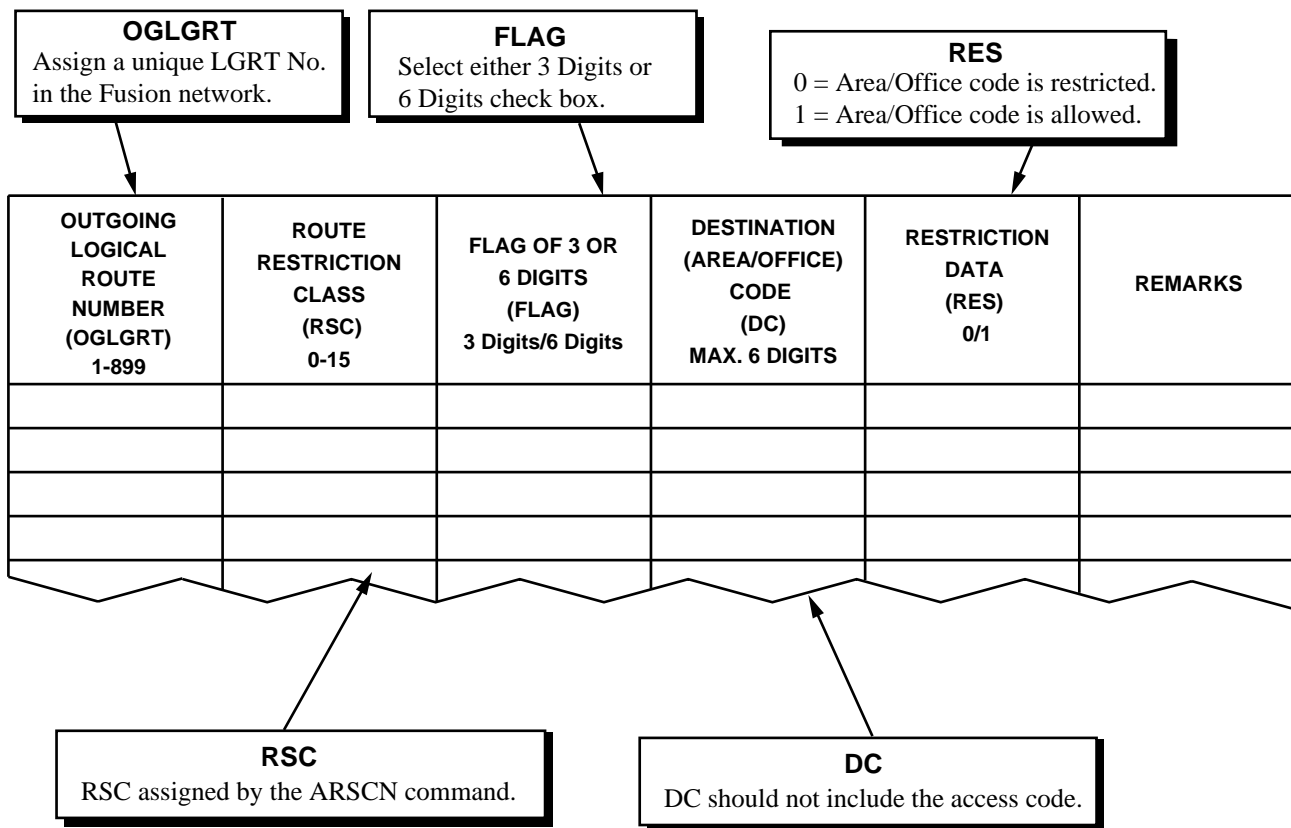
1. General

This command assigns the area/office code of Toll Restriction - 3/6 digits for Fusion service in conjunction with ATDPL (for LDM)/ATDPN (for NDM) command. This data is written in Network Data Memory (NDM) of the Network Control Node (NCN).

2. Precautions

1. This command is used when restriction data is assigned to RES E 2 (Toll Restriction is required) in the ARSCN (NDM) command or in the ARRCN command.

3. Data Entry Instructions



Note: In case the data has already been assigned when “Get” button is executed after checking “6 Digits” parameter and entering DC E 000000, “Del” button is not valid while “Set” button is to be effective. Then the Restriction data can be changed (overwritten) by “Set” button.

4. Data Sheet

OUTGOING LOGICAL ROUTE NUMBER (OGLGRT) 1-899	ROUTE RESTRICTION CLASS (RSC) 0-15	FLAG OF 3 OR 6 DIGITS (FLAG) 3 Digits/6 Digits	DESTINATION (AREA/OFFICE) CODE (DC) MAX. 6 DIGITS	RESTRICTION DATA (RES) 0/1	REMARKS
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		
			_ _ _ _ _		

APCR: Assignment of Primary Call Restriction Data

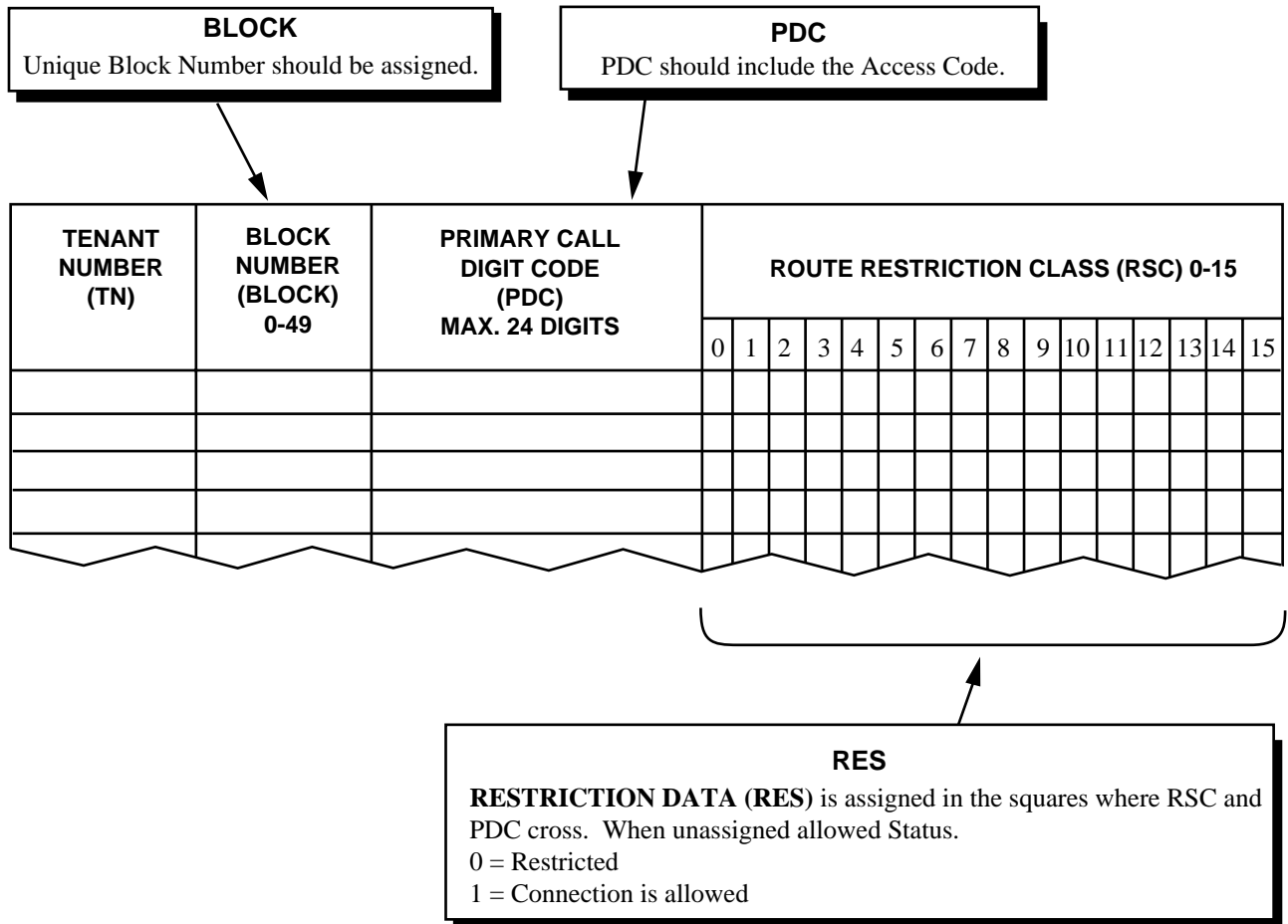
1. General

This command assigns the restricted area code for LCR outgoing call.

2. Precautions

1. The restriction check by this command is to be executed prior to the ARSC/ATDP/AARP commands.
2. The restricted area code assigned in the PDC parameter can be numbers (0 - 9, * and #), the mask code "X" which represents all kind of numbers (0 - 9, * and #), or "P" for a pause.
3. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX94, bit2=1), assign the TN parameter as data "1" for all tenants.

3. Data Entry Instructions



4. Data Sheet

Note: Restriction Data (RES) is assigned in the squares where BLOCK and RSC cross. When unassigned, Restriction Data is set as "0" (Restricted Status). Allowed Status Data is "1," and must be assigned to allow the PDC to be dialed.

TENANT NUMBER (TN)	BLOCK NUMBER (BLOCK) 0 - 49	PRIMARY CALL DIGIT CODE (PDC) MAXIMUM 24 DIGITS	ROUTE RESTRICTION CLASS (RSC) 0 - 15																					
			1	2	3	4	5	6	7	8	9	10	1	1	1	1	1							

AEFR: Assignment of EPN Facility Restriction Data

1. General

This command assigns the allowable connections among the RSC1 (Calling Party's Restriction Class) and RSC2 (Called Party's Restriction Class).

2. Precautions

1. Data can be entered on a Day/Night basis, if specified in ASYD command, SYS1, INDEX75, Bit 4=1.
2. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX94, bit1=1), assign the TN parameter as data "1" for all tenants.
3. The RSC1 (Calling Party's Restriction Class) and RSC2 (Called Party's Restriction Class) of each station is assigned by the RSC parameter of the ASDT command.
4. The RSC1 (Calling Party's Restriction Class) and RSC2 (Called Party's Restriction Class) of each trunk route (RT) is assigned by the trunk restriction class (TRSC) parameter of the ARTD command.
5. Before this command is assigned, connections for RSC1 (Calling Party's Restriction Class) and RSC2 (Called Party's Restriction Class) are not restricted.
6. Enter data "1 (Connection is allowed)" at the allowable connection of RES parameter. Once data has been assigned on this command, the rest of connections become "0 (Restricted)."
7. If you want to recover the RSC1 (Calling Party's Restriction Class) and RSC2 (Called Party's Restriction Class) connections, enter data "0 (Restricted)" for all connections.
8. The DNU = 3 (Urgent Mode) is used for LCR - Controlled Alternate PRSC service which works with the ASYD command SYS1, INDEX59, bit1=1. The RSC2 of this command is referred to as the Priority Restriction Class (PRSC) which is assigned by the AOPR command, or the TRSC parameter of the ARTD command, depending on the system mode. When the urgent mode is launched by either the FRL key of an Attendant Console or the CPRS command, the PRSC parameter of the AOPR command is carried out as the outgoing call restriction matrix assigned by the AEFR command. When the urgent mode has terminated (meaning that either the Day or Night mode has resumed), the outgoing call restriction is referred to by the TRSC parameter of the ARTD command.

3. Data Entry Instructions

FRI	
0	Station-to-station call without a station/ATT assistance
1	Station-to-station call with a station/ATT assistance
2	Station-to-trunk route access without a station/ATT assistance
3	Station-to-trunk route with a station/ATT assistance
4	Trunk incoming call to a station without a station/ATT assistance
5	Trunk incoming call to a station with a station/ATT assistance
6	Trunk incoming call to trunk outgoing call (Tandem connection without a station/ATT assistance)
7	Trunk incoming call to trunk outgoing call (Tandem connection with a station/ATT assistance)
8-31	Not used

DAY/NIGHT/URGENT MODE D/N/U	TENANT NUMBER (TN)	FACILITY RESTRICTION INDEX (FRI) 0-31	CALLED ROUTE RESTRICTION CLASS (RSC2) 0-15															
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CALLING ROUTE RESTRICTION CLASS (RSC1) 0-15	0																	
	1																	
	2																	
	3																	
	4																	

DNU	
D = Day Mode	N = Night Mode
U = Urgent Mode	

RES	
Restriction Data (RES) is assigned in the squares where RSC1 and RSC2 cross.	
0 = Restricted	1 = Connection is allowed
Note: Default data is all "1".	

AEFR : Assignment of EPN Facility Restriction Data

4. Data Sheet

DAY/NIGHT/ URGENT MODE D/N/U		TENANT NUMBER (TN)		FACILITY RESTRICTION INDEX (FRI) 0 - 31													
		CALLED ROUTE RESTRICTION CLASS (RSC2) 0 – 15															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Calling Route Restriction Class (RSC1) 0 - 15	0																
	1																
	2																
	3																
	4																
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
	13																
	14																
	15																

ASFC: Assignment of Service Feature Restriction Class

1. General

This command assigns the Service Feature Restriction Class (SFC) for the Service Feature Index (SFI).

2. Precautions

1. [Table 4-8](#) provides the service feature name that corresponds to the SFI. Since the service feature indicated “-” in the table may not always be “Not used” index, do not enter RES = 1 for “-” for the indicated SFI to prevent unexpected service feature effects.
2. Data can be entered on a Day/Night basis if specified in ASYD command, SYS1, INDEX75, Bit 1=1.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX93, bit0=1), assign the TN parameter as data “1” for all tenants.
4. The displayed Service Feature Class (SFC) corresponds to the one assigned by the ASDT command.
5. The restriction data (RES) is entered in the text box where RSC and RRI cross.

Table 4-8 SFI (Continued)

SFI	SERVICE FEATURE
14	System Message Detail Recording (SMDR) - Trunk Basis
15	-
16	Line Load Control
17-18	-
19	Individual Speed Calling (Speed Calling - Station/Group)
20	-
21	Off-Hook OG Queuing
22	-
23	Voice Mail Password Display Elimination
24	Emergency Call
25	Call Forward Outside - Local (0 = Restricted, 1 = Allowed)
26	Call Forward Outside - Long Distance (0 = Restricted, 1 = Allowed)
27	Account Codes/Authorization Codes/Forced Account Codes
28	-
29	Direct Call Pickup
30	Off-Hook Alarm
31	SID to Terminating user DTE
32	Line Circuit Reverse Relay Control (for 16LC)
33	Periodic Time Indication Tone
34-35	-
36	Special Common Battery Station / Brokerage Hot Line (D ^{term})
37	Radio Paging Answer
38	Meet-Me Paging
39	Individual Trunk Access
40	-
41	Timed Reminder (for Business System)/Automatic Wake Up (for Hotel System)
42	Group Announcement (for Hotel System)
43	Maid Dial (for Hotel System)
44	Last Number Call Redial
45	Special Admin. Station (for Hotel System)
46	Bad Call Notify (Faulty Trunk Report)
47	Guest Information Display Terminal (for Hotel System)
48	Disable Distinctive Ringing for analog ports (0/1:No/Yes)/Bearer service (0/1:Speech/3.1 kHz Audio)
49	-
50	Off-Premise Extension (Long Line Telephone - No Howler, No Pad Control)

Table 4-8 SFI (Continued)

SFI	SERVICE FEATURE
51	Boss-Secretary Features
52	Voice Call using an Access Code
53	Message Reminder using an Access Code
54	Priority Call 1
55	Priority Call 2
56	Priority Call 3
57	Priority Paging
58	Station-to-Station Station Message Detail Recording (SMDR) Call
59-61	-
62	Priority Outgoing Queue
63	Outgoing Queue Override
64-66	-
67	Call Park-Access and Answer
68	Call Park-Called
69	Automatic Message Waiting Lamp Off (for Hotel System)
70	Intercom Group
71	Distinctive Dial tone
72	Called Station Switch Hook Flash Restriction
73	-
74	Message Waiting Lamp Setting from the ATT or Station (Called)
75	Call Hold Conference
76	Trunk Override Inhibit
77	Trunk Override
78	Station Barge in From a Tie Line
79	Hold on Queuing From a Tie Line
80	8-Party Conference Terminal
81	Recording for an Internal Call
82	Message Waiting Lamp Setting from the Station (Calling)
83-86	-
87	Multi Channel Recording <REC>
88-89	-
90	Multi Channel Recording <REPLAY>
91	Subscriber with Priority / without Priority
92	-
93	Voice Call Restrict (0 = No/1 = Yes)

Table 4-8 SFI (Continued)

SFI	SERVICE FEATURE
94	Calling Party's Number Display Reject to ISDN Line
95	Direct IC Call Restriction (for ACD only)
96	-
97	Send facility Message Requesting SID Information
98	Send facility Message Requesting ANI Information
99	Call Forward I'm Here (Destination)
100	Call Forward I'm Here (Origination)
101-102	-
103	Assignment of No Answer Timer for Blind Transfer to Station/Blind Transfer to Attendant
104	Blind Transfer (Processing when the transfer destination station does not answer for a predetermined period of time in Blind Transfer to station service.)
105-106	-
107	Slumber Time Override
108	-
109	Advice of Charge Supplementary Service for ISDN
110-111	-
112	Voice Call during Dial Intercom
113	-
114	Display on D ^{term} when a station is in DND (0/1 = RST/DND)
115-121	-
122	Call Forward with ATT Camp-On
123-124	-
125	Pad Lock
126-127	-
128	Call Forwarding - Busy Line Override
129-130	-
131	Add on Conference - 8 Party
132-133	-
134	Internal Zone Page Calling
135	Internal Zone Page Called
136	Automatic Idle Return
137	Authorization Code Display Elimination
138	Consultation Hold Enhancement
139	-

Table 4-8 SFI (Continued)

SFI	SERVICE FEATURE
140	Send Warning Tone to interrupted parties when THREE-WAY CALLING is established using Consultation Hold Enhancement
141-144	-
145	Internal Zone Page Answer
146	Analog Caller ID-Station
147	-
148	Personal Ringer
149-150	-
151	When CF-OUT SIDE is performed, Route Restriction Class of the station which has set CF-OUT SIDE is used
152	-
153	Analog Caller ID-Station (Single Mode)
154	-
155	Call Return
156-164	-
165	Call Block
166-167	-
168	Analog Caller ID – Station by Modem Sender
169	-
170	Call Trace
171-173	-
174	Camp On by Station
175	Advice of Charge Supplementary Service in Q.SIG Network
176-180	-
181	Station Hunting by call kind
182-255	-

4. Data Sheet

DAY/NIGHT MODE D/N	TENANT NUMBER (TN)	SERVICE FEATURE INDEX (SFI) 1-255	SERVICE RESTRICTION CLASS															
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

ACFR: Assignment of Call Forwarding Restriction

1. General

This command assigns various kinds of trunk call forwarding restriction data on a tenant basis.

2. Precautions

The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8.

If data for this command is common for all tenants (ASYD command, SYS1, INDEX92, bit5=1), assign TN parameter as data “1” for all tenants.

3. Data Entry Instructions

TSFI

- 1 = Call Forwarding (-All Calls/-Don't Answer/-Busy Line/Unused Number/Dead Level)
- 2 = Direct in Termination (Night only)
- 3 = Direct in Termination (Day and Night)
- 4 = Direct Inward Dialing (DID)
- 5 = TAS 6 = Night ATT
- 7 = Remote Access to System
- 8-14 = Not used
- 15 = CAS Line connection (Satellite)

CCI

- 0 = Attendant Call
- 1 = LDN (C.O. Line)
- 2 = FX
- 3 = WATS
- 4 = Tie Line
- 5 = CCSA
- 6 = Recall
- 7 = Call Forwarding-Busy Line
- 8 = Call Forwarding-Don't Answer
- 9 = Not used
- 10 = Special common Battery
- 11 = Inter Position Transfer
- 12 = Priority call
- 13 = Off Hook Alarm
- 14 = CAS (Main)
- 15 = Not used

TENANT NUMBER (TN)	TRANSFER SERVICE FEATURE INDEX (TSFI) 1-15	CALL CATEGORY INDEX (CCI) 0-15															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1																
	2																
	3																
	4																
	5																

RES

RESTRICTION DATA (RES) is assigned in the squares where CCI and TSFI cross.

- 0 = Transfer service is restricted.
- 1 = Transfer service is allowed.

ACFR : Assignment of Call Forwarding Restriction

4. Data Sheet

TENANT NUMBER (TN)	TRANSFER SERVICE FEATURE INDEX (TSFI) 1 – 15	CALL CATEGORY INDEX (CCI) 0 – 15															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1																
	2																
	3																
	4																
	5																
	6																
	7																
	8																
	9																
	10																
	11																
	12																
	13																
	14																
	15																

ATNR: Assignment of Tenant Restriction Class Data

1. General

This command assigns the tenant restriction data for each objective situation.

2. Precautions

1. Data can be entered on a Day/Night basis, if specified in ASYD command, SYS1, INDEX75, bit 2=1.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8.

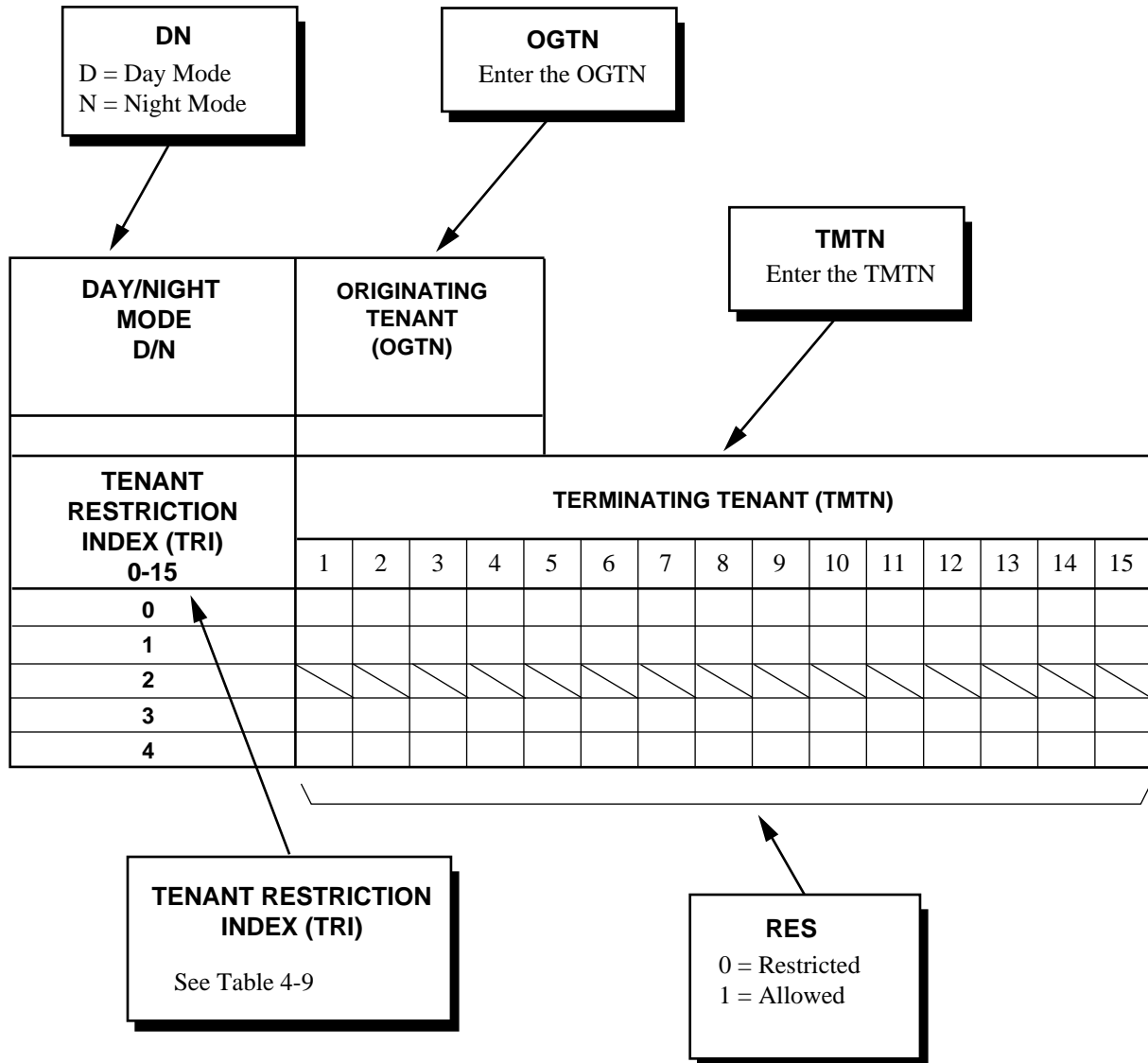
If data for this command is common for all tenants (ASYD command, SYS1, INDEX 94, bit0=1), assign TN parameter as data “1” for all tenants.

3. [Table 4-9](#) provides the Tenant Restriction Index (TRI) data. Since the OBJECTIVE SITUATION indicated as “-” may not always be the “Not used” index, do not enter RES=1 for “-” to prevent unexpected effects.

Table 4-9 TRI

TRI	OBJECTIVE SITUATION
0	Station within OGTN calls to a station within TMTN
1	Station within OGTN sets Call Forwarding-All Calls / Busy Line / Don't Answer to a station within TMTN
2	–
3	Attendant Console within OGTN sets Call Forwarding-All Calls for a station within TMTN (Call Forwarding - All Calls set/Cancel by ATT)
4	Station within OGTN call to an Attendant Console within TMTN by dialing individual ATT number assigned by the ASAT command
5	External Key within OGTN changes the Day/Night Mode of TMTN
6	–
7	Incoming call of the trunk within OGTN terminates to a station within TMTN (In the case of MFC signaling only)
8 - 15	–

3. Data Entry Instructions



4. Data Sheet

DAY/NIGHT MODE D/N	ORIGINATING TENANT (OGTN)		TERMINATING TENANT (TMTN)													
TENANT RESTRICTION INDEX (TRI) 0 - 15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
0																
1																
2																
3																
4																
5																
6																
7																
8-15																

AABD: Assignment of Speed Calling Restriction Data

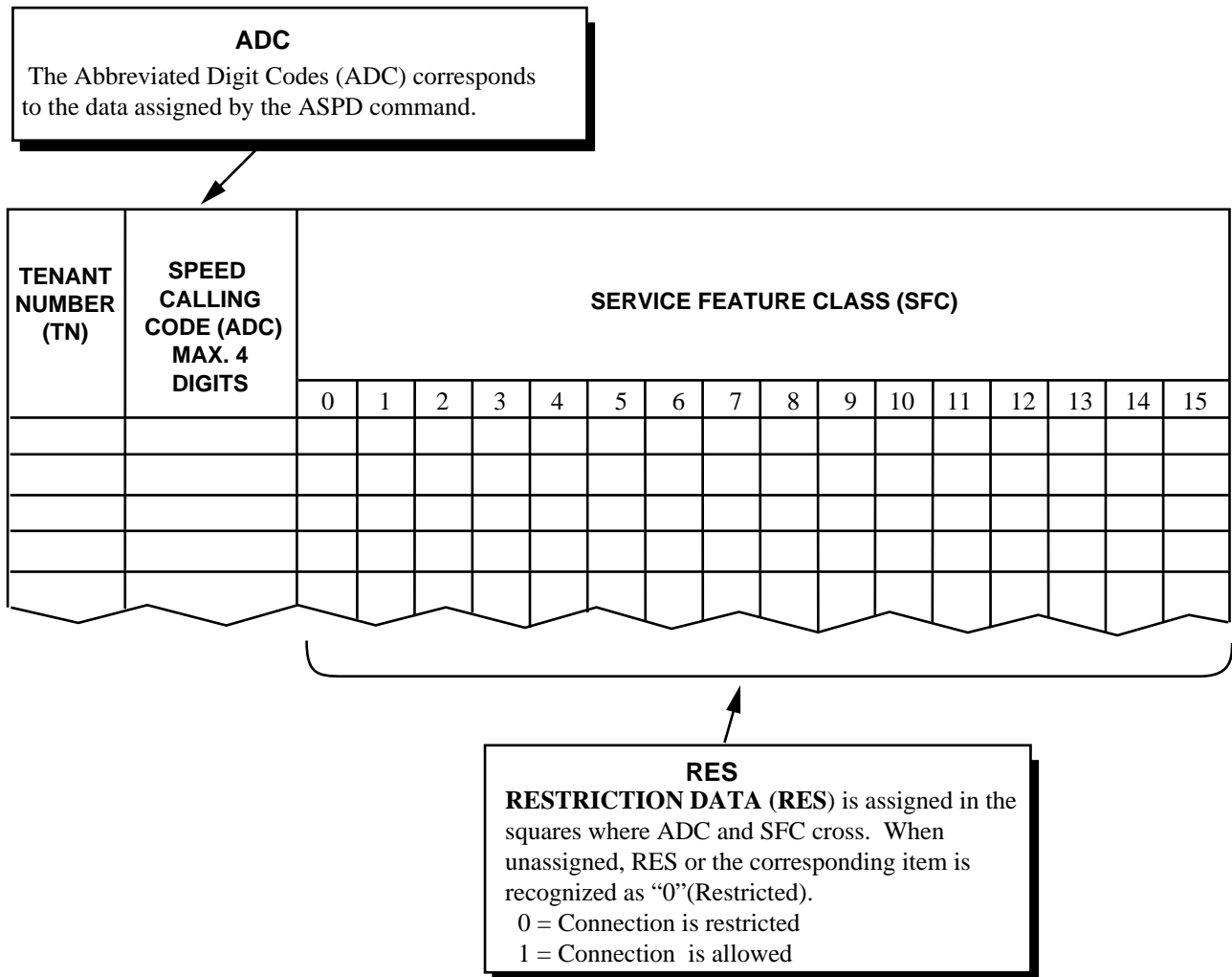
1. General

This command assigns the Speed Calling system Restriction Data. This data is added to the Service Feature Class of an individual station assigned to the Speed Calling system in order to restrict it from originating calls.

2. Precautions

1. The Abbreviated Digit Codes (ADC) should already be assigned by the ASPD command.
2. The Speed Calling Override Service must be assigned by the ASYD command, SYS2, Index1, b6=1.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8.

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	SPEED CALLING CODE (ADC) MAX. 4 DIGITS	SERVICE FEATURE CLASS (SFC)															
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Note: Restriction Data (RES) is assigned in the squares where SFC and ADC cross.

ASDT: Assignment of Station Data

1. General

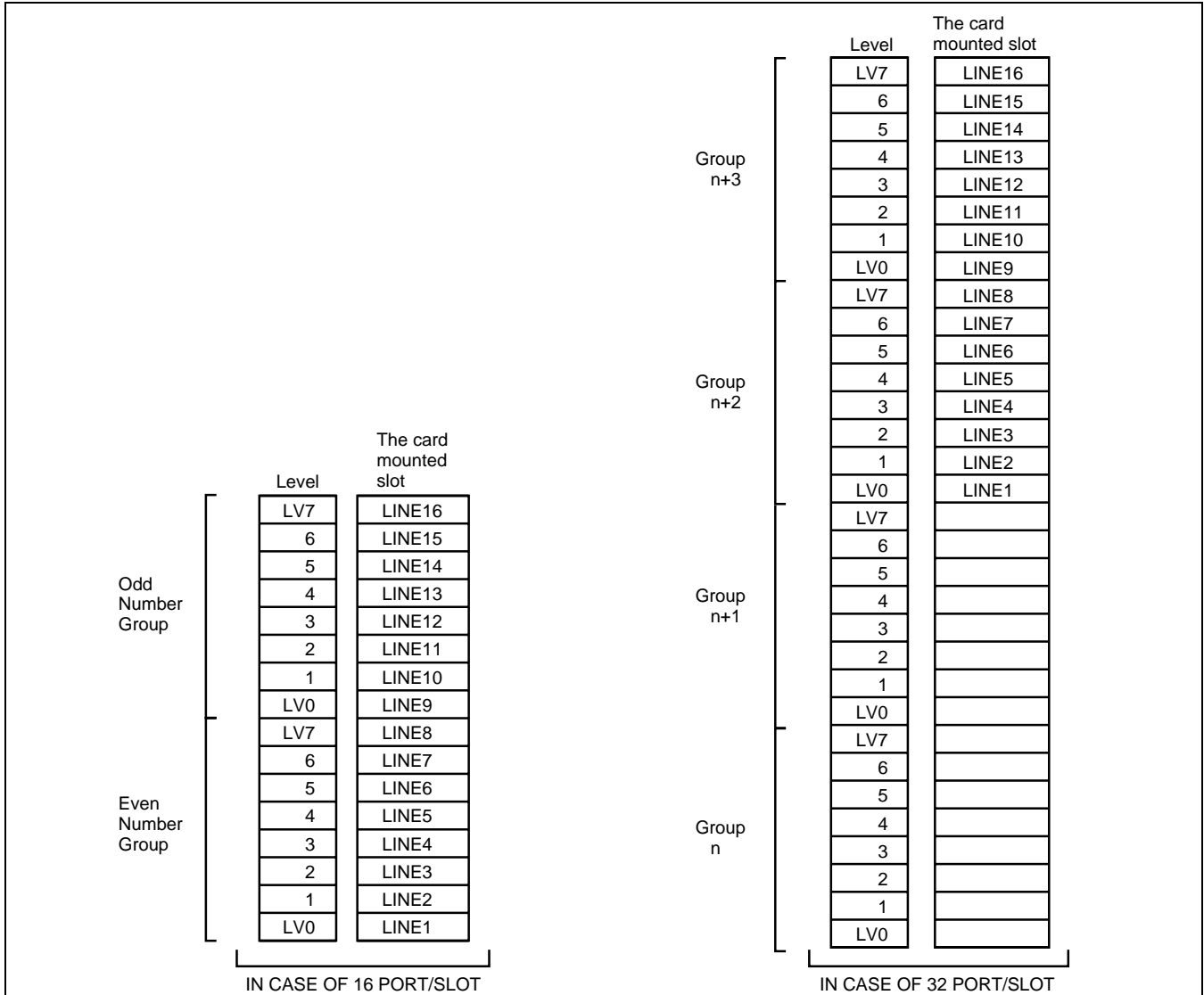
This command assigns/deletes the physical station data.

2. Precautions

1. This command is used for Business application. The AAST/AGST commands are used for Hotel application.
2. The ASTN command may be used to change the station number.
3. The ASCL command may be used to change the Class (TEC, RSC, and/or SFC) of the station.
4. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
5. The number of station number (STN) digits is designated by the ASYD command, SYS1, INDEX16.
6. The first digit of the station number (STN) is designated by the ANPD command.
7. The RSC and SFC parameter works in conjunction with the ARSC and ASFC commands respectively.
8. TEC 3 (DP/PB) is to be used in the installation test only. Give the proper TEC to each station before service-in.

Note: *If the PB (DTMF) station given TEC 3 tries to make a call to the PB (DTMF) route with the 2nd DT mode, the call will not be successful.*

9. An example of the LENS allocation is shown in [Figure 4-2](#).
10. LSDT (Listup of Station Data) command is used to print out the station data. At this time, ETN (Executive Tenant Number) data is also printed out.
While some commands share the common TN in office data, others develop separate TN table respectively. In case of adapting common TN for all the commands, the TN actually assigned by the ASDT command is to be executed.

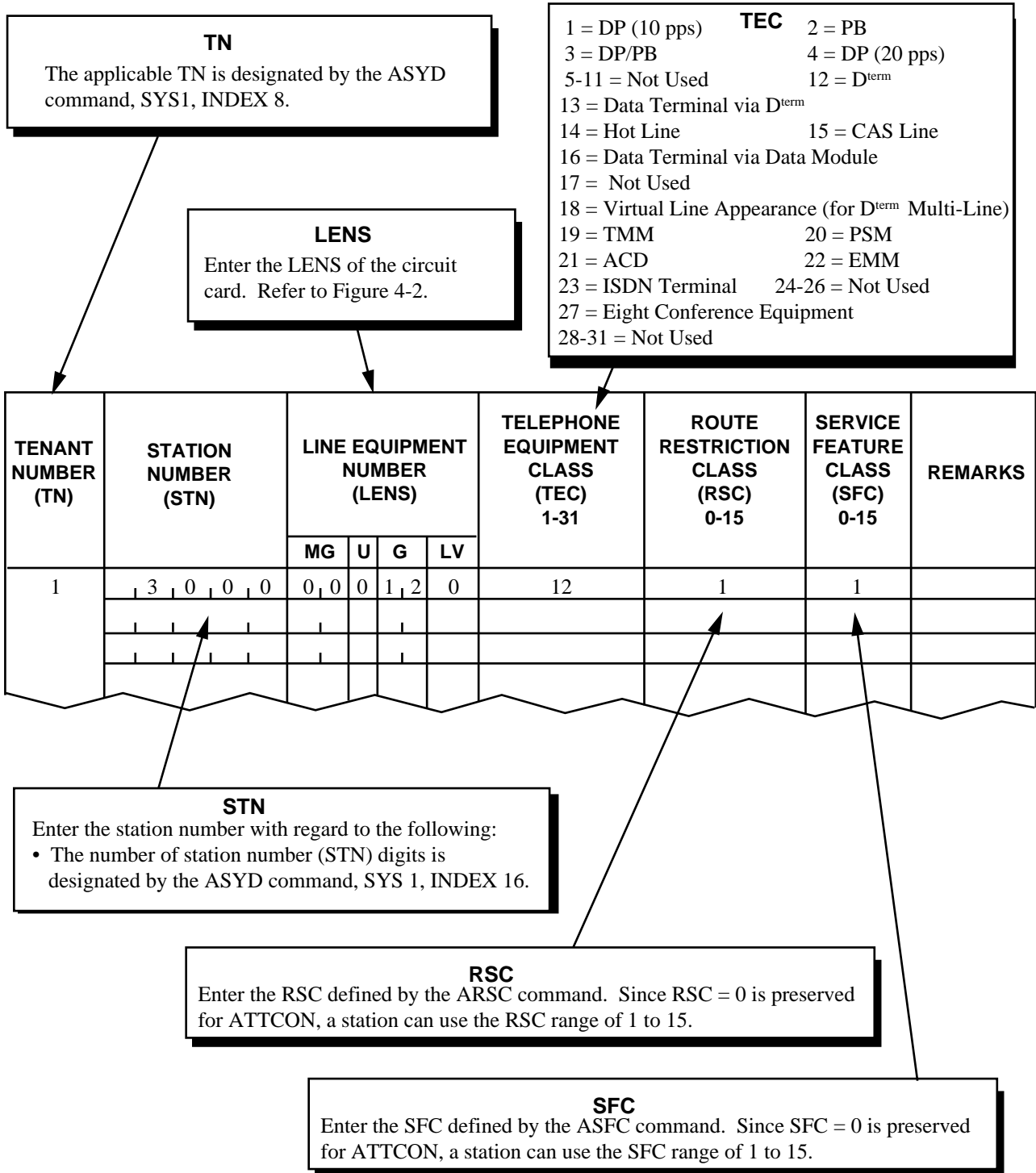


Note: When assigning D^{term} , TEC parameters should be as follows:

16ELC MODE		8DLC MODE	
LINE	TEC	LINE	TEC
1 - 16	12 (Voice)	1 - 4	12 (Voice)
		5 - 8	13 (Data)
		9 - 12	12 (Voice)
		13 - 16	13 (Data)

Figure 4-2 LENS

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	LINE EQUIPMENT NUMBER (LENS)				TELEPHONE EQUIPMENT CLASS (TEC) 1 – 31	ROUTE RESTRICTION CLASS (RSC) 0 – 15	SERVICE FEATURE CLASS (SFC) 0 – 15	REMARKS
		MG	U	G	LV				

ASTN: Assignment of Station Number

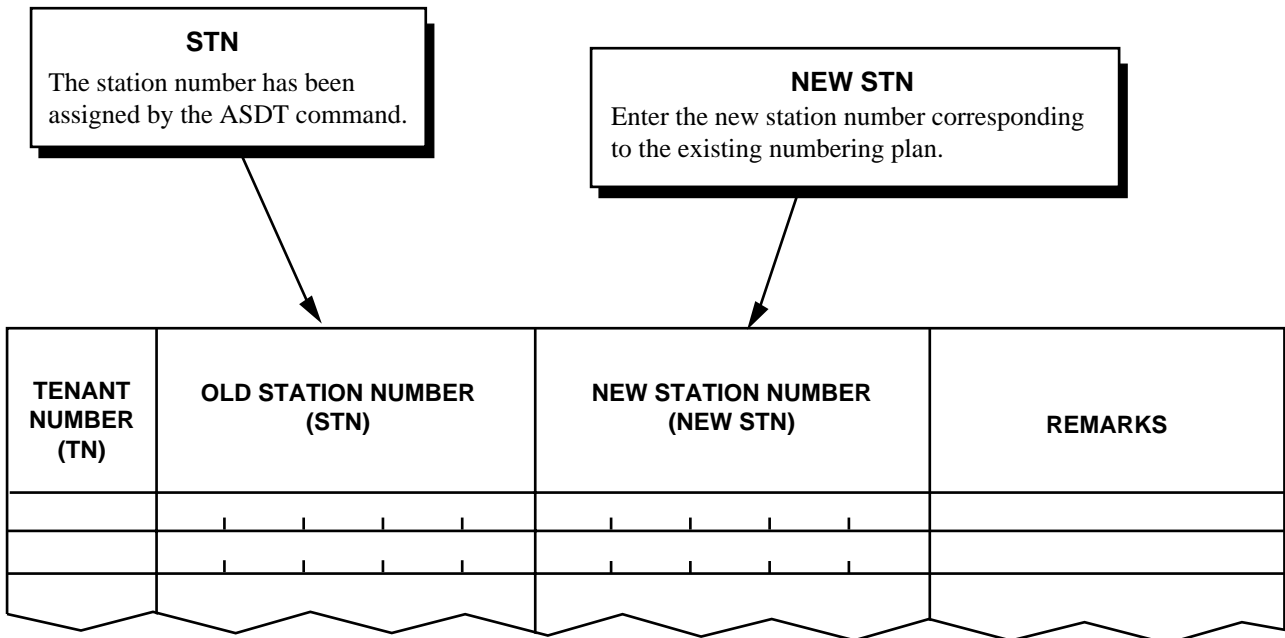
1. General

This command changes the physical station number assigned to a particular LEN.

2. Precautions

1. The primary digit, the number of digits, and the kind of service (SRV = 1) which is designated by the ANPD and ASPA command affect the new station number. The new station number must be assigned according to the numbering plan data.
2. The number of Station Number (STN) digits is designated by the ASYD command, SYS1, INDEX16.
3. This command can be used only when the number of the station to be changed is in idle status.
4. Update the station number changed in this command on the data sheet in the ASDT command.

3. Data Entry Instructions



ASCL: Assignment of Station Class Data

1. General

This command changes the Telephone Equipment Class (TEC), Route Restriction Class (RSC), and Service Feature Restriction Class (SFC), without changing the station number.

2. Precautions

1. The station class data (TEC, RSC and SFC) can be changed by the ASCL command, even if the station to be changed is in busy status. (Conversation is in progress.) When the station becomes idle, the new class becomes effective.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8.
3. The TEC cannot be changed from a D^{term} Class (TEC = 12) to any other Telephone Class, or vice versa. When it is necessary to change the current TEC to another type of TEC, use the ASDT command to delete the current station data and assign new station data.
4. The RSC corresponds to the ARSC command, and the SFC corresponds to the ASFC command as well.
5. Update the new class data on the data sheet in the ASDT command.

3. Data Entry Instructions

TEC					
1 = DP (10pps)	2 = PB	3 = DP/PB	4 = DP (20 pps)	5-11 = Not used	
12 = D ^{term}	13 = Data Terminal via D ^{term}		14 = Hot Line		
15 = CAS Line	16 = Data Terminal via Data Module				
17 = Not used	18 = Virtual Line Appearance			19-22 = Not used	
23 = ISDN Terminal	24-25 = Not used		26 = Not used		
27 = Eight Conference Equipment (Add-on Conferencing)	28-31 = Not used				

TENANT NUMBER (TN)	STATION NUMBER (STN)	TELEPHONE EQUIPMENT CLASS (TEC) 1-31	ROUTE RESTRICTION (RSC) 0-15	SERVICE FEATURE CLASS (SFC) 0-15	REMARKS
1	3 1 1 3	3	1	1	

RSC
Enter RSC referring to the ARSC command.

SFC
Enter SFC referring to the ASFC command

ASCL_T : Assignment of Station Class Data – Telephone Number

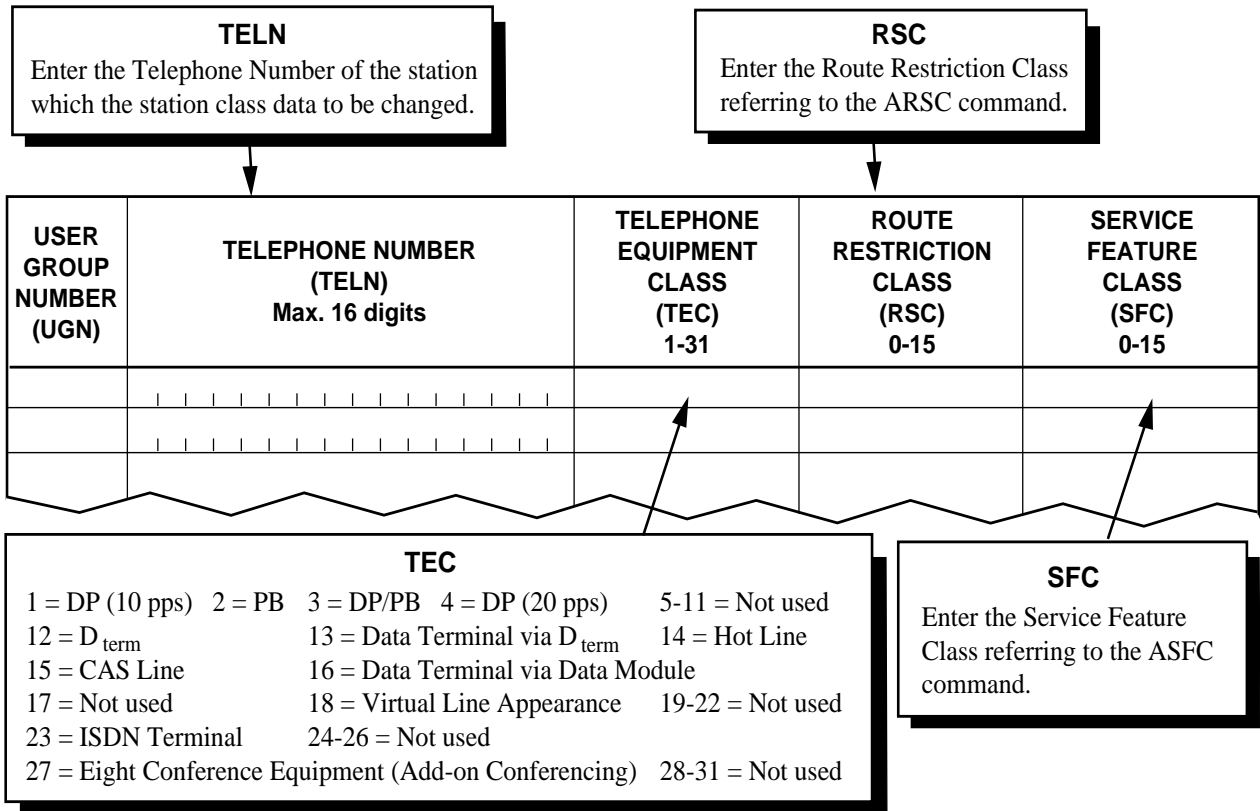
1. General

This command is used to change the Telephone Equipment Class (TEC), Route Restriction Class (RSC), and Service Feature Restriction Class (SFC), without changing the station number. The station data of ASCL command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. The station class data (TEC, RSC and SFC) can be changed by ASCL_N command, even if the station to be changed is in busy status (conversation is in progress). When the station becomes idle, the new class data becomes effective.
4. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
5. The TEC cannot be changed from a D^{term} Class (TEC=12) to any other Telephone Class, and vice versa. When it is necessary to change the current TEC to another type of TEC, use the ASDT command to delete the current station data and assign new station data.
6. The RSC corresponds to the ARSC command, and the SFC corresponds to the ASFC command as well.
7. Update the new class data on the data sheet in the ASDT command.
8. This command is an available software enhancement.

3. Data Entry Instruction



Note: The existing data can be readout by pressing “Get” button after UGN and TELN is entered.

4. Data Sheet

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	TELEPHONE EQUIPMENT CLASS (TEC) 1-31	ROUTE RESTRICTION CLASS (RSC) 0-15	SERVICE FEATURE CLASS (SFC) 0-15

APHN: Assignment of Phantom Station Number Data

1. General

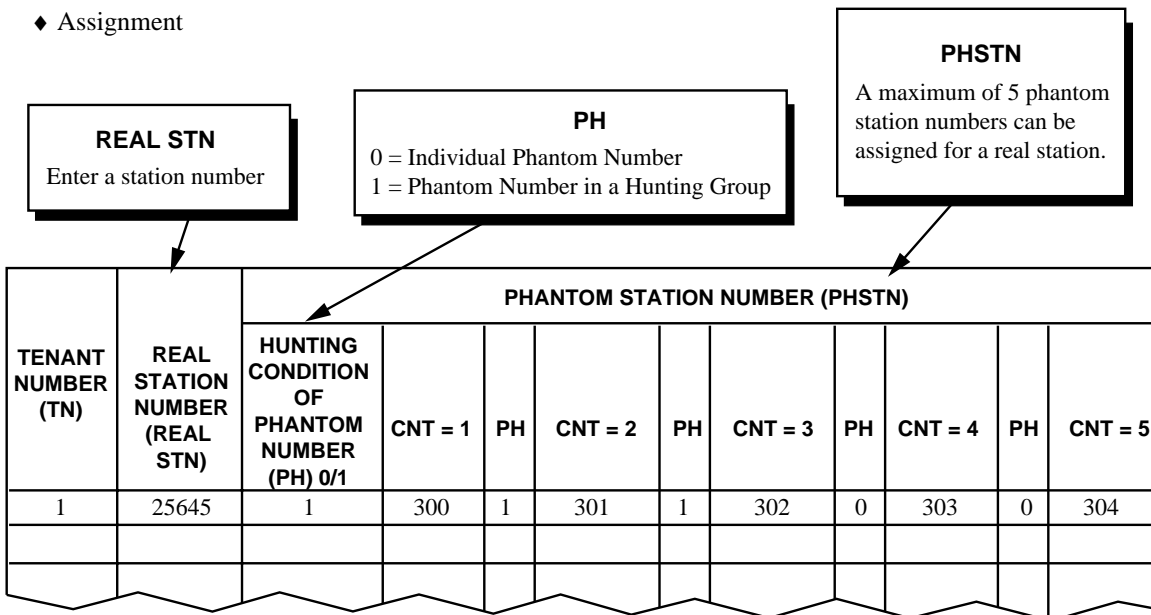
This command assigns a phantom number for a station.

2. Precautions

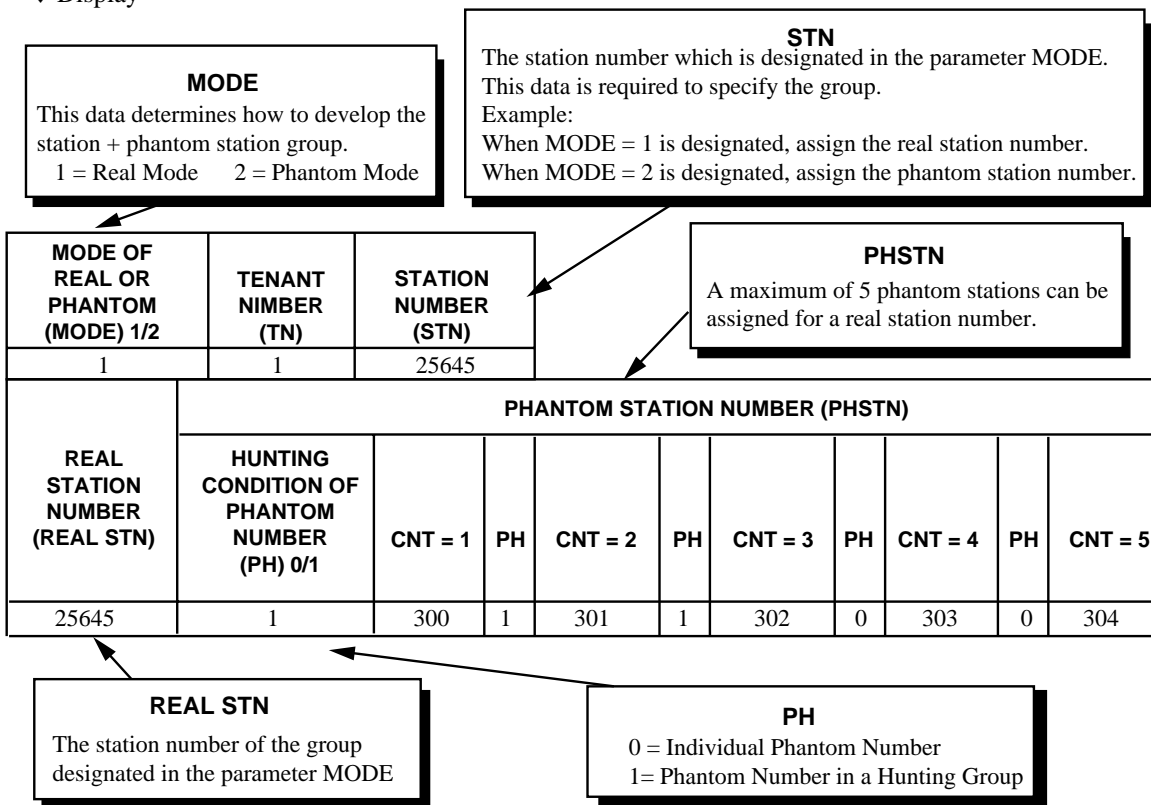
1. Numbers that are being used as station or LDN numbers cannot be used as phantom numbers.
2. When an incoming call is terminated to a phantom number, either no station hunting or station hunting depending on the data in the PH parameter is performed if the called station is a member station of a hunt group.
3. A maximum of five phantom numbers can be assigned to a station. (Including individual phantom number and phantom number in a hunting group.)
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8.
5. Data entry is not required in the parameters MODE and STN, since data that has already been assigned is displayed.

3. Data Entry Instructions

◆ Assignment



◆ Display



APHN : Assignment of Phantom Station Number Data

4. Data Sheet

TENANT NUMBER (TN)	REAL STATION NUMBER (REAL STN)	PHANTOM STATION NUMBER (PHSTN)									
		HUNTING CONDITION OF PHANTOM NUMBER (PH) 0/1	CNT=1	PH	CTN=2	PH	CNT=3	PH	CTN=4	PH	CTN=5

APHNL: Assignment of Phantom Station Number for LDM

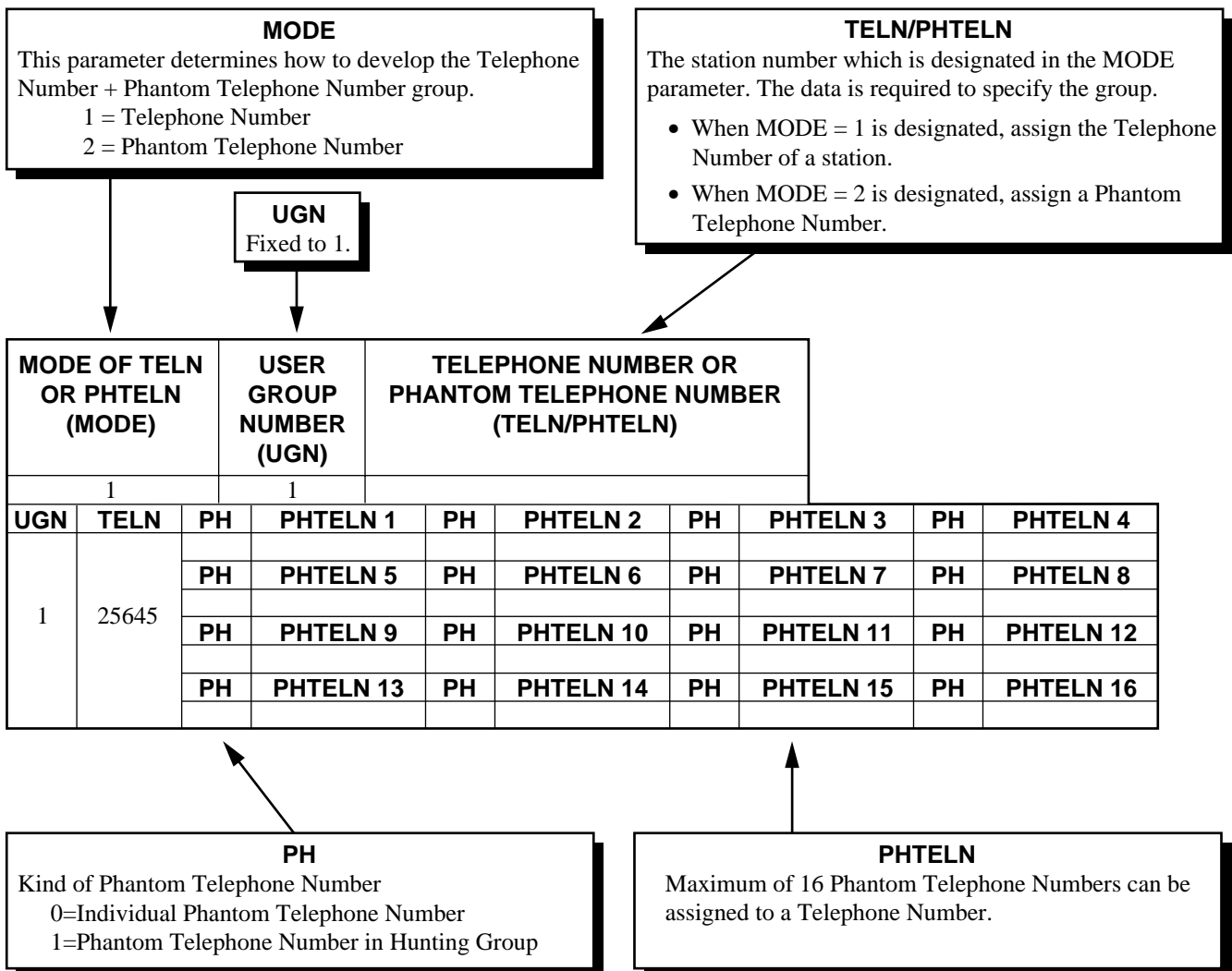
1. General

This command assigns Phantom Telephone Number (PHTELN) to Telephone Number of stations (TELN).

2. Precautions

1. The total number of Phantom Telephone Number (PHTELN) and Telephone Number for station (TELN) can not exceeds 60,000 in a system.
2. Maximum 16 Phantom Telephone Numbers can be assigned to a Telephone Number of a station.

3. Data Entry Instructions



4. Data Sheet

MODE OF TELN OR PHTELN (MODE)		USER GROUP NUMBER (UGN)		TELEPHONE NUMBER OR PHANTOM TELEPHONE NUMBER (TELN/PHTELN)						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								

APHNN: Assignment of Phantom Station Number for NDM

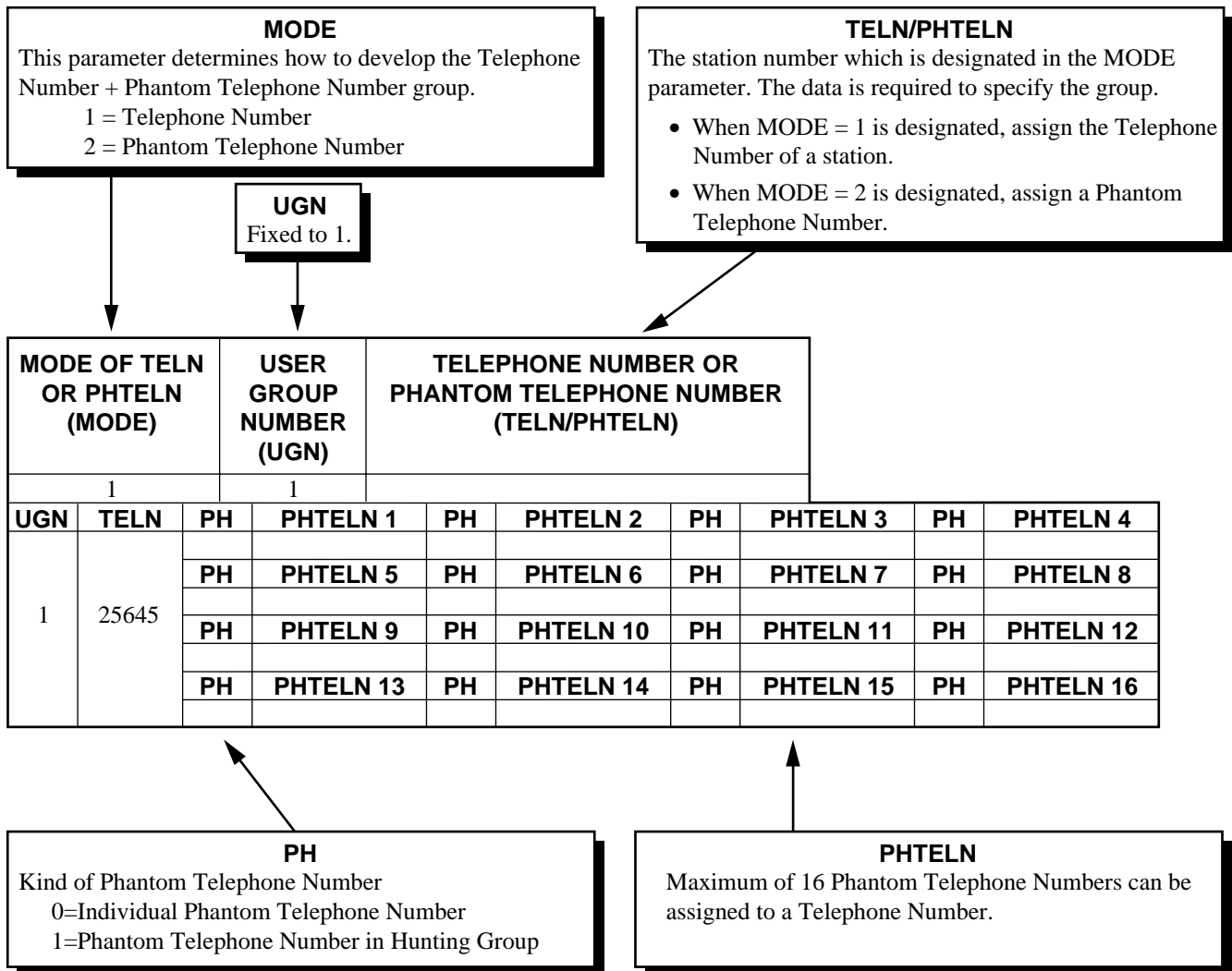
1. General

This command assigns Phantom Telephone Number (PHTELN) to Telephone Number of stations (TELN) in Fusion Network. This data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The total number of Phantom Telephone Number (PHTELN) and Telephone Number for station (TELN) cannot exceeds 60,000 in a system.
2. Maximum 16 Phantom Telephone Numbers can be assigned to a Telephone Number of a station.

3. Data Entry Instructions



4. Data Sheet

MODE OF TELN OR PHTELN (MODE)		USER GROUP NUMBER (UGN)		TELEPHONE NUMBER OR PHANTOM TELEPHONE NUMBER (TELN/PHTELN)						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								
UGN	TELN	PH	PHTELN 1	PH	PHTELN 2	PH	PHTELN 3	PH	PHTELN 4	
1										
		PH	PHTELN 5	PH	PHTELN 6	PH	PHTELN 7	PH	PHTELN 8	
		PH	PHTELN 9	PH	PHTELN 10	PH	PHTELN 11	PH	PHTELN 12	
		PH	PHTELN 13	PH	PHTELN 14	PH	PHTELN 15	PH	PHTELN 16	
MODE		UGN		TELN/PHTELN						
1		1								

ANDD: Assignment of Name Display Data

1. General

This command assigns user information (user’s name) onto a Station to program the Name Display - System service feature.

2. Precautions

1. The Name Display - System service feature allows a D^{term} with LCD to show the user information that corresponds to the calling station number while it is engaged in a station-to-station call.
2. The following must be set in the ASYD command SYS1, INDEX78, b5 = 1 (Name Display service).
3. The number of digits to be assigned to the parameter NAME is determined by ASYD command, SYS1, INDEX241, b1=0/1: 8 characters/16 characters. Multi-Line service is not available if “16 characters” is selected.
4. This command cannot be used for Name Display - OAI service.
5. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.

3. Data Entry Instructions

NAME Enter desired alphanumeric character.
--



TENANT NUMBER (TN)	STATION NUMBER (STN)	IDENTIFYING INFORMATION (NAME) 8 or 16 CHARACTERS	REMARKS

ANDD : Assignment of Name Display Data

4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	IDENTIFYING INFORMATION (NAME) 8 or 16 CHARACTERS	REMARKS

ANDD_T : Assignment of Name Display Data – Telephone Number

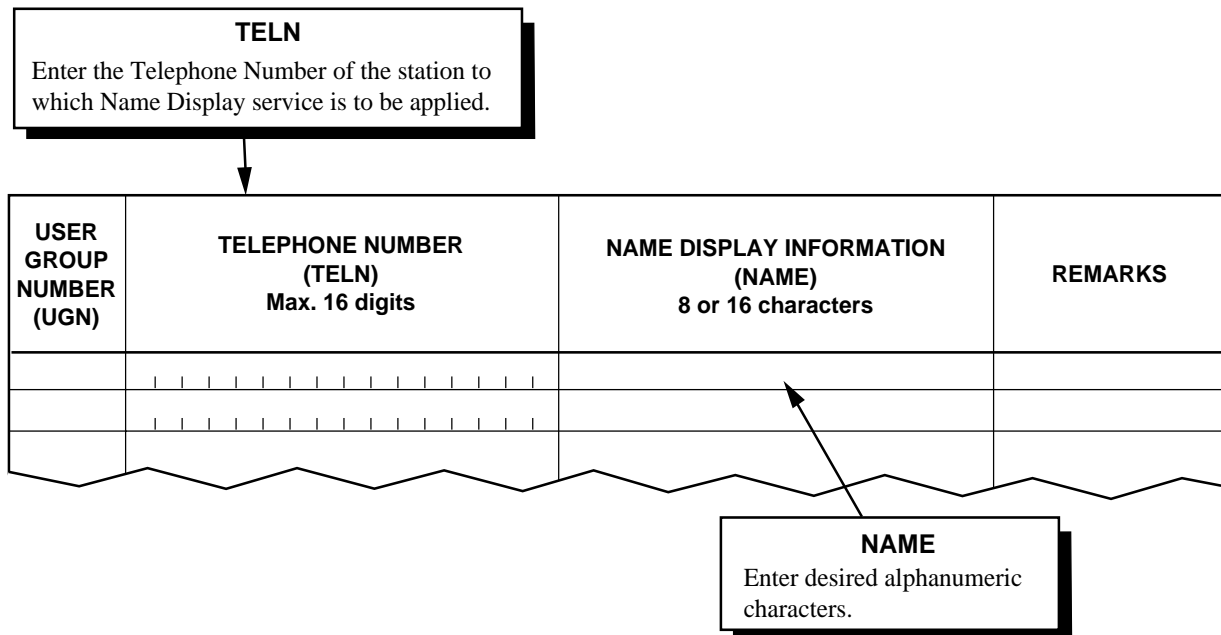
1. General

This command is used to assign user information (user’s name) onto a Station to program the Name Display - System service feature. The station data of ANDD command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. The Name Display - System service feature allows a D^{term} with LCD to show the user information that corresponds to the calling station number while it is engaged in a station-to-station call.
4. The ASYD command SYS1, INDEX78, b5=1 (Name Display service) must be set.
5. The number of digit to be assigned to the parameter NAME is determined by the ASYD command, SYS1, INDEX241, b1=0/1: 8 characters/16 characters. Multi-Line service is not available if “16 characters” is selected.
6. This command cannot be used for Name Display - OAI service.
7. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX 8.
8. This command is an available software enhancement.

3. Data Entry Instruction



Note: The existing data can be readout by pressing “Get” button after UGN and TELN data is entered.

ALGNL: Assignment of Telephone Number Data for LDM

1. General

This command assigns the individual attendant identification number (Telephone Number) available in the self (local) node only.

2. Precautions

1. This individual attendant identification number is available in the self (local) node only. If the individual attendant identification number for the Fusion network is required, use the ALGNN command.
2. The system data assignment (ASYDL, SYS1, INDEX513 Data 01hex) is needed to provide the Local Data Memory (LDM).
3. Before assigning this command, the ANPDL/ASPAL commands are required for the numbering plan of Telephone Number.
4. A unique Telephone Number (TELN) should be given within a User Group Number (UGN).

3. Data Entry Instructions

UGN
1 = User Group Number 1 (Fixed)

TELN
Assign Telephone Number (Unique TELN should be given within a UGN)

USER GROUP NUMBER (UGN)	TELEPHONE STATION NUMBER (TELN) MAX. 16 DIGITS	REMARKS
1	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	
1	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	
1	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	
1	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	
1	|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|_|	

ALGSL: Allocation of Telephone Station Data for LDM

1. General

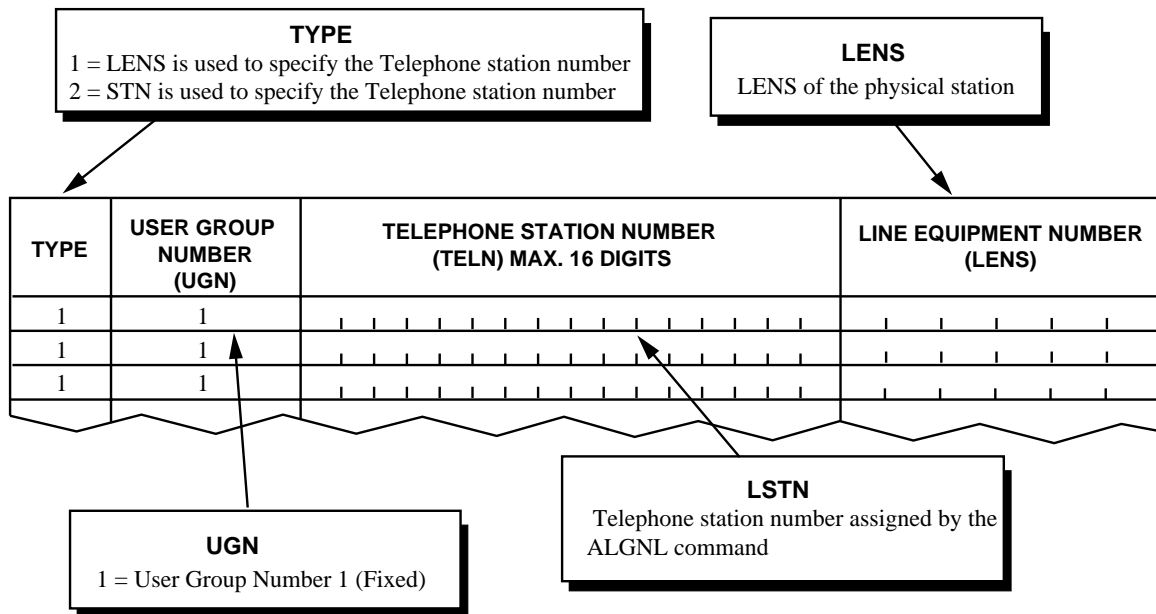
This command assigns the data pertaining to the relationship between Telephone Station Number (TELN) and the physical station.

2. Precautions

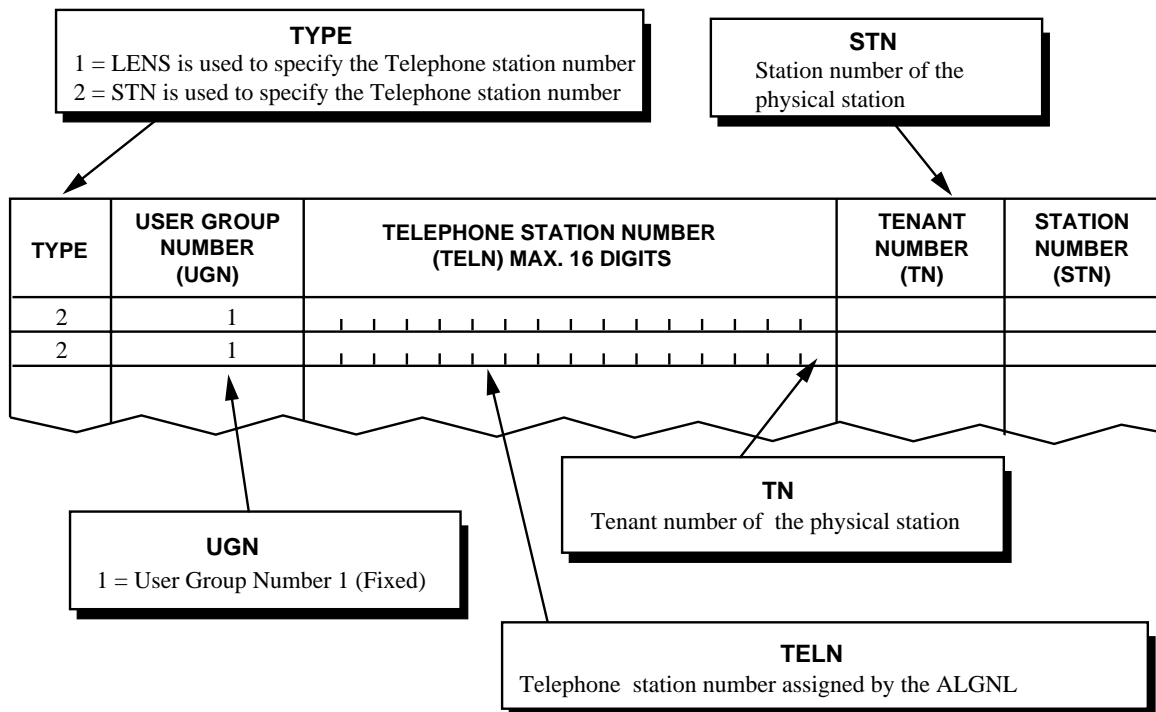
1. This Telephone Number can be used in the self (local) node only. Use the ALGSN command if the Telephone Number for the Fusion network is required.
2. The TYPE parameter designates the programming method of the physical station. (The result is the same whichever method is selected.) When TYPE = 1 (LENS) is selected, the physical station which accommodates the Telephone Station Number (TELN) is specified by the LENS. When TYPE = 2 (STN) is selected, the physical station number (STN) is used.
3. The system data assignment (ASYDL, SYS1, INDEX513 Data 01 Hex) is needed to provide the Local Data Memory (LDM).
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data in this command is common for all tenants (ASYDL command, SYS 1, INDEX 800, bit0 = 1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

- ◆ TYPE = 1 (LENS is used to specify the Telephone station number.)



- ◆ TYPE = 2 (STN is used to specify the Telephone station number.)



ALGSL : Allocation of Telephone Station Data for LDM

(b) TYPE = 2 (STN is used to specify the physical station number.)

TYPE	USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN)	TENANT NUMBER (TN)	STATION NUMBER (STN)	REMARKS
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
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2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				
2	1				

AKYD: Assignment of Key Data for D^{term}

1. General

This command assigns the following key data corresponding to each line/feature button on a D^{term}.

- Line Key Data
- Function Key Data
- Intercom Key Data
- DSS Key Data

2. Precautions

1. The D^{term} Series III (16-button type) and D^{term} Series E have the default key data. (Refer to Precautions 6.) If the default data is to be used, assignment in AKYD is not necessary. [Table 4-10](#) shows the specification pertaining to data assignment for the D^{term}.

Table 4-10 Data Assignment for the D^{term}

TYPE OF D ^{term}		LINE/FEATURE BUTTON	NUMBER OF BUTTONS
Series III	8-button type	KYN = 1-8	8
	16-button type	KYN = 1-16	16
	24-button type	KYN = 1-24	24
Series E	8-button type	KYN = 1-8	8
	16-button type	KYN = 1-16	16
	32-button type	See Figure 4-7	32

2. Before assigning the key data for a D^{term} using this command, be sure to assign the station data of the D^{term} using the ASDT command (TN, STN, TEC = 12 (D^{term})). The station number assigned by the ASDT command is referred to as “MY LINE”.

Note: This “MY LINE” corresponds to the physical port associated with the LENS of a ELC card.

3. By assigning another station line to a feature button using this command, an incoming call terminated to a station line other than My Line can be answered or can be transferred to elsewhere as in the case of the My Line. A station line other than My Line is referred to as a “Sub Line.” A “Sub Line” can be assigned not only to a D^{term} but to any conventional telephone. In addition, the station data for My Line and Sub Line must be assigned by the ASDT command before the key data is assigned. When the Sub Line and the My Line belong to different tenants, use the ATNR command and clear the “Tenant-to-Tenant Restriction.”
4. A Multi-Line key (the key for My Line and Sub Line) on the D^{term} can be assigned as Prime Line. If the Prime Line is not assigned, the My Line serves as the Prime Line. When the user goes off-hook, the Prime Line is automatically selected on the D^{term}.

AKYD : Assignment of Key Data for Dterm

- A virtual line can be assigned as a Sub Line of the D^{term}. The virtual line can be used the same way as the My Line for outgoing calls and other service operations.

Note: *Virtual Line* --- A virtual LENS exists only in memory, but does not exist physically. Data can be assigned but no hardware is required:

Example: LENS = 000311. The virtual LENS is assigned by the ASDT command in the same way as an ordinary line. (The telephone class is **TEC = 18: Virtual Line**)

- If the station user accepts the default settings, the data assignment of this command is not required. The default data for each line/feature button is shown in [Table 4-11](#).

Table 4-11 Default Data for Each Line/Feature Button

KEY NO.	DEFAULT DATA	KEY NO.	DEFAULT DATA
1	CALL PICKUP	9	PRIME LINE
2	CALL FORWARDING - BUSY LINE	10	SPEED CALLING ONE-TOUCH
3	CALL FORWARDING - ALL CALLS CALL FORWARDING - DON'T ANSWER	11	SPEED CALLING ONE-TOUCH
4	EXECUTIVE RIGHT OF WAY	12	SPEED CALLING ONE-TOUCH
5	VOICE CALL	13	SPEED CALLING ONE-TOUCH
6	MESSAGE REMINDER	14	SPEED CALLING ONE-TOUCH
7	SAVE AND REPEAT	15	SPEED CALLING ONE-TOUCH
8	LAST NUMBER CALL	16	SPEED CALLING - SYSTEM

- The ability to assign Sub Line appearances across module groups is available when ASYD command SYS1, INDEX321, bit0 = 1 is assigned. Stations can appear on D^{term} which accommodated the different module group within the same IMG.

- When assigning the line/feature buttons as function keys, take the following precautions:

(a) My Line key must be programmed.

(b) Not used line/feature buttons should be assigned as KYI = 0 (Not used)

(c) The following function keys are basically fixed:

FKY = 13: CONF (Three - Way Calling)

FKY = 18: TRANSFER (Call Transfer - All Calls)

FKY = 20: HOLD (Non - Exclusive Hold/Exclusive Hold)

FKY = 28: ANSWER

FKY = 51: MIC

FKY = 52: SPEAKER

FKY = 57: RECALL

9. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
10. There is no default key data provided for D^{term} (8-button type). The key data for all the line/feature buttons must be programmed. When assigning the key data of the line/feature button, take the following precautions:
 - (a) My Line Key must be assigned in KYN = 1-8, and KYN = 9-16 should be assigned KYI = 0 (Not used).
 - (b) The following function keys are basically fixed:
 - FKY = 13:CONF (Three-Way Calling)
 - FKY = 18:TRANSFER (Call Transfer-All Calls)
 - FKY = 20:HOLD (Non-Exclusive Hold/Exclusive Hold)
 - FKY = 28:ANSWER
 - FKY = 51:MIC
 - FKY = 52:SPEAKER
 - FKY = 57:RECALL
 - (c) Not used line/feature buttons should be assigned KYI = 0 (Not used).
11. There is no default key data provided for D^{term} (24-button type/32-button type). The key data for all of the line/feature buttons must be programmed. When assigning the key data of the line/feature button, take the following precautions:
 - (a) My Line Key must be assigned in KYN = 1-24, and KYN = 25-40 should be assigned KYI = 0 (Not used).

My Line in KYN = 17-24 cannot be assigned without assigning any Line Key or any Function Key in KYN = 1-16.
 - (b) The following function keys are basically fixed.
 - FKY = 13:CONF (Three-Way Calling)
 - FKY = 18:TRANSFER (Call Transfer-All Calls)
 - FKY = 20:HOLD (Non-Exclusive Hold/Exclusive Hold)
 - FKY = 28:ANSWER
 - FKY = 51:MIC
 - FKY = 52:SPEAKER
 - FKY = 57:RECALL
 - (c) Not used line/feature buttons should be assigned KYI = 0 (Not used).

AKYD : Assignment of Key Data for Dterm

12. When using 16 ELCJ (SR 3295, PROG-B or later), the FKY = 49: Speed Calling-One Touch can be assigned to a maximum of 16 Key Numbers (KYNS).

Note 1: *Speed Calling-One Touch data can be saved by the BOSD command.*

Note 2: *Assign the data to the Key Numbers (KYN) in the consecutive order.*

13. For Call Forwarding-Busy Line and Call Forwarding-Don't Answer, refer to ASYD SYS1 Index5 (separate/common access for C.F.-Busy Line and C.F.-Don't Answer). If common access codes are assigned, only one key is required to activate the features. If separate access codes are assigned, separate function keys must be assigned.
14. <D^{term} Series III> The FKY = 55: One-Touch changeover (PAGE) should be assigned when registering destination numbers greater than 20 as one-touch speed calling codes.
<D^{term} Series E> The FKY = 55: One-Touch changeover (PAGE) should be assigned when registering destination numbers greater than 16 as one-touch speed calling codes.

Note: *Each one-touch button is assigned a 2-page memory (Page 0 and Page 1). One destination number can be assigned on a page basis. When originating an outgoing call, the page of one-touch button can be designated by this function key.*

15. In conjunction with intercom service, take the following precautions:
 - (a) Before assigning the Intercom Key Data using this command, assign the Intercom Group Data using the command AICD/ADIM.
 - (b) When providing the Intercom service, assign "The response priority when the SPEAKER button is pressed or the station goes off-hook" in the parameter PRI. When not providing the Intercom service, assign PRI = 0.
16. When this command is used, the ELC card must be reinitialized (MB switch UP-DOWN).
17. A maximum of 8 soft keys can be assigned via the function key (FKY=122).

Note: *6 soft keys available at the maximum when page scroll key soft key is displayed on the LCD.*

18. Soft key data to be assigned via the function key (FKY=122) is not available for having the different function per each condition on the D^{term}.
19. The same function data can not be assigned to both function key and soft key.
20. Expanded Multiple Line Operation - D^{term} [E-26] service is available only when "KD = 0 (Line)" is entered. This service is not available when "KD = 1 (Intercom)" or "KD = 2 (DSS Key)" is assigned.

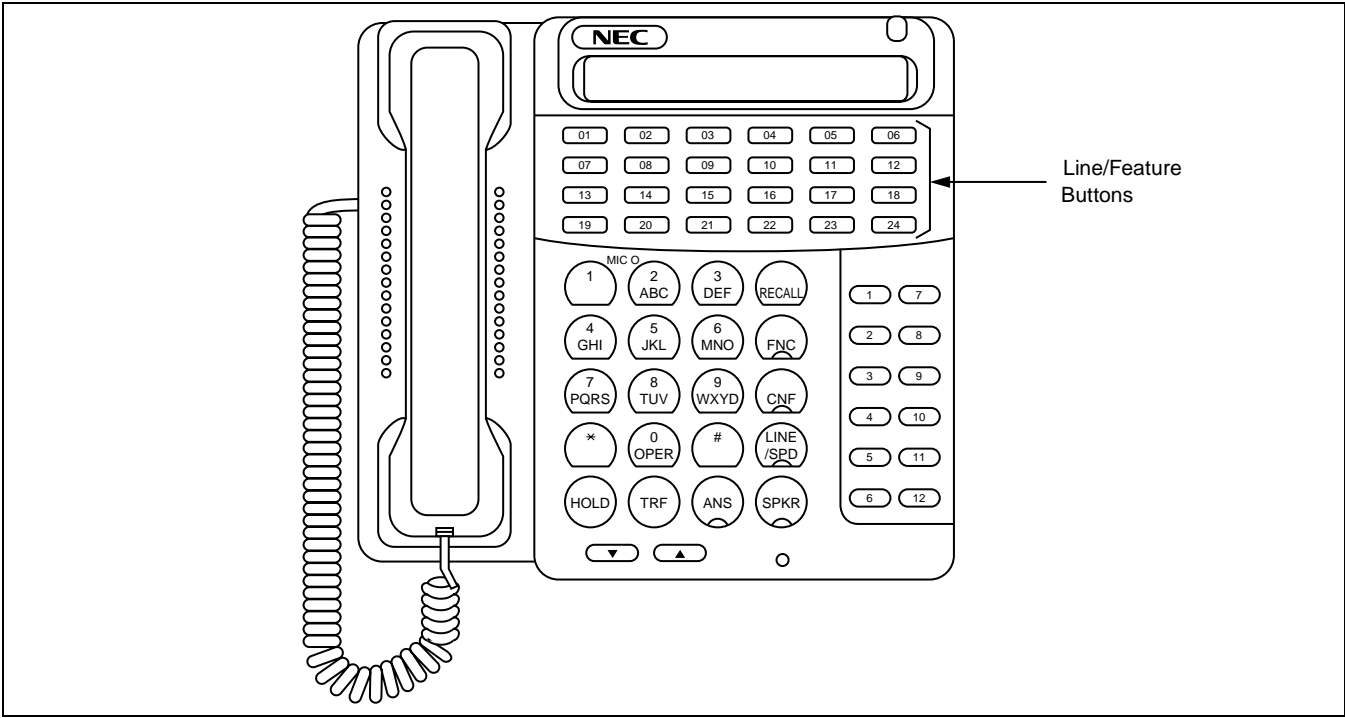


Figure 4-3 D^{term} Series III (24-Button Type)

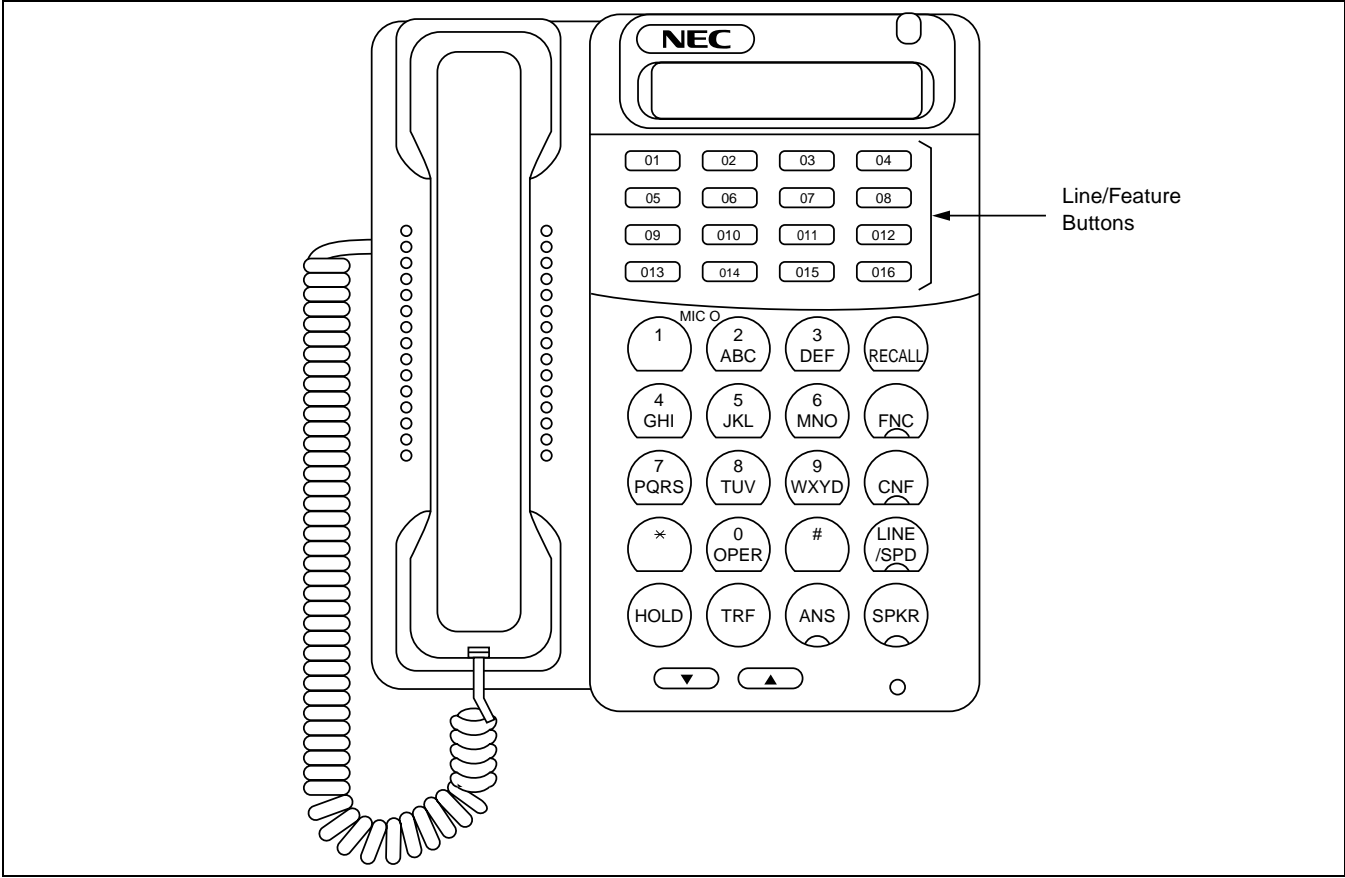


Figure 4-4 D^{term} Series III (16-Button Type)

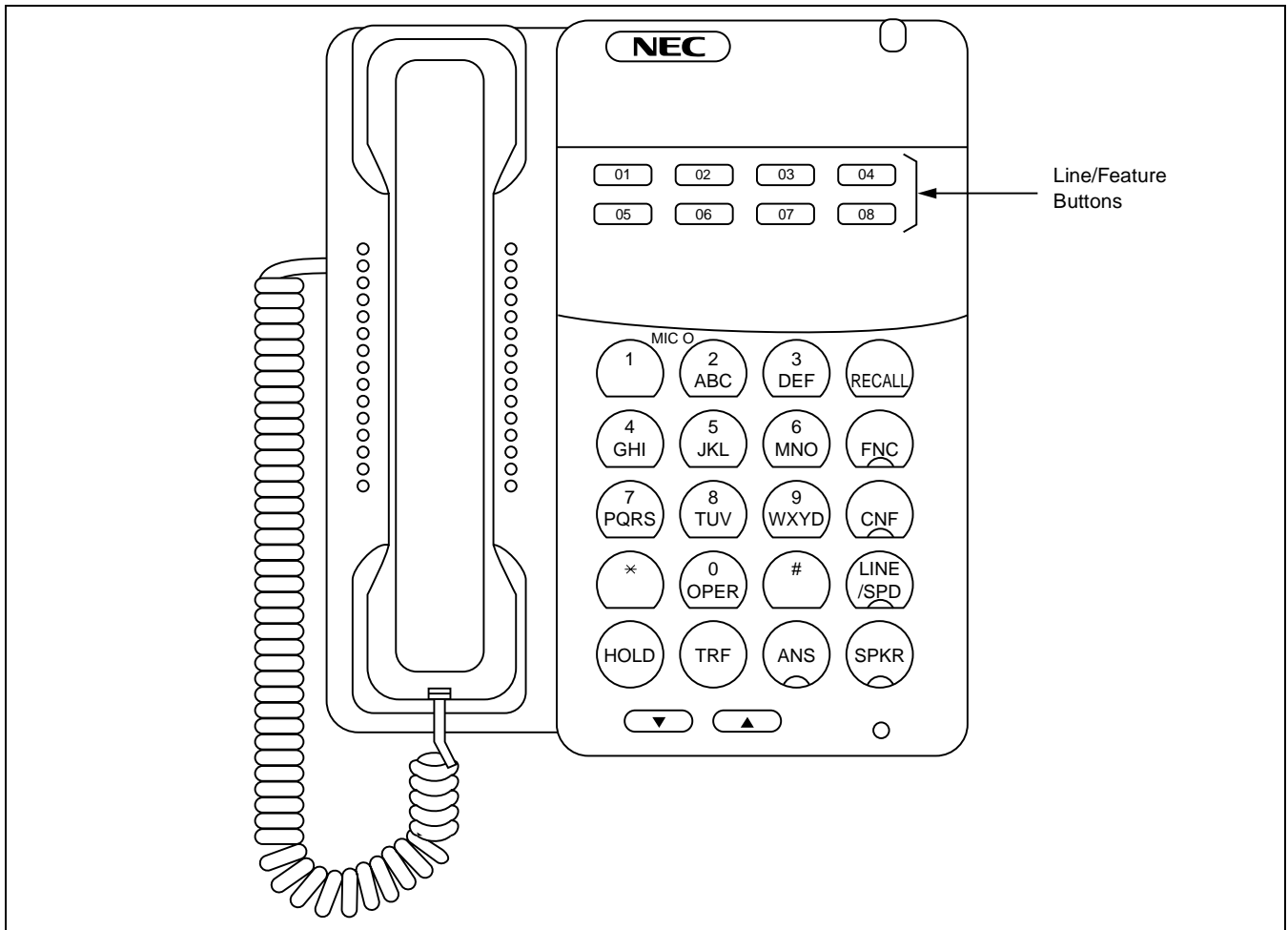


Figure 4-5 D^{term} Series III (8-Button Type)

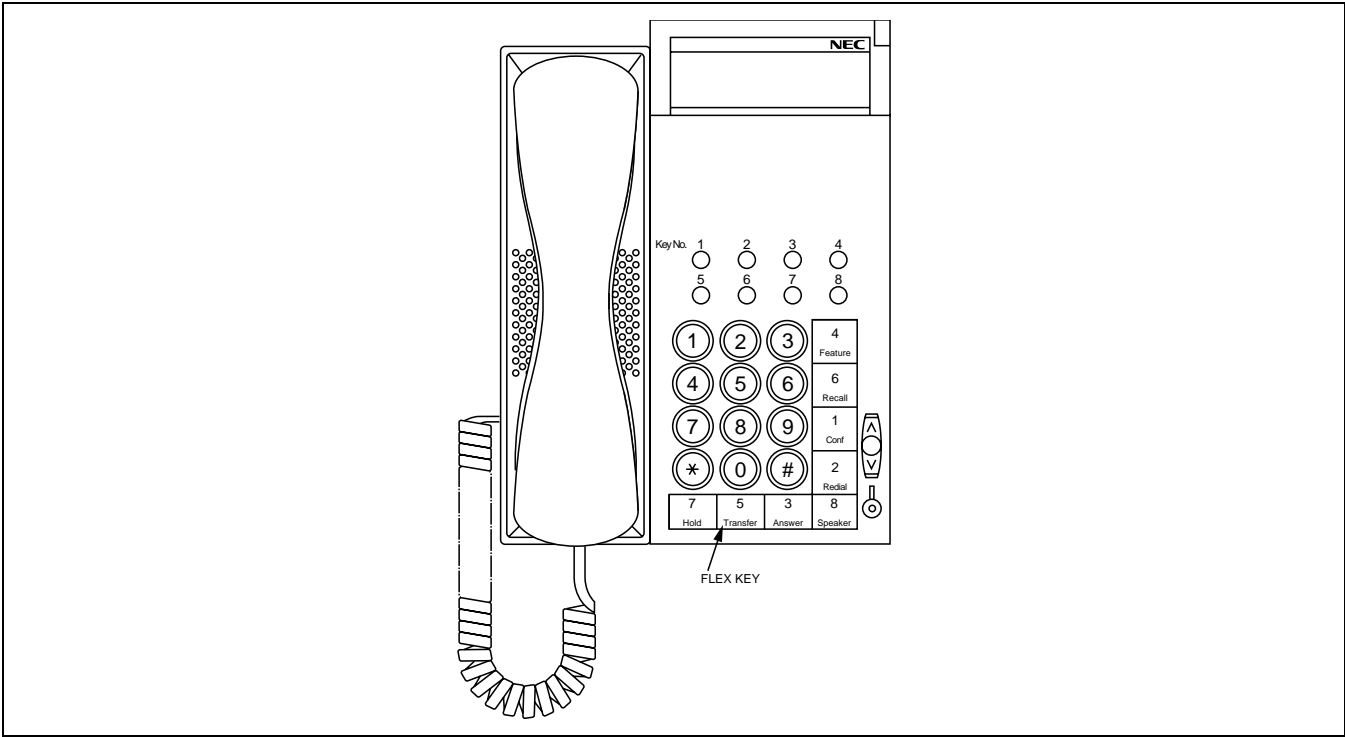


Figure 4-6 D^{term} Series E (8-Button Type without LCD)

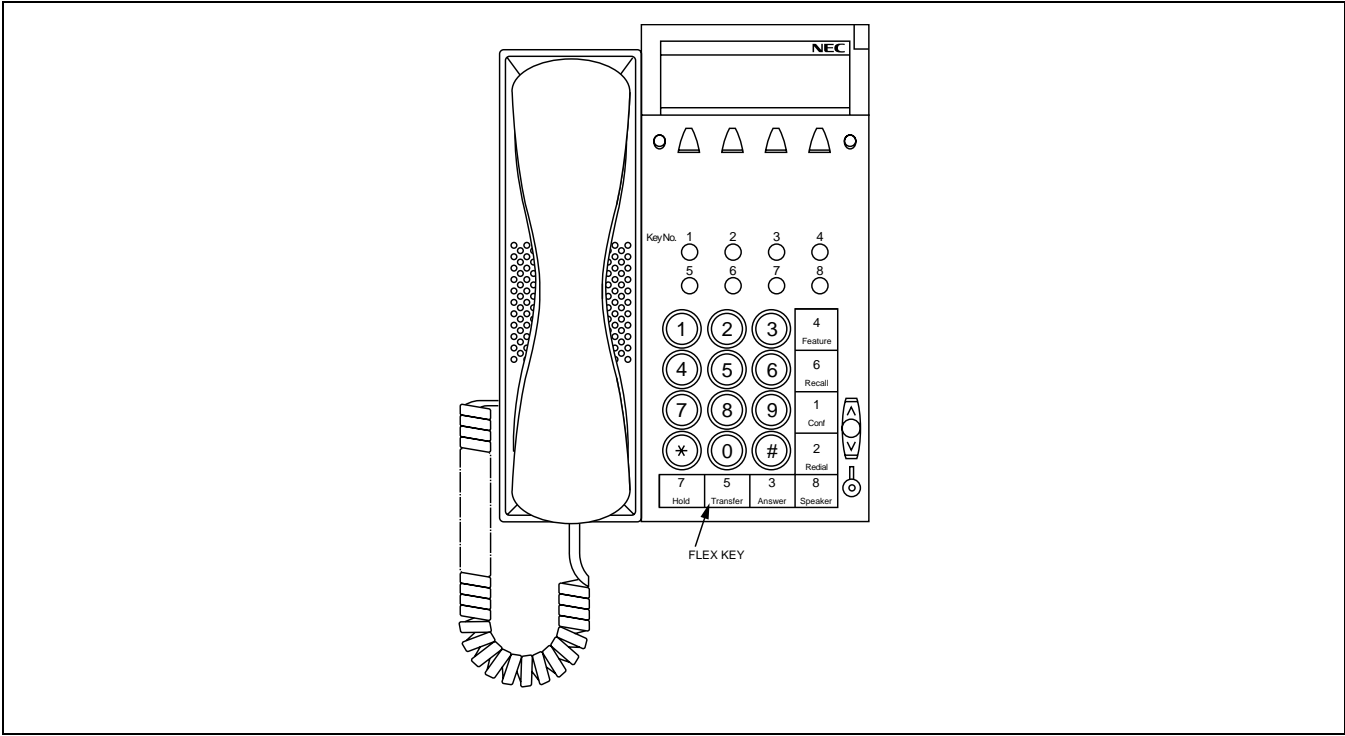


Figure 4-7 D^{term} Series E (8-Button Type with LCD)

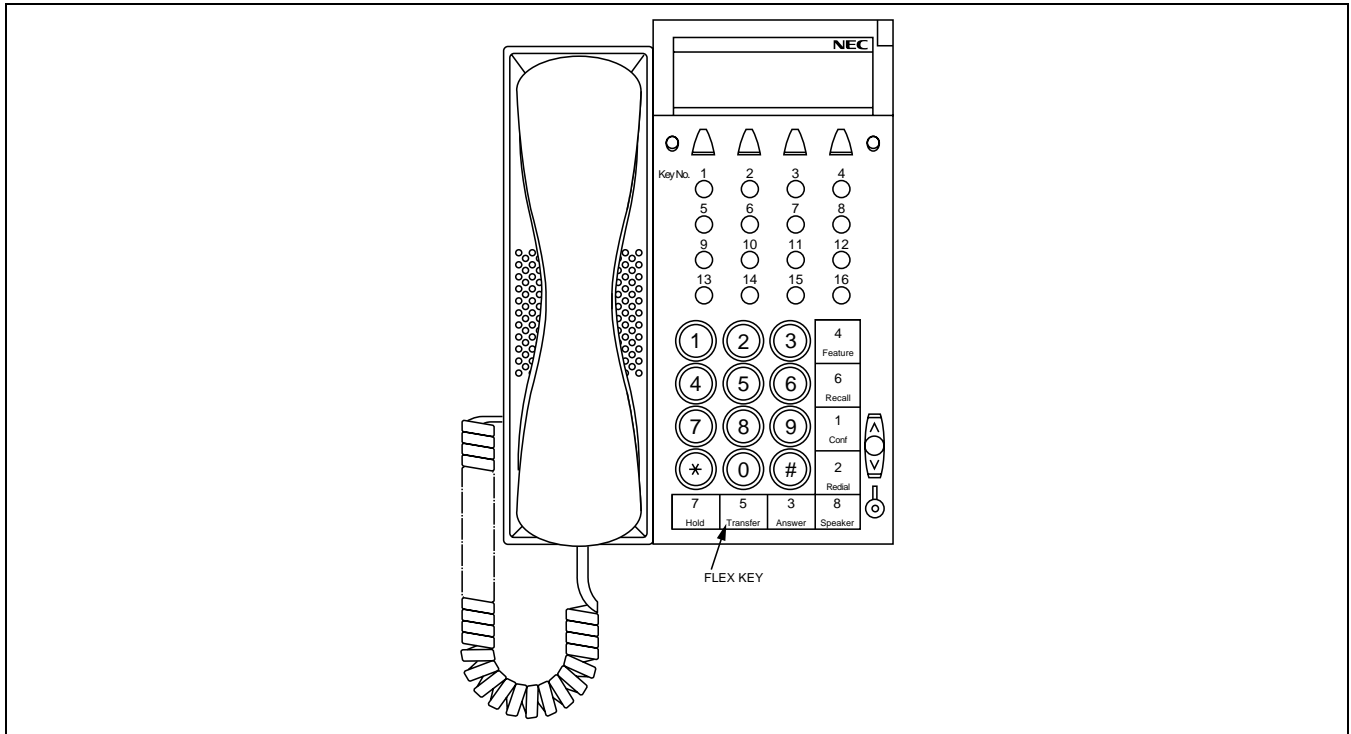
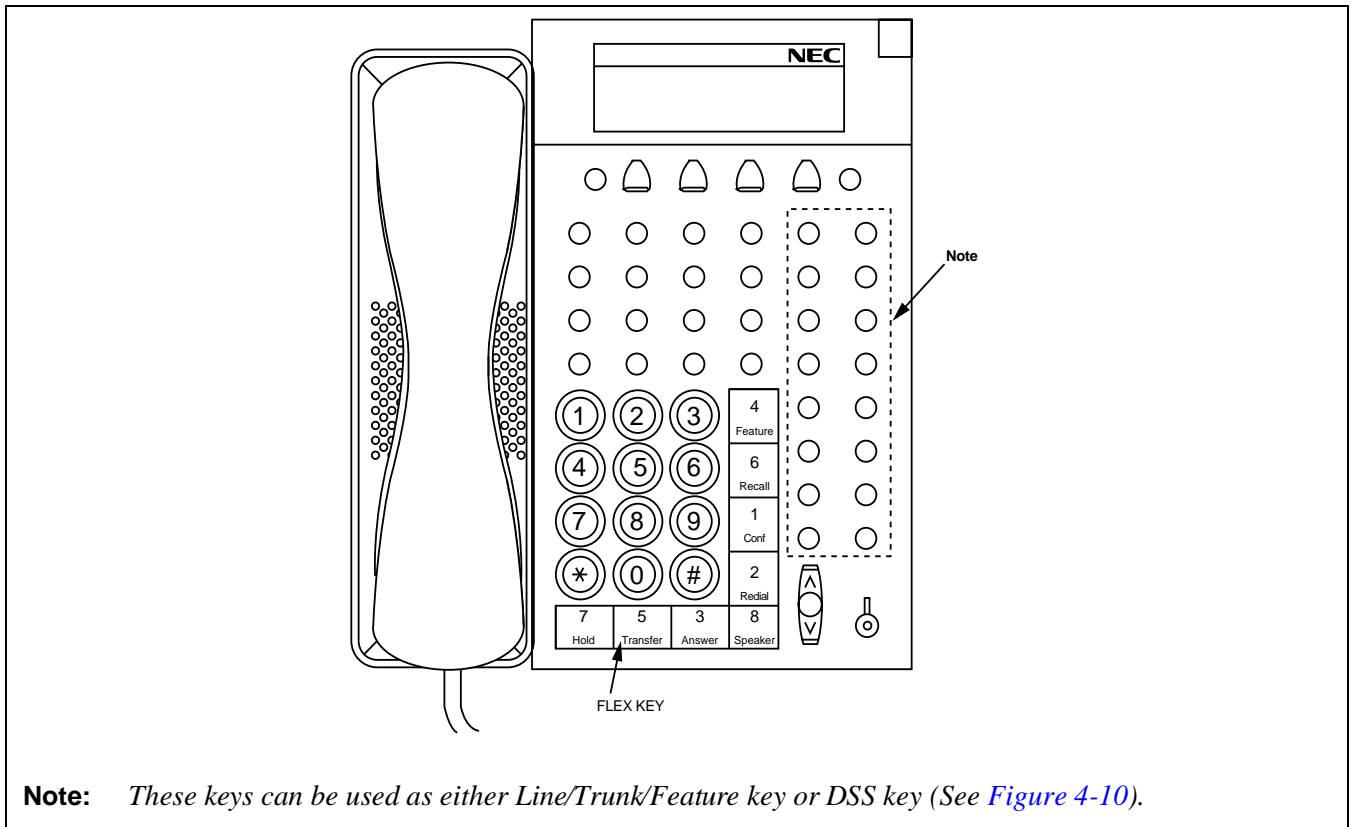


Figure 4-8 D^{term} Series E (16-Button Type)



Note: These keys can be used as either Line/Trunk/Feature key or DSS key (See [Figure 4-10](#)).

Figure 4-9 D^{term} Series E (32-Button Type)

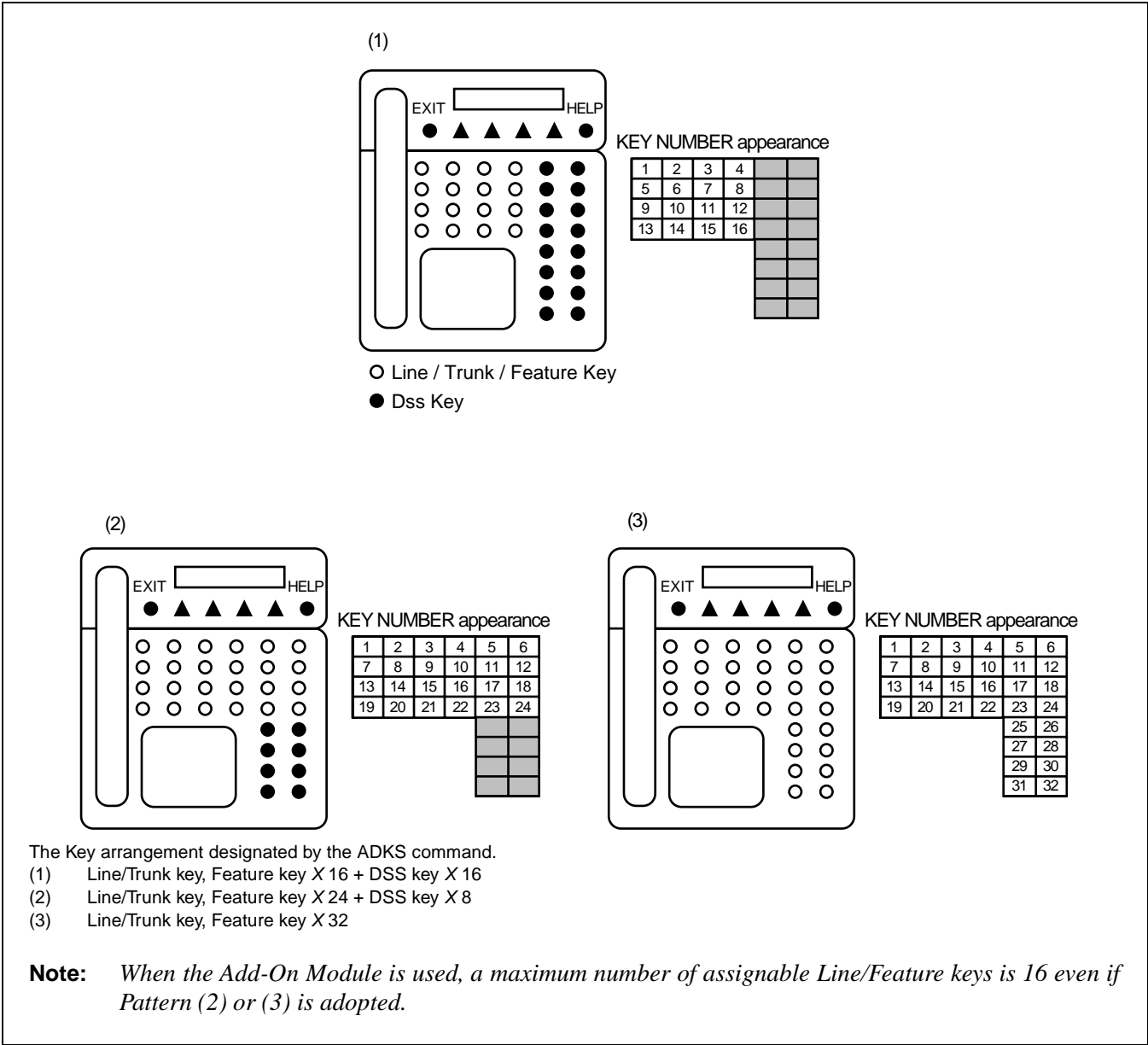
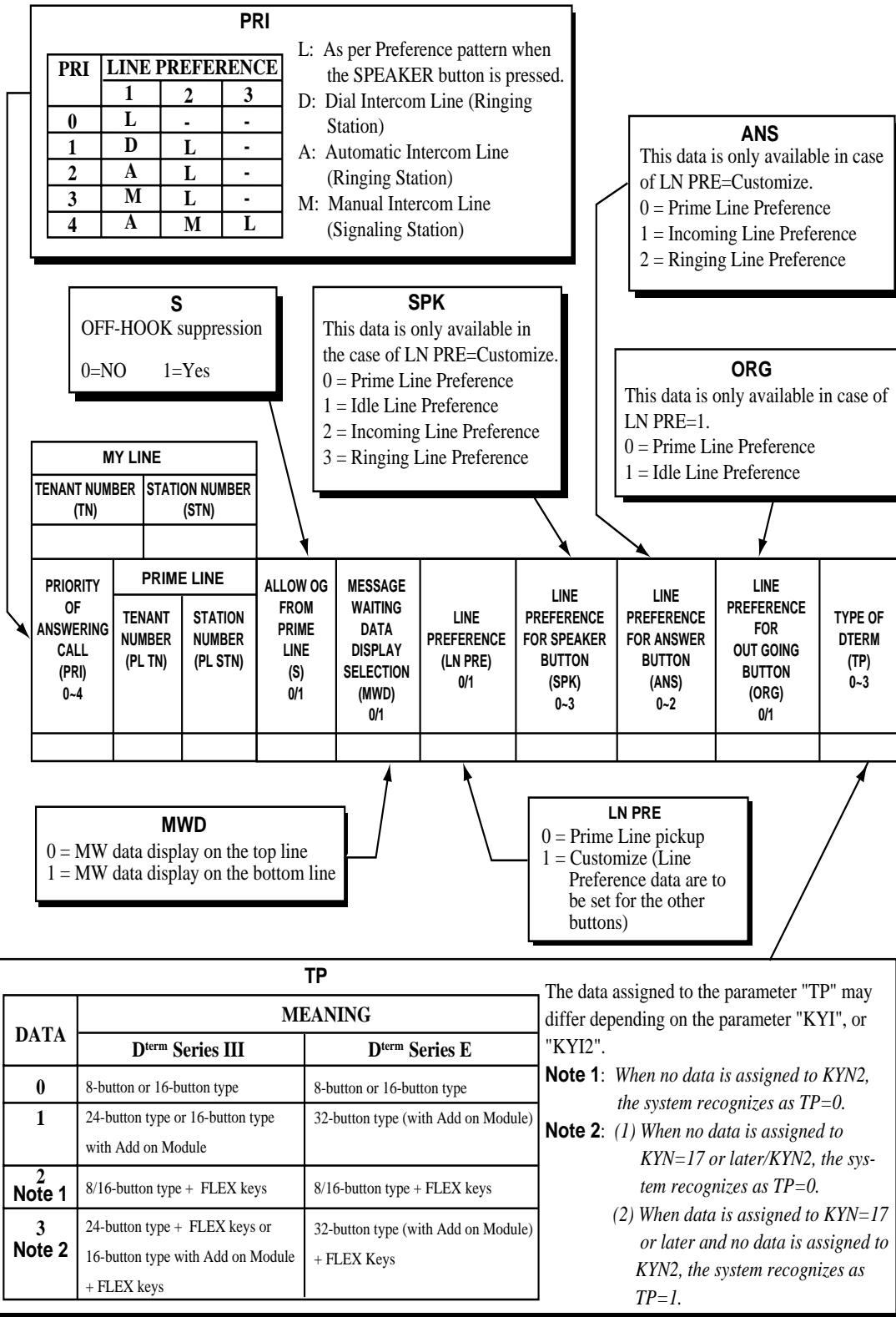
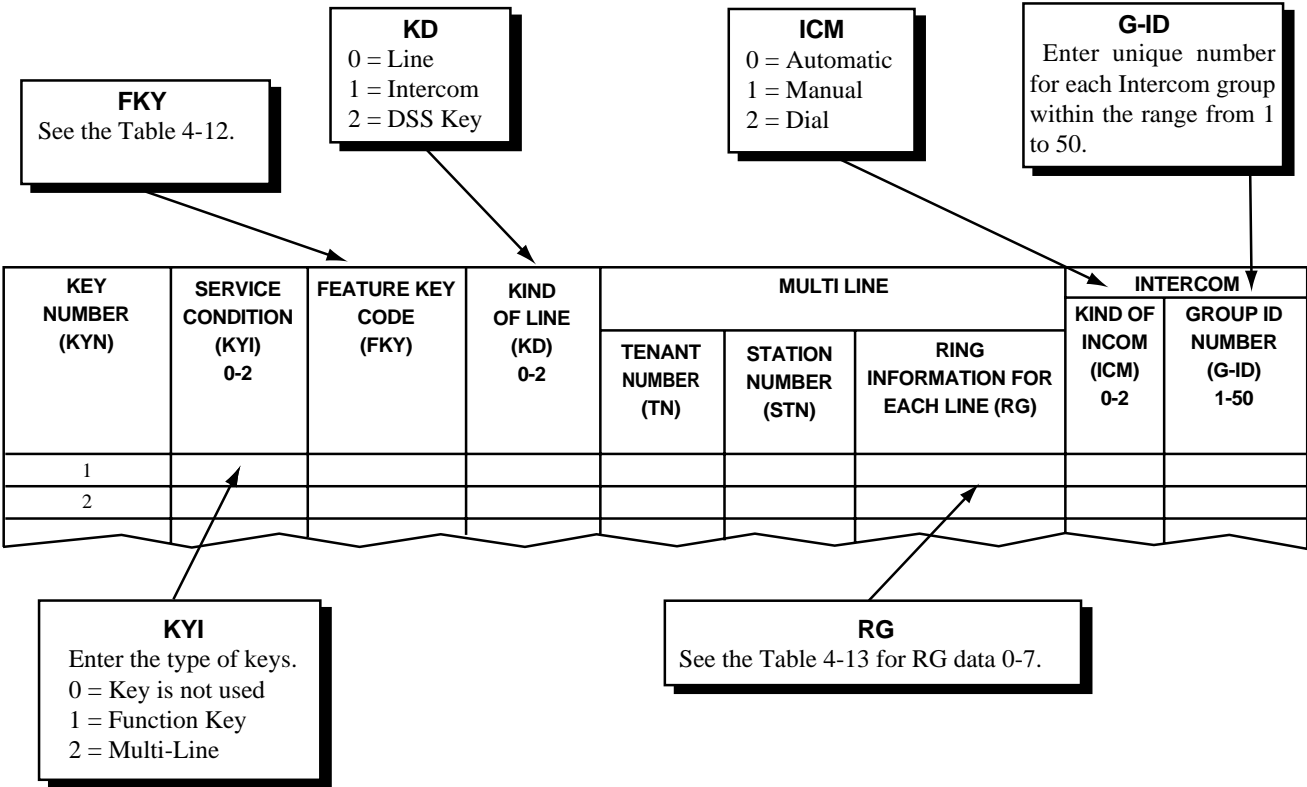


Figure 4-10 Key Number Appearance of D^{term} Series E

3. Data Entry Instructions



- For the Line/Feature keys



- For the Flex keys

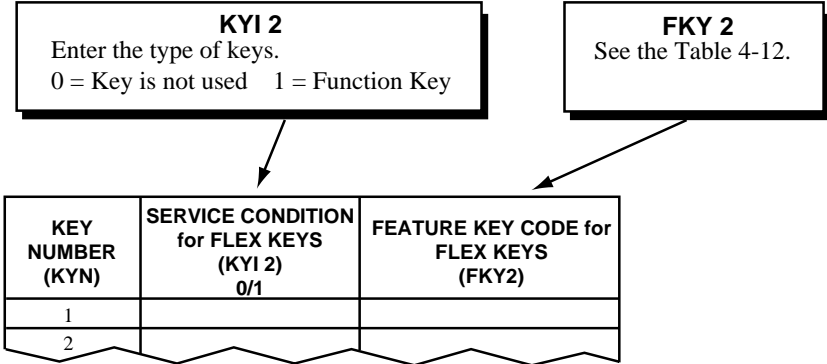


Table 4-12 FKY

FKY(1-320)					
FKY	Service name	FKY	Service name	FKY	Service name
1	Call Forwarding-Busy Line	35	OAI Key Code 2	90	Do Not Disturb Reset
2	Call Forwarding-All Calls	36	OAI Key Code 3	91	Room Cut Off Set (Note 3)
3	Executive Right of Way	37	OAI Key Code 4	92	Room Cut Off Reset
4	Call Waiting	38	OAI Key Code 5	93	Message Waiting Set (Note 4)
5	Call Back	39	OAI Key Code 6	94	Message Waiting Reset
*6	Message Reminder	40	OAI Key Code 7	95	Check In
*7	Save and Repeat	41	OAI Key Code 8	96	Check Out
8	Last number call	42	OAI Key Code 9	97	Status
9	Boss-Secretary-Message Waiting Lamp Control; Set	43	OAI Key Code 10	98	Audit
10	Call Hold	44	OAI Key Code 11	99	Enter
11	Boss-Secretary-Message Waiting Lamp Control; Cancel	45	OAI Key Code 12	100	Clear Enter
*12	Call Pickup-Group	46	OAI Key Code 13	101	END
*13	Three-way Calling	47	UCD Call Waiting Lamp (In case Business Application)/END (END)/(In case Hotel Application) /OAI Key Code 14	102-112	-
*14	Voice Call	48	Privacy Release	113	Call ID change display
15	Speed Calling-System	*49	Speed Calling - One Touch	114	-
16	Function	50	Do Not Disturb	*115	Call pickup expand
*17	CAS SHF	*51	Microphone	116	-
*18	Call Transfer - All Calls	52	Speaker	*117	Ringer mute
*19	UCD Busy Out	53-54	-	118	Call Return
*20	Non-Exclusive Hold/Exclusive Hold (Hold)	*55	PAGE	119	-
*21	Flash Button	56	OFF/ON HOOK FOR HEADSET	120	Next page of software keys (Scroll key)
22	Call Forwarding-Don't Answer	*57	Recall	121	Previous page of software keys (Back Scroll Key)
23-25	-	58	-	122	Soft Key Assignment
26	Speed Calling-Station	59	Release Key	123	Off Hook Ringing (OFR)
27	Originate (ORG)	*60	Manual Signaling Key	124	Mute (MUTE)
28	Answer (ANS)	61-82	-	125	Head Set (HSET)
29	Data (DATA)	83	Retain Conference	126	PS key
30	Display/Auto (DSPY/AUTO)	*84	Serial Call	127	Boss Move
31	Data Transfer (DTX)	85	Internal Zone Paging	128	Call Block
32	-	86	-	129	Call Trace
33	Message Waiting Lamp (MW)	87	Wake Up Set (Note 1)	130	-
34	OAI Key Code 1	88	Wake Up Reset	131	Disconnect Key
		89	Do Not Disturb Set (Note 2)	132-320	-

This service is activated without releasing service restriction by ASFC. (Whether the service is restricted or not, this feature is activated.)

Note 1: For Guest D^{term} in the Hotel application, this FKY is used for the WU status lamp.

Note 2: For Guest D^{term} in the Hotel application, this FKY is used for the DND status lamp.

Note 3: For Guest D^{term} in the Hotel application, this FKY is used for the RC status lamp.

Note 4: For Guest D^{term} in the Hotel application, this FKY is used for the MW status lamp.

Table 4-13 RG

RG (0-7)	RINGING		DELAY TIME
	DAY	NIGHT	
0	NO (No Ringing)	No Ringing	
1	YES (Ringing)	No Ringing	0 sec.
2	NO (No Ringing)	Ringing	0 sec.
3	Not used	Not used	
4	YES (Ringing)	Ringing	30 sec.
5	YES (Ringing)	Ringing	20 sec.
6	YES (Ringing)	Ringing	10 sec.

4. Data Sheet

(a) When KD = 0/1 (for key assignment of Line key/Intercom key)

MY LINE										
TENANT NUMBER (TN)		STATION NUMBER (STN)		ALLOW OG FROM PRIME LINE (S) 0/1	MESSAGE WAITING DATA DISPLAY SELECTION (MWD) 0/1	LINE PREFERENCE (LN PRE) 0/1	LINE PREFERENCE FOR SPEAKER BUTTON (SPK) 0-3	LINE PREFERENCE FOR ANSWER BUTTON (ANS) 0-2	LINE PREFERENCE FOR OUTGOING BUTTON (ORG) 0/1	TYPE OF DTERM (TP) 0-3
PRIORITY OF ANSWERING CALL (PRI) 0-4	PRIME LINE		TENANT NUMBER (PL TN)								STATION NUMBER (PL STN)
KEY NUMBER (KYN)	SERVICE CONDITION (KYI) 0-2	FEATURE KEY CODE (FKY) 1-320	KIND OF LINE (KD) 0-2	MULTI LINE			INTERCOM			
				TENANT NUMBER (TN)	STATION NUMBER (STN)	RING INFORMATION FOR EACH LINE (RG) 0-7	KIND OF INCOM (ICM) 0-2	GROUP ID NUMBER (G-ID) 1-50		
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

AKYD : Assignment of Key Data for Dterm

MY LINE									
TENANT NUMBER (TN)		STATION NUMBER (STN)							
PRIORITY OF ANSWERING CALL (PRI) 0-4	PRIME LINE		ALLOW OG FROM PRIME LINE (S) 0/1	MESSAGE WAITING DATA DISPLAY SELECTION (MWD) 0/1	LINE PREFERENCE (LN PRE) 0/1	LINE PREFERENCE FOR SPEAKER BUTON (SPK) 0-3	LINE PREFERENCE FOR ANSWER BUTTON (ANS) 0-2	LINE PREFERENCE FOR OUTGOING BUTTON (ORG) 0/1	TYPE OF DTERM (TP) 0-3
	TENANT NUMBER (PL TN)	STATION NUMBER (PL STN)							
KEY NUMBER (KYN)	SERVICE CONDITION (KYI) 0-2	FEATURE KEY CODE (FKY) 1-320	KIND OF LINE (KD) 0-2	MULTI LINE			INTERCOM		
				TENANT NUMBER (TN)	STATION NUMBER (STN)	RING INFORMATION FOR EACH LINE (RG) 0-7	KIND OF INCOM (ICM) 0-2	GROUP ID NUMBER (G-ID) 1-50	
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									

KEY NUMBER (KYN)	SERVICE CONDITION (KYI) 0 - 2	FEATURE KEY CODE (FKY) 1-320	KIND OF LINE (KD) 0-2	MULTI LINE			INTERCOM	
				TENANT NUMBER (TN)	STATION NUMBER (STN)	RING INFORMATION FOR EACH LINE (RG) 0-7	KIND OF INCOM (ICM) 0-2	GROUP ID NUMBER (G-ID) 1-50
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
F1								
F2								
F3								
F4								
F5								
F6								
F7								
F8								

Note 1: When KYI = None, it is not necessary to assign any data.

Note 2: When KYI = FUNCTION, assign data for FKY only.

Note 3: When KYI = Multi-Line, assign data for multiple telephone only.

AKYD : Assignment of Key Data for Dterm

(b) When $KD = 2$ (for key assignment of DSS Console).

KEY NUMBER	TENANT NUMBER (TN)	STATION NUMBER (STN)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

AKYD_T: Assignment of Key Data for D^{term} – Telephone Number

1. General

This command assigns the Line Key, Function Key, Intercom Key, and DSS Key data corresponding to each line/feature button on a D^{term}. The station data of AKYD command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. Prior to this command, Telephone Numbers must be allocated by using the ALGSN command. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
4. The D^{term} series III (16-button type) and D^{term} series E have the default key data. (Refer to Precautions 8.) If the default data is to be used, assignment in AKYD/AKYD_T is not necessary. The table below shows the specification pertaining to data assignment for the D^{term}.

Table 4-14 Data Assignment for the D^{term}

TYPE OF D ^{term}		LINE/FEATURE BUTTON	NUMBER OF BUTTONS
Series III	8-button type	KYN = 1-8	8
	16-button type	KYN = 1-16	16
	24-button type	KYN = 1-24	24
Series E	8-button type	KYN = 1-8	8
	16-button type	KYN = 1-16	16
	32-button type	See Figure 4-7	32

5. Before assigning the key data for a D^{term} using this command, be sure to assign the station data of the D^{term} using the ASDT command (TN, STN, TEC = 12 (D^{term})). The station number assigned by the ASDT command is referred to as “MY LINE”. **Note**

Note: This “MY LINE” corresponds to the physical port associated with the LENS of a ELC card.

6. By assigning another station line to a feature button using this command, an incoming call terminated to a station line other than My Line can be answered or can be transferred to elsewhere as in the case of the My Line. A station line other than My Line is referred to as a “Sub Line.” A “Sub Line” can be assigned not only to a D^{term} but to any conventional telephone. In addition, the station data for My Line and Sub Line must be assigned by the ASDT command before the key data is assigned. When the Sub Line and the My Line belong to different tenants, use the ATNR command and clear the “Tenant-to-Tenant Restriction.”

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

7. A Multi-Line key (the key for My Line and Sub Line) on the D^{term} can be assigned as Prime Line. If the Prime Line is not assigned, the My Line serves as the Prime Line. When the user goes off-hook, the Prime Line is automatically selected on the D^{term}.
8. A virtual line can be assigned as a Sub Line of the D^{term}. The virtual line can be used the same way as the My Line for outgoing calls and other service operations. **Note**

Note: *Virtual Line* --- A virtual LENS exists only in memory, but does not exist physically. Data can be assigned but no hardware is required.

Example: LENS = 000311. The virtual LENS is assigned by the ASDT command in the same way as an ordinary line. (The telephone class is **TEC = 18**: Virtual Line)

9. If the station user accepts the default settings, the data assignment of this command is not required. The default data for each line/feature button is shown below.

Table 4-15 Default Data for Each Line/Feature Button

KEY NO.	DEFAULT DATA	KEY NO.	DEFAULT DATA
1	CALL PICKUP	9	PRIME LINE
2	CALL FORWARDING - BUSY LINE	10	SPEED CALLING ONE-TOUCH
3	CALL FORWARDING - ALL CALLS CALL FORWARDING - DON'T ANSWER	11	SPEED CALLING ONE-TOUCH
4	EXECUTIVE RIGHT OF WAY	12	SPEED CALLING ONE-TOUCH
5	VOICE CALL	13	SPEED CALLING ONE-TOUCH
6	MESSAGE REMINDER	14	SPEED CALLING ONE-TOUCH
7	SAVE AND REPEAT	15	SPEED CALLING ONE-TOUCH
8	LAST NUMBER CALL	16	SPEED CALLING - SYSTEM

10. The ability to assign Sub Line appearances across module groups is available when ASYD command SYS1, INDEX321, bit0 = 1 is assigned. Stations can appear on D^{term} which accommodated the different module group within the same IMG.
11. When assigning the line/feature buttons as function keys, take the following precautions:
 - (a) My Line key must be programmed.
 - (b) Not used line/feature buttons should be assigned as KYI = 0 (Not used)
 - (c) The following function keys are basically fixed:
 - FKY = 13: CONF (Three - Way Calling)
 - FKY = 18: TRANSFER (Call Transfer - All Calls)
 - FKY = 20: HOLD (Non - Exclusive Hold/Exclusive Hold)
 - FKY = 28: ANSWER
 - FKY = 51: MIC
 - FKY = 52: SPEAKER
 - FKY = 57: RECALL

12. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
13. There is no default key data provided for D^{term} (8-button type). The key data for all the line/feature buttons must be programmed. When assigning the key data of the line/feature button, take the following precautions:
 - (a) My Line Key must be assigned in KYN = 1-8, and KYN = 9-16 should be assigned KYI = 0 (Not used).
 - (b) The following function keys are basically fixed:
 - FKY = 13: CONF (Three-Way Calling)
 - FKY = 18: TRANSFER (Call Transfer-All Calls)
 - FKY = 20: HOLD (Non-Exclusive Hold/Exclusive Hold)
 - FKY = 28: ANSWER
 - FKY = 51: MIC
 - FKY = 52: SPEAKER
 - FKY = 57: RECALL
 - (c) Not used line/feature buttons should be assigned KYI = 0 (Not used).
14. There is no default key data provided for D^{term} (24-button type/32-button type). The key data for all of the line/feature buttons must be programmed. When assigning the key data of the line/feature button, take the following precautions:
 - (a) My Line Key must be assigned in KYN = 1-24, and KYN = 25-40 should be assigned KYI = 0 (Not used).

My Line in KYN = 17-24 cannot be assigned without assigning any Line Key or any Function Key in KYN = 1-16.
 - (b) The following function keys are basically fixed.
 - FKY = 13: CONF (Three-Way Calling)
 - FKY = 18: TRANSFER (Call Transfer-All Calls)
 - FKY = 20: HOLD (Non-Exclusive Hold/Exclusive Hold)
 - FKY = 28: ANSWER
 - FKY = 51: MIC
 - FKY = 52: SPEAKER
 - FKY = 57: RECALL
 - (c) Not used line/feature buttons should be assigned KYI = 0 (Not used).
15. When using 16 ELCJ (SR 3295, PROG-B or later), the FKY = 49: Speed Calling-One Touch can be assigned to a maximum of 16 Key Numbers (KYNS).

Note 1: *Speed Calling-One Touch data can be saved by the BOSD command.*

Note 2: *Assign the data to the Key Numbers (KYN) in the consecutive order.*

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

16. For Call Forwarding-Busy Line and Call Forwarding-Don't Answer, refer to ASYD SYS1 Index5 (separate/common access for C.F.-Busy Line and C.F.-Don't Answer). If common access codes are assigned, only one key is required to activate the features. If separate access codes are assigned, separate function keys must be assigned.
17. <D^{term} Series III> The FKY = 55: One-Touch changeover (PAGE) should be assigned when registering destination numbers greater than 20 as one-touch speed calling codes.

<D^{term} Series E> The FKY = 55: One-Touch changeover (PAGE) should be assigned when registering destination numbers greater than 16 as one-touch speed calling codes.

Note: *Each one-touch button is assigned a 2-page memory (Page 0 and Page 1). One destination number can be assigned on a page basis. When originating an outgoing call, the page of one-touch button can be designated by this function key.*

18. In conjunction with intercom service, take the following precautions:
 - (a) Before assigning the Intercom Key Data using this command, assign the Intercom Group Data using the command AICD/ADIM.
 - (b) When providing the Intercom service, assign "The response priority when the SPEAKER button is pressed or the station goes off-hook" in the parameter PRI. When not providing the Intercom service, assign PRI = 0.
19. When this command is used, the ELC card must be reinitialized (MB switch UP-DOWN).
20. A maximum of 8 soft keys can be assigned via the function key (FKY=122).

Note: *6 soft keys available at the maximum when page scroll key soft key is displayed on the LCD.*

21. Soft key data to be assigned via the function key (FKY=122) is not available for having the different function per each condition on the D^{term}.
22. The same function data can not be assigned to both function key and soft key.
23. Expanded Multiple Line Operation - D^{term} [E-26] service is available only when "KD = 0 (Line)" is entered. This service is not available when "KD = 1 (Intercom)" or "KD = 2 (DSS Key)" is assigned.

3. Data Entry Instructions

PRI	LINE PREFERENCE		
	1	2	3
0	L		
1	D	L	
2	A	L	
3	M	L	
4	A	M	L

PRI
 L: As per Preference pattern when the SPEAKER button is pressed.
 D: Dial Intercom Line (Ringing Station)
 A: Automatic Intercom Line (Ringing Station)
 M: Manual Intercom Line (Signaling Station)

ORG
 This data is only available in case of LN PRE=1.
 0 = Prime Line Preference
 1 = Idle Line Preference

MY LINE	
USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN)

ANS
 This data is only available in case of LN PRE=1.
 0 = Prime Line Preference
 1 = Incoming Line Preference
 2 = Ringing Line Preference

PRIORITY OF ANSWERING CALL (PRI) 0-4	PRIME LINE	
	USER GROUP NUMBER (PL UGN)	TELEPHONE NUMBER (PL TELN)

ALLOW OG FROM PRIME LINE (S) 0/1	MESSAGE WAITING DATA DISPLAY SELECTION (MWD) 0/1	LINE PREFERENCE (LN PRE) 0/1	LINE PREFERENCE FOR SPEAKER BUTTON (SPK) 0-3	LINE PREFERENCE FOR ANSWER BUTTON (ANS) 0-2	LINE PREFERENCE FOR OUT GOING BUTTON (ORG) 0/1	TYPE OF DTERM (TP) 0-3

S
 OFF-HOOK suppression
 0=No 1=Yes

LN PRE
 0 = Prime Line pickup
 1 = Customize (Line Preference data are to be set for the other buttons)

SPK
 This data is only available in case of LN PRE =1
 0 = Prime Line Preference
 1 = Idle Line Preference
 2 = Incoming Line Preference
 3 = Ringing Line Preference

MWD
 0 = MW data display on the top line
 1 = MW data display on the bottom line

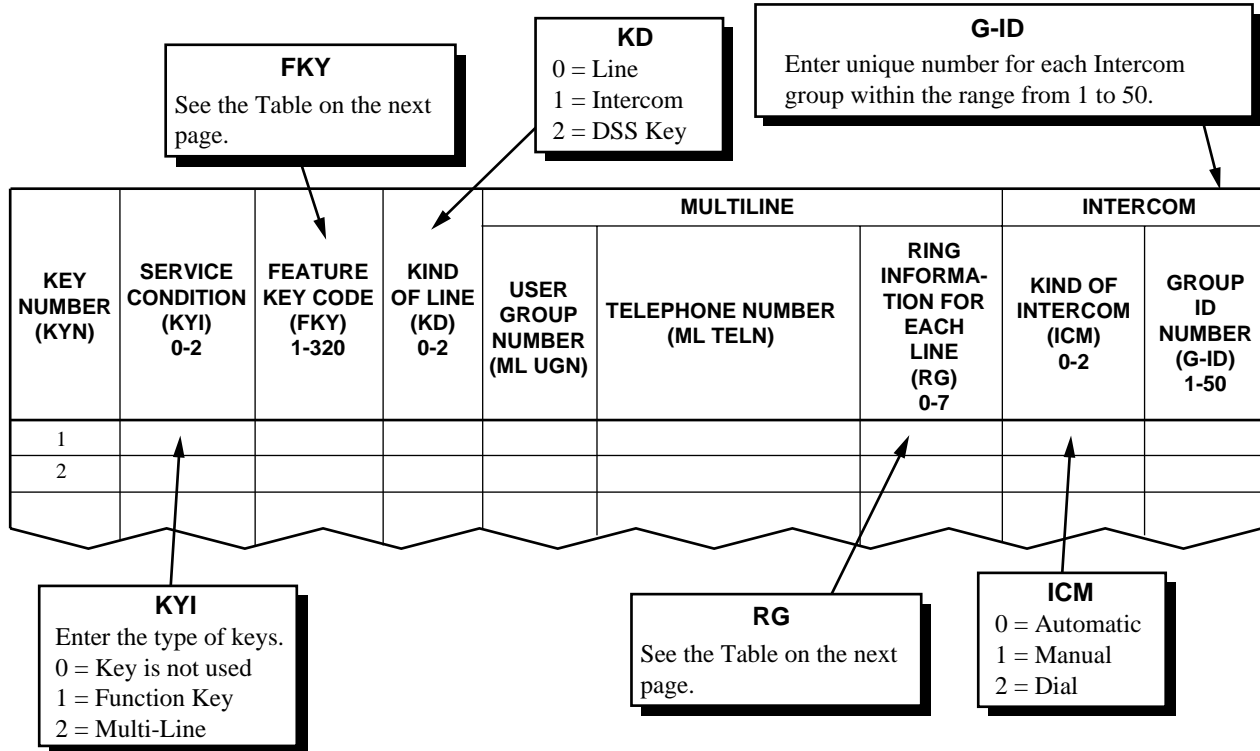
DATA	MEANING	
	D ^{term} Series III	D ^{term} Series E
0	8-button or 16-button type	8-button or 16-button type
1	24-button type or 16-button type with Add on Module	32-button type (with Add on Module)
2 Note 1	8/16-button type + FLEX keys	8/16-button type + FLEX keys
3 Note 2	24-button type + FLEX keys or 16-button type with Add on Module + FLEX keys	32-button type (with Add on Module) + FLEX Keys

The data assigned to the parameter “TP” may differ depending on the parameter “KYI”, or “KYI2”. See the below.
Note 1: When no data is assigned to KYN2, the system recognizes as TP=0.
Note 2: (1) When no data is assigned to KYN=17 or later/KYN2, the system recognizes as TP=0.
 (2) When data is assigned to KYN=17 or later and no data is assigned to KYN2, the system recognizes as TP=1.

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

Note: The existing data can be readout by pressing "Get" button after UGN and TELN data is entered.

- For the Line/Feature keys



- For the Flex keys

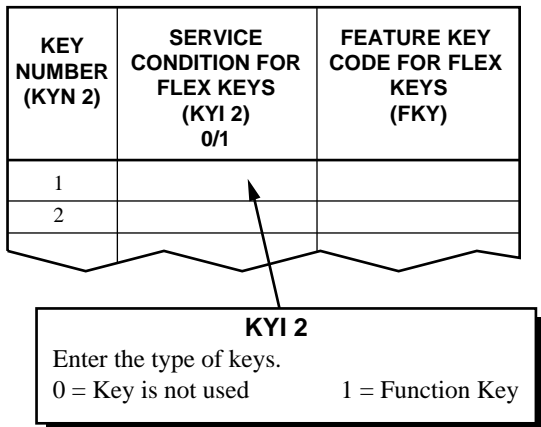


Table 4-16 FKY

FKY(1-320)					
FKY	Service name	FKY	Service name	FKY	Service name
1	Call Forwarding-Busy Line	31	Data Transfer (DTX)	94	Message Waiting Reset
2	Call Forwarding-All Calls	32	-	95	Check In
3	Executive Right of Way	33	Message Waiting Lamp (MW)	96	Check Out
4	Call Waiting	34-46	-	97	Status
5	Call Back	47	UCD Call Waiting Lamp (In case Business Application)/End (END)/(In case Hotel Application)	98	Audit
*6	Message Reminder	48	Privacy Release	99	Enter
*7	Save and Repeat	*49	Speed Calling - One Touch	100	Clear Enter
8	Last number call	50	Do Not Disturb	101	END
9	Boss-Secretary-Message Waiting Lamp Control; Set	*51	Microphone	102-112	-
10	Call Hold	52	Speaker	113	Call ID change display
11	Boss-Secretary-Message Waiting Lamp Control; Cancel	53-54	-	114	-
*12	Call Pickup-Group	*55	PAGE	*115	Call pickup expand
*13	Three-way Calling	56	OFF/ON HOOK FOR HEADSET	116	-
*14	Voice Call	*57	Recall	*117	Ringer mute
15	Speed Calling-System	58	-	118	Call Return
16	Function	59	Release Key	119	-
*17	CAS SHF	*60	Manual Signaling Key	120	Next page of software keys (Scroll key)
*18	Call Transfer - All Calls	61-82	-	121	Previous page of software keys (Back Scroll Key)
*19	UCD Busy Out	83	Retain Conference	122	Soft Key Assignment
*20	Non-Exclusive Hold/Exclusive Hold (Hold)	*84	Serial Call	123	Off Hook Ringing (OFR)
*21	Flash Button	85	Internal Zone Paging	124	Mute (MUTE)
22	Call Forwarding-Don't Answer	86	-	125	Head Set (HSET)
23-25	-	87	Wake Up Set (Note 1)	126	PS key
26	Speed Calling-Station	88	Wake Up Reset	127	Boss Move
27	Originate (ORG)	89	Do Not Disturb Set (Note 2)	128	Call Block
28	Answer (ANS)	90	Do Not Disturb Reset	129	Call Trace
29	Data (DATA)	91	Room Cut Off Set (Note 3)	130	-
30	Display/Auto (DSPY/AUTO)	92	Room Cut Off Reset	131	Disconnect Key
		93	Message Waiting Set (Note 4)	132-320	-

This service is activated without releasing service restriction by ASFC. (Whether the service is restricted or not, this feature is activated.)

- Note 1:** For Guest D^{term} in the Hotel application, this FKY is used for the WU status lamp.
- Note 2:** For Guest D^{term} in the Hotel application, this FKY is used for the DND status lamp.
- Note 3:** For Guest D^{term} in the Hotel application, this FKY is used for the RC status lamp.
- Note 4:** For Guest D^{term} in the Hotel application, this FKY is used for the MW status lamp.

Table 4-17 RG

RG (0-7)	RINGING		DELAY TIME
	DAY	NIGHT	
0	NO (No Ringing)	No Ringing	
1	YES (Ringing)	No Ringing	0 sec.
2	NO (No Ringing)	Ringing	0 sec.
3	Not used	Not used	
4	YES (Ringing)	Ringing	30 sec.
5	YES (Ringing)	Ringing	20 sec.
6	YES (Ringing)	Ringing	10 sec.

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

4. Data Sheet

(a) When KD = 0/1 (for Key assignment of Line key/Intercom key)

MY LINE								
USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)						
PRIORITY OF ANSWERING CALL (PRI) 0-4	PRIME LINE							
	USER GROUP NUMBER (PL UGN)	TELEPHONE NUMBER (PL TELN)						
ALLOW OG FROM PRIME LINE (S) 0/1	MESSAGE WAITING DATA DISPLAY SELECTION (MWD) 0/1	LINE PREFERENCE (LN PRE) 0/1	LINE PREFERENCE FOR SPEAKER BUTTON (SPK) 0-3	LINE PREFERENCE FOR ANSWER BUTTON (ANS) 0-2	LINE PREFERENCE FOR OUT GOING BUTTON (ORG) 0/1	TYPE OF DTERM (TP) 0-3		
KEY NUMBER (KYN)	SERVICE CONDITION (KYI) 0 – 2	FEATURE KEY CODE (FKY) 1-320	KIND OF LINE (KD) 0-2	MULTI LINE			INTERCOM	
				USER GROUP NUMBER (ML UGN)	TELEPHONE NUMBER (ML TELN)	RING INFORMATION FOR EACH LINE (RG) 0-7	KIND OF INTERCOM (ICM) 0-2	GROUP ID NUMBER (G-ID) 1-50
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

KEY NUMBER (KYN)	SERVICE CONDITION (KYI) 0 – 2	FEATURE KEY CODE (FKY) 1-320	KIND OF LINE (KD) 0-2	MULTI LINE			INTERCOM	
				USER GROUP NUMBER (ML UGN)	TELEPHONE NUMBER (ML TELN)	RING INFORMATION FOR EACH LINE (RG) 0-7	KIND OF INTERCOM (ICM) 0-2	GROUP ID NUMBER (G-ID) 1-50
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
F1								
F2								
F3								
F4								
F5								
F6								
F7								
F8								

Note 1: *When KYI = None, it is not necessary to assign any data.*

Note 2: *When KYI = FUNCTION, assign data for FKY only.*

Note 3: *When KYI = Multi-Line, assign data for multiple telephone only.*

AKYD_T : Assignment of Key Data for Dterm – Telephone Number

(b) When KD = 2 (for key assignment of DSS Console).

KEY NUMBER	USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN)	REMARKS
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

AFDD: Assignment of Function Display Data

1. General

This command assigns the characters of soft key indication on a D^{term} Series E.

When this command is not assigned, the default (which shows on FKY parameter description on this command) is displayed.

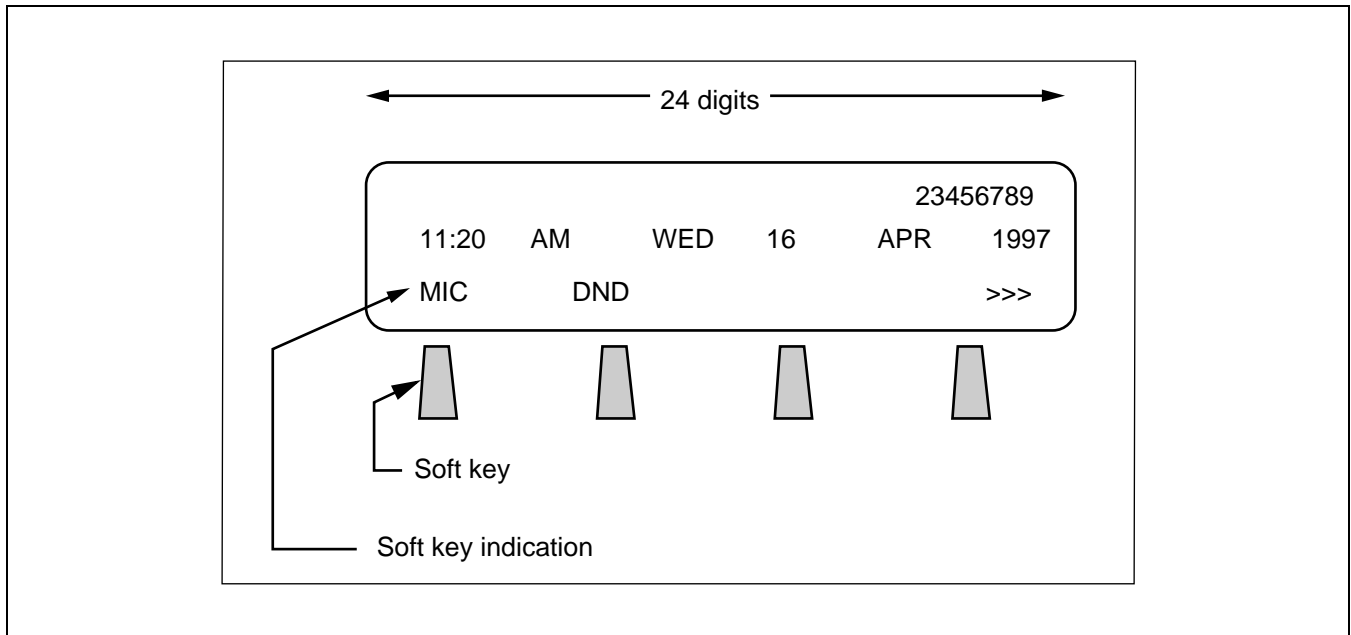


Figure 4-11 Soft Key Indication

2. Precautions

1. The LCD is 24 digits wide, and there are four soft keys. A maximum of 6 characters can be assigned for each soft key indication.
2. After the system initialization is performed, the soft key cannot be used for a minute.
3. The new LCD display programmed via this command will change after one minute passes.
4. When the station to be programmed is busy, the LCD display will not change until the station is released.

AFDD : Assignment of Function Display Data

3. Data Entry Instructions

DISP
 The soft key indication is displayed when DISP has assigned by the AFDD command.

FUNCTION KEY DATA (FKY) 1-320	DISP	REMARKS
26		

FKY(1-320) Note: The default characters are shown in the "Default display".

FKY	Service name	Default display	FKY	Service name	Default display
1	Call Forwarding-Busy Line	FDB	84	Serial Call	SCALL
2	Call Forwarding-All Calls	FDA	85	Internal Zone Paging	IZP
3	Executive Right of Way	E_OVR	86	-	-
4	Call Waiting	CW	87	Wake Up Set	WUS
5	Call Back	CB	88	Wake Up Reset	WUR
6	-	-	89	Do Not Disturb Set	DDS
7	Save and Repeat	S&R	90	Do Not Disturb Reset	DDR
8	-	-	91	Room Cut Off Set	RCS
9	Boss-Secretary-Message Waiting Lamp Control; Set	MW SET	92	Room Cut Off Reset	RCR
10	Call Hold	C_HOLD	93	Message Waiting Set	MWS
11	Boss-Secretary-Message Waiting Lamp Control; Cancel	MWOFF	94	Message Waiting Reset	MWR
12	Call Pickup-Group	PICK	95	Check In	C/I
13	Three-way Calling	CONF	96	Check Out	C/O
14	Voice Call	VOICE	97	Status	STS
15	Speed Calling-System	S-SPD	98	Audit	AUD
16	-	-	99	Enter	ENT
17	CAS SHF	CAS	100	Clear Enter	E
18	-	-	101	END	END
19	UCD Busy Out	UCDBO	102-112	-	-
20	-	-	113	Call ID change display	IDCHG
21	Flash Button	FLASH	114	-	-
22	Call Forwarding-Don't Answer	FDN	115	Call pickup expand	GPICK
23-24	-	-	116	-	-
25	-	-	117	Ringer mute	RMUTE
26	Speed Calling-Station	G_SPD	118-119	-	-
27-47	-	-	120	Next page of soft keys (Scroll key)	>>>
48	Privacy Release	P-RLS	121	Previous page of soft keys (Back Scroll key)	<<<
49	-	-	122	-	-
50	Do Not Disturb	DND	123	Off Hook Ringing	OHR
51	Microphone	MIC	124	MUTE	MUTE
52-54	-	-	125	Head Set Note 1	HSET
55	PAGE	BPAGE	126	PS Key	PS
56	OFF/ON Hook for Headset		127	Boss	B_MV
57-59	-	-	128	Call Block	IDRST
60	Manual Signaling Key	SIG	129	Call Trace	RPT
61-82	-	-	130	-	-
83	Retain Conference	CKEEP	131	Disconnect	DISC
			132-320	-	-

Note 1: When assigning the Head Set Key, enter the related data to all the Status Numbers (SN).

4. Data Sheet

FUNCTION KEY CODE (FKY)	DISPLAY MESSAGE ON LCD (DISP)	REMARKS	FUNCTION KEY CODE (FKY)	DISPLAY MESSAGE ON LCD (DISP)	REMARKS

ADSL: Assignment of D^{term} Soft Key on LCD

1. General

This command creates an additional soft key pattern for D^{term} Series E.

2. Precautions

- Four soft keys appear on a D^{term} Series E, and each soft key has four pages. This allows each soft key to have four different functions, and a station user may turn the soft key pages over simply by pressing the page scroll key, which may be indicated by >>>.
- The soft key allows different functions to be assigned depending on the call status of the D^{term} Series E station.
- This command creates the maximum of 16 customized key patterns.

Note: 15 patterns at the maximum (SKP=0 is not used).

- Soft Key Number (SKN) is the guide number to assign the function data (FKY) onto each soft key of all the pages. SKN within a soft key pattern (SKP) is illustrated in [Figure 4-12](#).

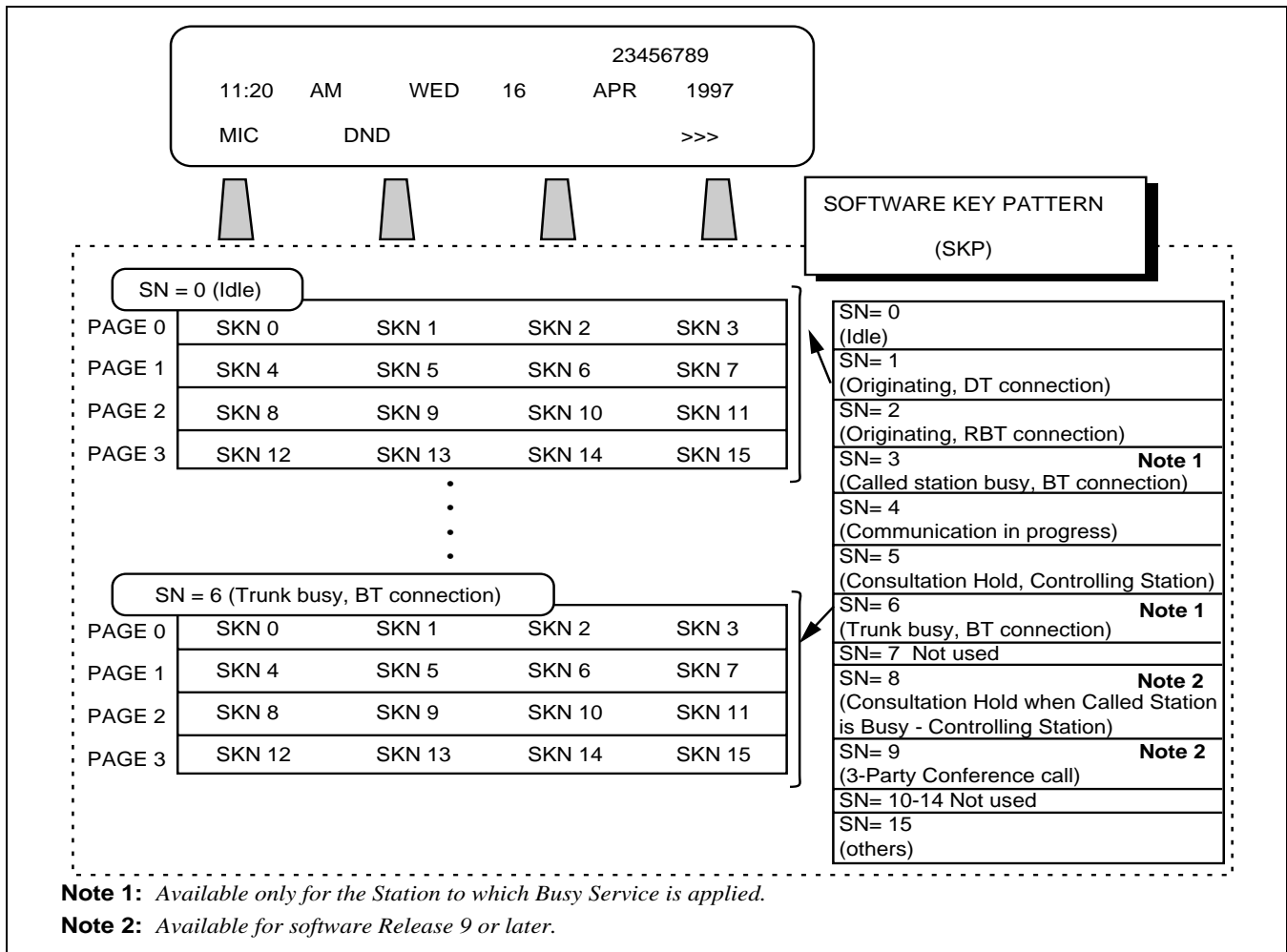


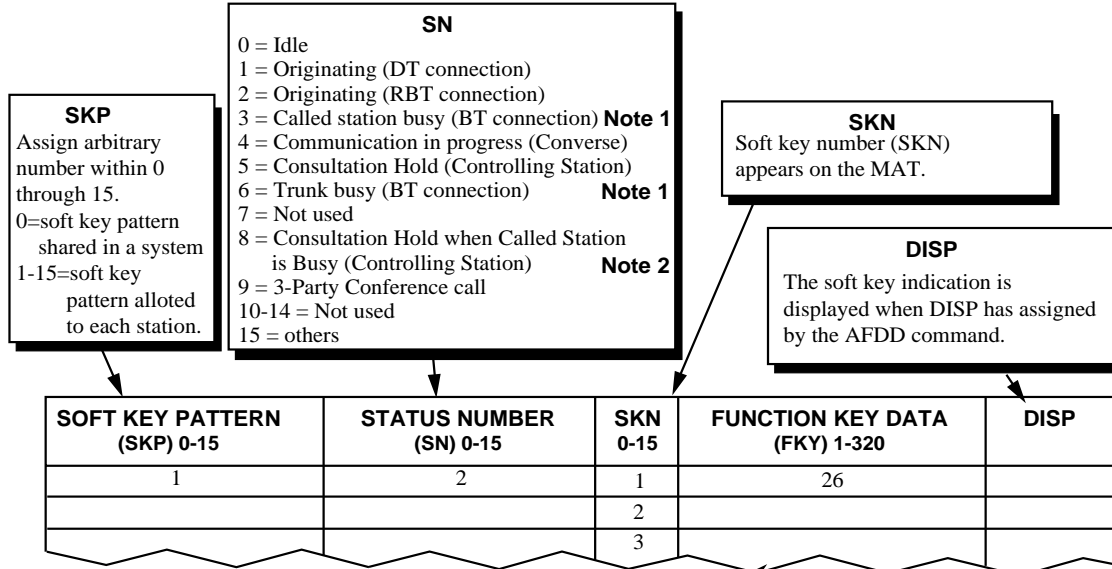
Figure 4-12 Soft Key Pattern

5. After system initialization is performed, the soft key cannot be used for a minute.
6. When the soft key data is set on a system basis, SKP = 0 is assigned by this command.
7. The priority order for displaying the data in the function key area (the third line or the lowest line) is as follows.

Priority order	Displayed Data	Description
1	Services set to the function key data	The application service that is set to the function key
2	Services set to the function key data	Only when the station is idle/originating and the service set to the function key
3	Soft key assigned via function key	When the soft key data is in the middle of being set via the function key (FKY=122)
4	(a) Soft key data used on a station basis	The soft key data assigned via the ADSL (SKP=0) and ADKS command.
	(b) Soft key used on a system basis	The soft key data is assigned via the ADSL (SKP=0).
	(c) Default soft key data by ROM data	Default soft key data (a) or (b) data shown above is not programmed.

8. The LCD display is not changed for a minute, after if the soft key data is assigned to all stations in a system using this command or the characters for the LCD display are changed using the AFDD command.
9. When the soft key data is programmed for the busy station, the LCD display does not change until the station becomes idle.
10. The same function data (FKY) can not be assigned to both soft key and function key.
11. The created soft key pattern, which is assigned at SKP=0, is applied to a D^{term} Series E by designating the programmed SKP number in ADKS. As for the key pattern data in SKP=0, ADKS is not necessary. If SKP=0 is designated in ADKS, default key pattern data (refer to [Table 4-12](#)) is applied to the D^{term}.

3. Data Entry Instructions



FKY(1-320) Note: The default characters are shown in the "Default display".

FKY	Service name	Default display	FKY	Service name	Default display
1	Call Forwarding-Busy Line	FDB	85	Internal Zone Paging	IZP
2	Call Forwarding-All Calls	FDA	86	-	-
3	Executive Right of Way	E_OVR	87	Wake Up Set	WUS
4	Call Waiting	CW	88	Wake Up Reset	WUR
5	Call Back	CB	89	Do Not Disturb Set	DDS
6	-	-	90	Do Not Disturb Reset	DDR
7	Save and Repeat	S&R	91	Room Cut Off Set	RCS
8	-	-	92	Room Cut Off Reset	RCR
9	Boss-Secretary-Message Waiting Lamp Control; Set	MW SET	93	Message Waiting Set	MWS
10	Call Hold	C_HOLD	94	Message Waiting Reset	MWR
11	Boss-Secretary-Message Waiting Lamp Control; Cancel	MWOFF	95	Check In	C/I
12	Call Pickup-Group	PICK	96	Check Out	C/O
13	Three-way Calling	CONF	97	Status	STS
14	Voice Call	VOICE	98	Audit	AUD
15	Speed Calling-System	S-SPD	99	Enter	ENT
16	-	-	100	Clear Enter	E
17	CAS SHF	CAS	101	END	END
18	-	-	102-112	-	-
19	UCD Busy Out	UCDBO	113	Call ID change display	IDCHG
20	-	-	114	-	-
21	Flash Button	FLASH	115	Call pickup expand	GPICK
22	Call Forwarding-Don't Answer	FDN	116	-	-
23-25	-	-	117	Ringer mute	RMUTE
26	Speed Calling-Station	G_SPD	118-119	-	-
27-47	-	-	120	Next page of soft keys (Scroll key)	>>>
48	Privacy Release	P-RLS	121	Previous page of soft keys (Back Scroll key)	<<<
49	-	-	122	-	-
50	Do Not Disturb	DND	123	Off Hook Ringing	OHR
51	Microphone	MIC	124	MUTE	MUTE
52-54	-	-	125	Head Set Note 1	HSET
55	PAGE	BPAGE	126	PS Key	PS
56	OFF/ON Hook for Headset	-	127	Boss Move	B_MV
57-59	-	-	128	Call Block	IDRST
60	Manual Signaling Key	SIG	129	Call Trace	RPT
61-82	-	-	130	-	-
83	Retain Conference	CKEEP	131	Disconnect	DISC
84	Serial Call	SCALL	132-320	-	-

Note 1: When assigning the Head Set Key, enter the related data to all the Status Numbers (SN).

Note 1: Available only for the Station to which Busy Service is applied.

Note 2: Available for the software Release 9 or later.

4. Data Sheet

SOFT KEY PATTERN (SKP)	STATUS NUMBER (SN)	SKN	FUNCTION KEY DATA (FKY)	DISP	REMARKS
		1			
		2			
		3			
		4			
		5			
		6			
		7			
		8			
		9			
		10			
		11			
		12			
		13			
		14			
		15			
		16			

ADKS: Assignment of D^{term} Key Status Data

1. General

This command assigns the soft key pattern (which is assigned by the ADSL command) onto a D^{term} Series E. Additionally, Line/Feature button and DSS key arrangement on the D^{term} Series E can be specified.

2. Precautions

- Four soft keys appear on a D^{term} Series E as shown in Figure 4-13. The function of the soft key varies depending on the status and current functions involved which are displayed on the bottom line of LCD.

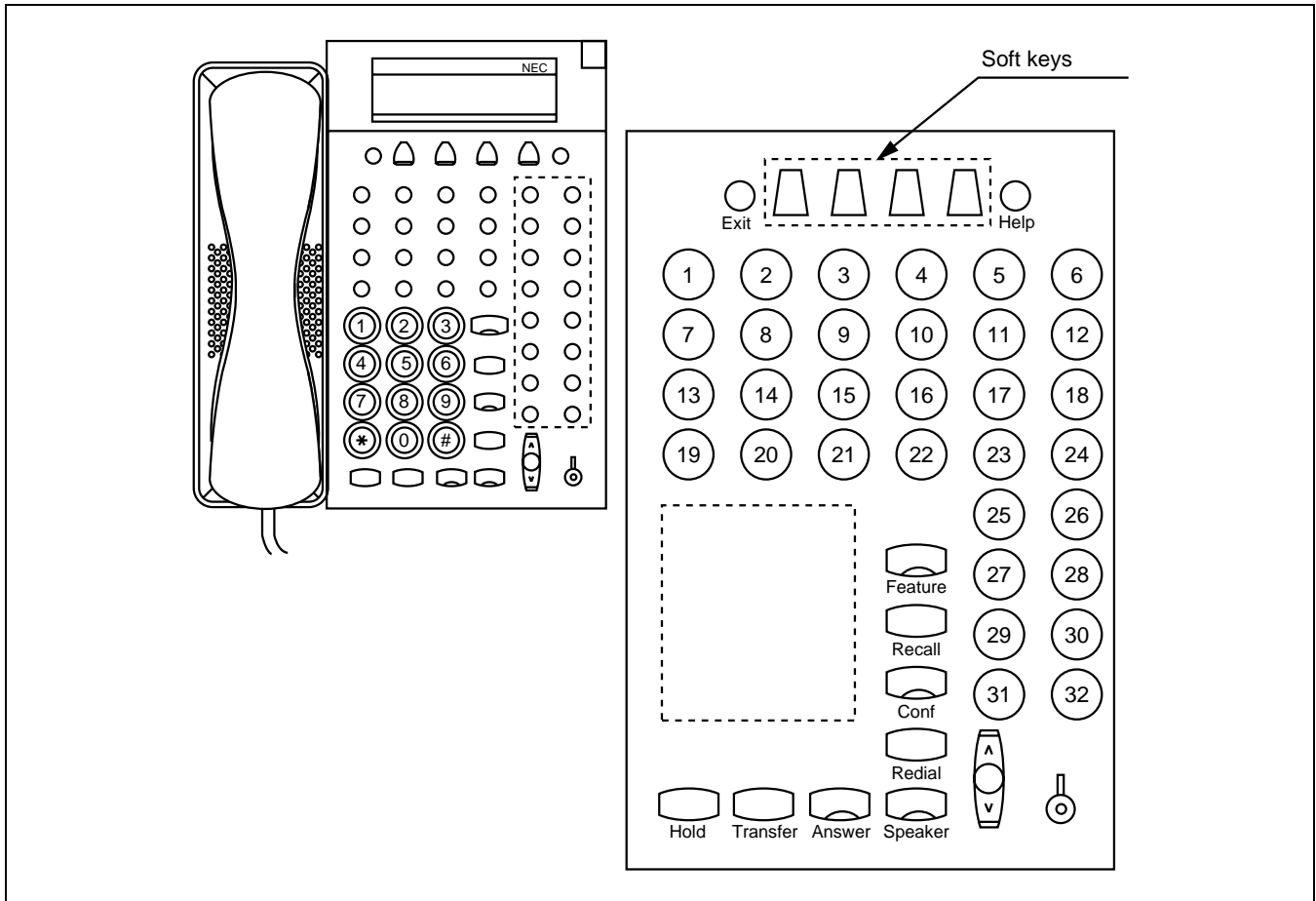


Figure 4-13 D^{term} Series E Key Arrangement

- Four different pages are prepared on the soft key for one status, and a station user can go into the next page by pressing >>>> soft key. (Instead of >>>> key, the page scroll key can be programmed on a Line/Feature button of D^{term} Series E.)
- The character appearance on each soft key function can be modified by the AFDD command.

4. The default key pattern (SKP = 0) of the soft keys are listed in the table below. When data 1 through 15 is assigned in the SKP parameter, the ADSL command must be assigned to specify the soft key pattern (SKP).

Table 4-18 Default Key Pattern

STATUS	PAGE	PG=0	PG=1
Idle	0	MIC DND >>>	MIC DND
	1		
	2		
	3		
Originating (DT connection)	0	MIC PICK FDA >>>	MIC PICK FDA FDN
	1	FDN FDB >>>	FDB
	2		
	3		
Originating (RBT connection)	0	MIC VOICE >>>	MIC VOICE
	1		
	2		
	3		
Called station busy (BT connection)	0	MIC CB CW >>>	MIC CB CW S&R
	1	S&R	
	2		
	3		
Communication in progress (Converse)	0	MIC DND >>>	MIC DND
	1		
	2		
	3		
Consultation Hold (SPDT connection)	0	MIC CONF >>>	MIC CONF
	1		
	2		
	3		
Trunk busy (BT connection)	0	MIC >>>	MIC
	1		
	2		
	3		
Consultation Hold when Called Station is Busy- Controlling Station	0	MIC CB FLASH	MIC CB FLASH
	1		
	2		
	3		

Table 4-18 Default Key Pattern (Continued)

STATUS	PAGE	PG=0	PG=1
3-Party Conference	0	MIC >>>	MIC
	1		
	2		
	3		
Others	0	MIC >>>	MIC
	1		
	2		
	3		

5. Three different kinds of Line/Feature buttons and DSS key arrangements can be specified by LKP parameter.

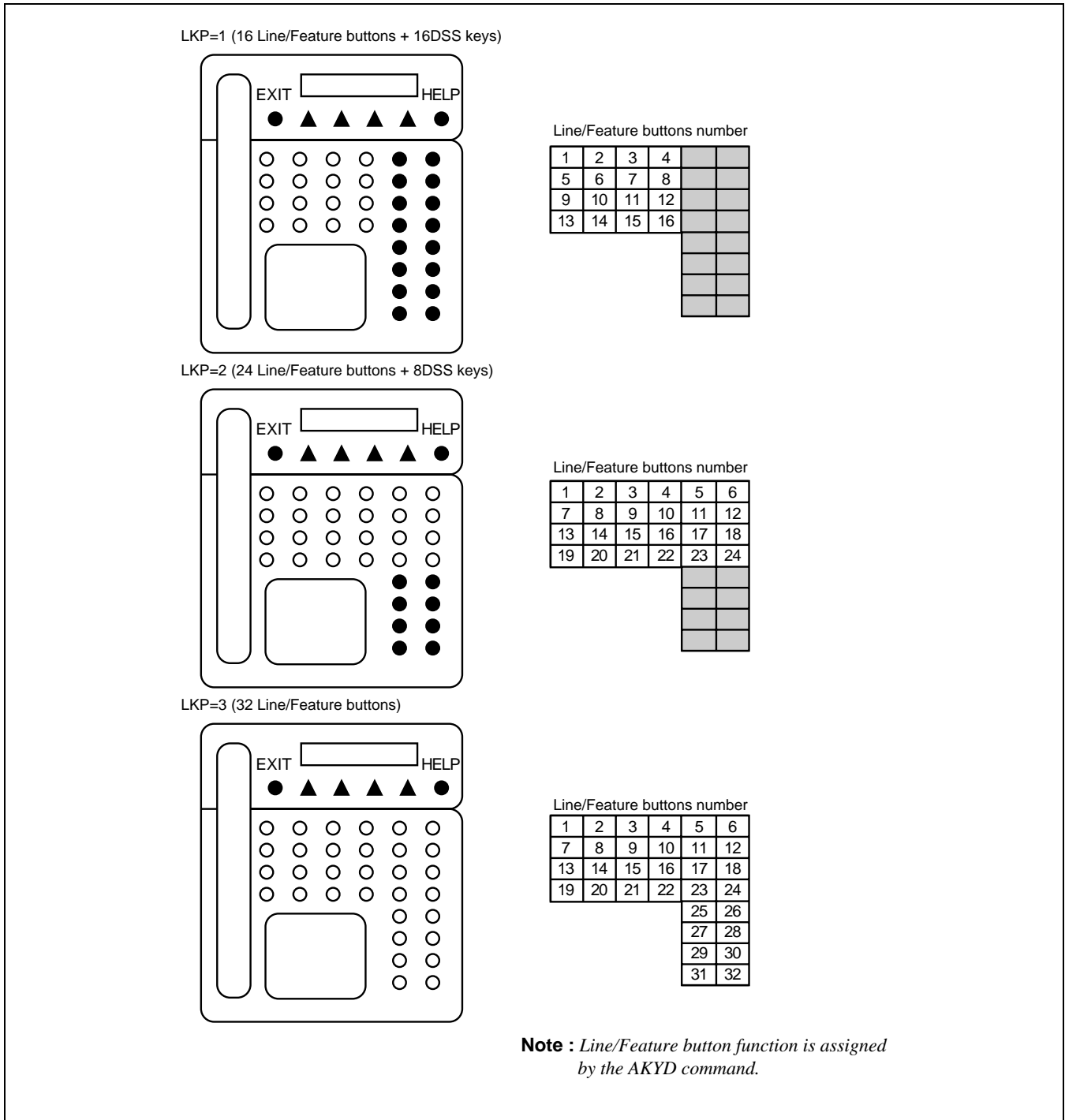


Figure 4-14 Line/Feature Button and DSS Key Arrangement on D^{term} Series E

3. Data Entry Instructions

SKP
 0 = Default pattern as shown on [Precaution (4)]
 1-15 = SKP assigned by the ADSL command

PG
 Page change key allocation (Refer to [Precaution])
 0 = Page change key appears on a soft key(>>>>)
 1 = Page change key disappears on a soft key.

TENANT NUMBER (TN)	STATION NUMBER (STN)	SOFT KEY PATTERN DATA (SKP)	KEY PATTERN DATA (LKP)	LCD PAGE (PG)
1	2 | 5 | 6 | 4 | 5	0	1	0

LKP
 Select a Line/Feature button and DSS key arrangement
 1 = 16 Line/Feature buttons + 16 DSS keys
 2 = 24 Line/Feature buttons + 8 DSS keys
 3 = 32 Line/Feature

4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STA)	SOFT KEY PATTERN DATA (SKP)	LINE KEY PATTERN DATA (LKP)	LCD PAGE (PG)

ADRTL: Assignment of D^{term} Display Route Data for LDM

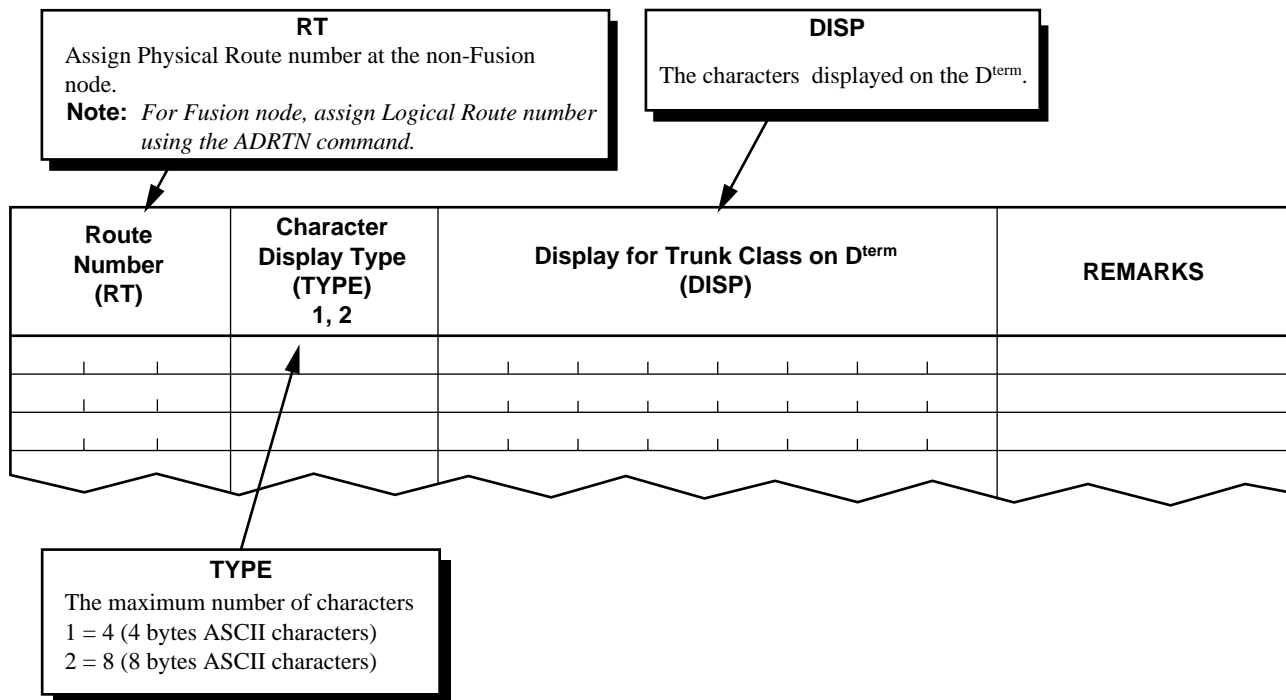
1. General

This command changes the display of trunk class information on the D^{term} instead of the Trunk Class (TCL) designation of the ARTD command.

2. Precautions

1. The data assigned in this command affects the stand alone-node and Local Node (LN).
2. When this data is assigned to Local Data Memory (LDM) in the Fusion Network, if Network Data Memory (NDM) has Display Route Data designated by the ADRTN commands, NDM data overrides LDM data.
3. The data assigned by this command is not available for ISDN stations and PS.
4. When a call terminated from the trunk COC number has been assigned by the ACOC command, the following is displayed on the D^{term} as “TYPE” parameter;
 - TYPE = 1 (4 characters) is entered, both COC number assigned by the ACOC command and 4-character trunk class assigned at “DISP” parameter is displayed.
 - TYPE = 2 (8 characters) is entered, only the 8-character trunk class assigned at “DISP” parameter is displayed.

3. Data Entry Instructions



4. Data Sheet

ROUTE NUMBER (RT)	CHARACTER DISPLAY TYPE (TYPE) 1, 2	DISPLAY FOR TRUNK CLASS ON D ^{term} (DISP)	REMARKS

ADRTN: Assignment of D^{term} Display Route Data for NDM

1. General

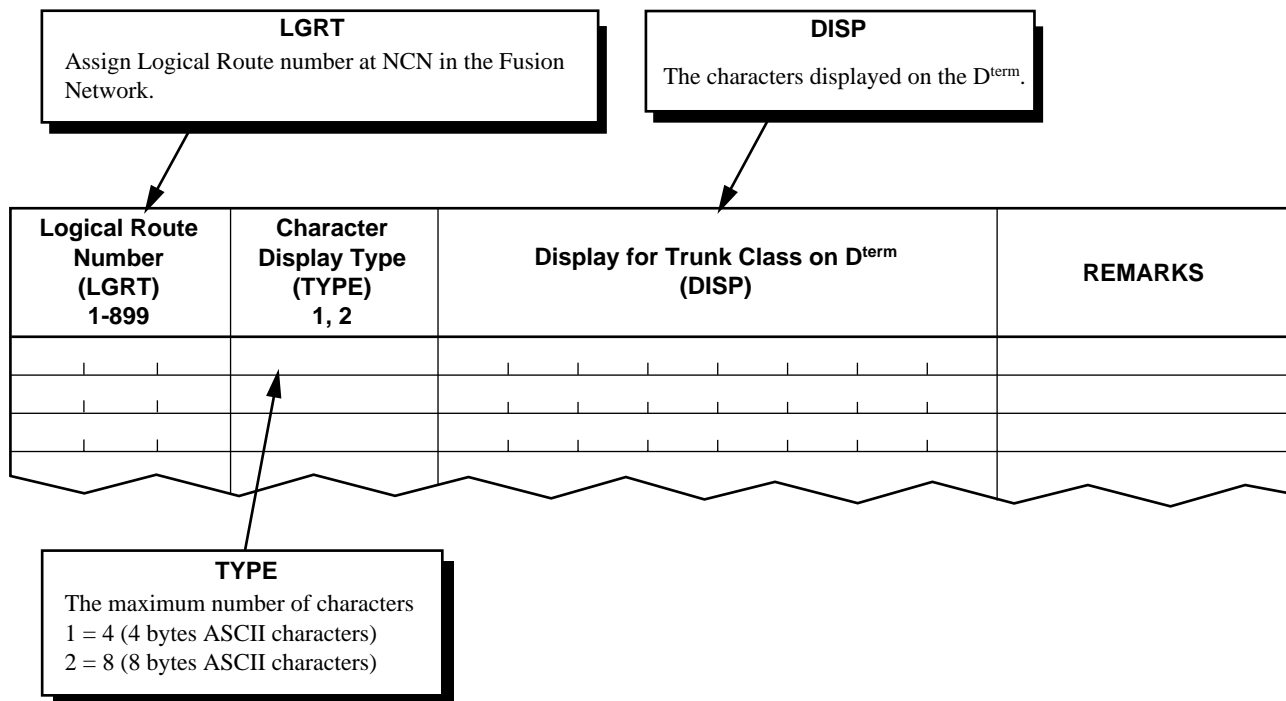
This command changes the display of trunk class information on the D^{term} instead of the Trunk Class (TCL) designation of the ARTD command.

This data is written in Network Data Memory (NDM) of the Network Control Node (NCN).

2. Precautions

1. The Route Class information is displayed on all D^{term}s of all nodes in the Fusion Network.
2. The data assigned by this command has priority over the data assigned by the ADRTL command.
3. This data is not available for ISDN stations and PS.
4. When a call terminated from the trunk COC number has been assigned by ACOC command, the following is displayed on the D^{term} as to "TYPE" parameter;
 - TYPE = 1 (4 characters) is entered, both COC number assigned by ACOC command and 4-character trunk class assigned at "DISP" parameter is displayed.
 - TYPE = 2 (8 characters) is entered, only the 8-character trunk class assigned at "DISP" parameter is displayed.

3. Data Entry Instructions



AICD: Assignment of Intercom Data

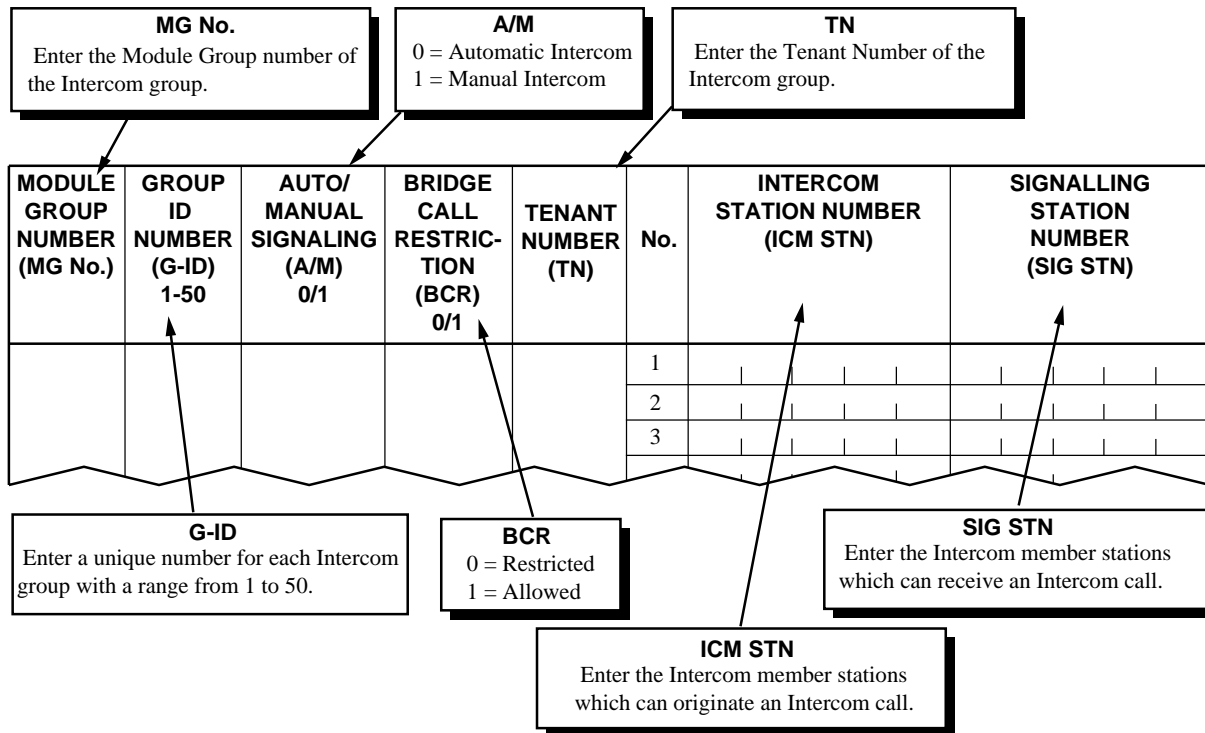
1. General

This command assigns the data related to the Automatic/Annual Intercom service feature.

2. Precautions

1. Up to 16 stations may be assigned to one Intercom group.
2. Only D^{term}(s) can have the Automatic/Manual Intercom service feature applied.
3. A maximum number of Intercom groups within a Module Group (MG) is 50 groups, and each group is given a unique Group ID Number (G-ID).
4. Prior to this command, ASYD command, SYS1, INDEX59, bit7=1 (Automatic/Manual Intercom is in service) is required.
5. After the appropriate data has been assigned by this command, assign the AKYD command as follows:
KYI = 2, KD = 1, ICM = 0 (Automatic Intercom key)
KYI = 2, KD = 1, ICM = 1 (Manual Intercom key)
If the SIG key is required for Manual Intercom service feature, KYI = 1,FKY = 60 (Manual Signaling key).
6. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
7. When you delete an Intercom member station away from the intercom group, you must first delete the data assigned by the AKYD command. Then you may delete the data assigned by this (AICD) command.
8. An Intercom member can override another Intercom station in a two-party Intercom connection. This kind of overriding is referred to as INTERCOM BRIDGE.

3. Data Entry Instructions



4. Data Sheet

MODULE GROUP NUMBER (MG No.)	GROUP ID NUMBER (G-ID) 1-50	AUTO/MANUAL SIGNALING (A/M) 0/1	BRIDGE CALL RESTRICTION (BCR) 0/1	TENANT NUMBER (TN)	NO.	INTERCOM STATION NUMBER (ICMSTN)	SIGNALING STATION NUMBER (SIGSTN)
					1		
					2		
					3		
					4		
					5		
					6		
					7		
					8		
					9		
					10		
					11		
					12		
					13		
					14		
					15		
					16		
					1		
					2		
					3		
					4		
					5		
					6		
					7		
					8		
					9		
					10		
					11		
					12		
					13		
					14		
					15		
					16		

AICD_T : Assignment of Intercom Data – Telephone Number

1. General

This command is used to assign the data related to the Automatic/Manual Intercom service feature. The station data of AICD command can be assigned by using Telephone Number instead.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. Up to 16 stations may be assigned to one Intercom group.
4. Only D^{term}(s) can have the Automatic/Manual Intercom service feature applied.
5. A maximum number of Intercom groups within a Module Group (MG) is 50 groups, and each group is given a unique Group ID Number (G-ID).
6. Prior to this command, ASYD command, SYS1, INDEX59, bit7=1 (Automatic/Manual Intercom is in service) is required.
7. After the appropriate data has been assigned by this command, assign the AKYD command as follows:

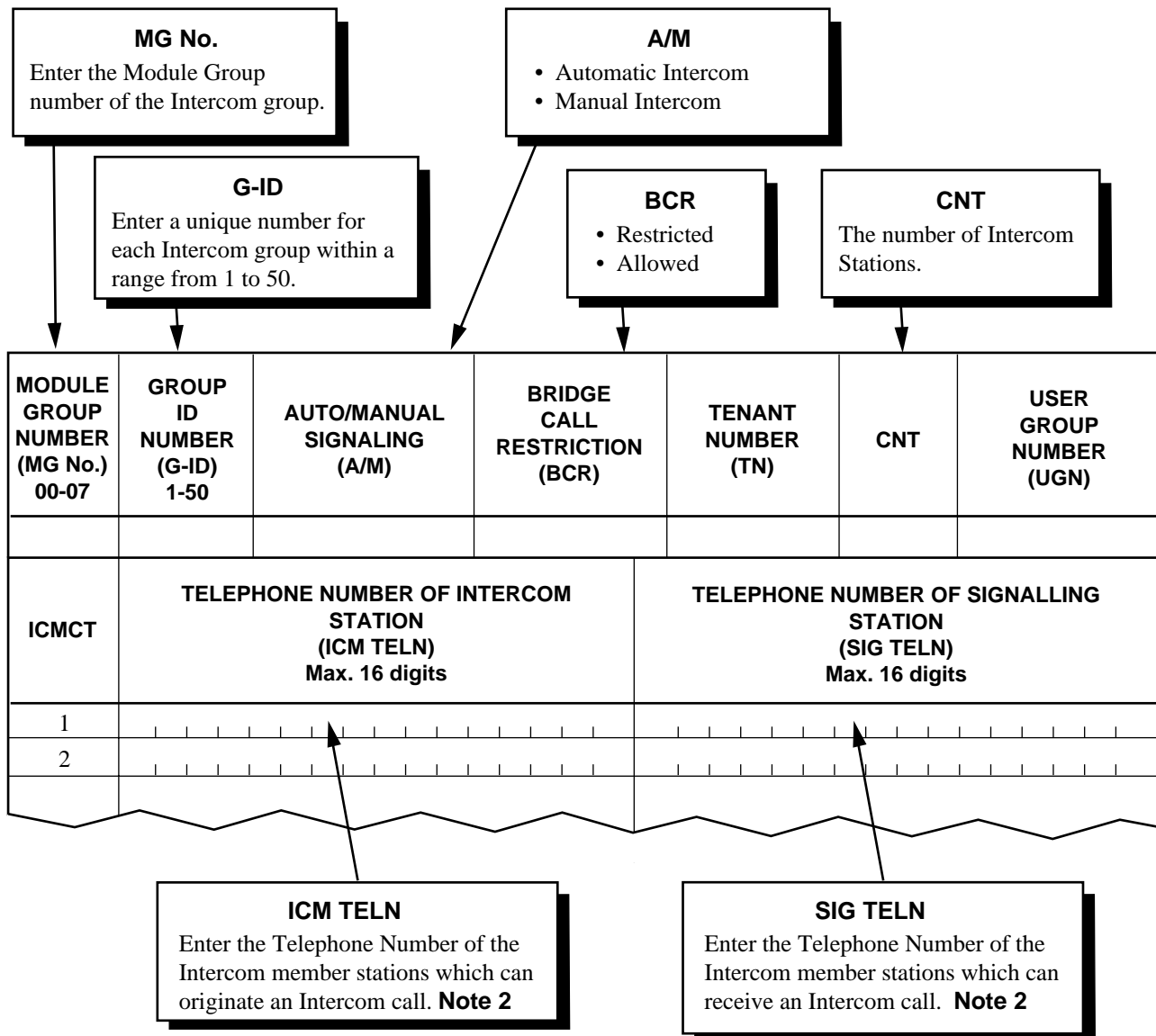
KYI=2, KD=1, ICM=0 (Automatic Intercom key)

KYI=2, KD=1, ICM=1 (Manual Intercom key)

If the SIG key is required for Manual Intercom service feature, KYI=1, FKY=60 (Manual Signaling key).

8. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX 8.
9. When you delete an Intercom member station away from the intercom group, you must first delete the data assigned by the AKYD command. Then you may delete the data assigned by this (AICD_N) command.
10. An Intercom member can override another Intercom station in a two-party Intercom connection. This kind of overriding is referred to as INTERCOM BRIDGE.

3. Data Entry Instructions



Note 1: The existing data can be readout by pressing “Get” button after MG No. and G-ID data is entered.

Note 2: When the existing Intercom Station is assigned only by Station Number, UGN data is not displayed on the list. Allocate the Telephone Numbers to all the Intercom stations.

4. Data Sheet

MODULE GROUP NUMBER (MG No.) 00-07	GROUP ID NUMBER (G-ID) 1-50	AUTO/MANUAL SIGNALING (A/M)	BRIDGE CALL RESTRICTION (BCR)	TENANT NUMBER (TN)	CNT	USER GROUP NUMBER (UGN)
ICMCT	TELEPHONE NUMBER OF INTERCOM STATION (ICM TELN) Max. 16 digits			TELEPHONE NUMBER OF SIGNALLING STATION (SIG TELN) Max. 16 digits		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
MG No. 00-07	G-ID 1-50	A/M	BCR	TN	CNT	UGN
ICMCT	ICM TELN Max. 16 digits			SIG TELN Max. 16 digits		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

ADIM: Assignment of Dial Intercom Data

1. General

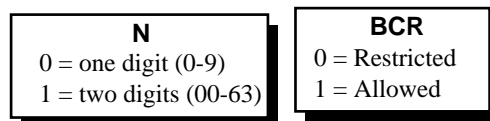
This command assigns Dial Intercom service related data.

2. Precautions

- To provide Dial Intercom Service, it is necessary to assign the following data in advance:
ASYD command, SYS1, Index 59, b7 = 1
- The number of D^{term} stations that can be accommodated in a Dial Intercom Group and also the number of digits for Call Number (Dial Intercom STN) are determined by parameter N (Dial Intercom Digit Number).
- When N = 0 is entered, a maximum of 10 Intercom Station Numbers can be assigned.
When N = 1 is entered, a maximum of 64 Intercom Station Numbers can be assigned.
- The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
- Enter “My Line” Station Number of D^{term} in the ICMSTN (Dial Intercom Station Number) parameter.
- Compose a Dial Intercom Group with D^{term} stations of the same Tenant Number (TN) under the same Module Group (MG).
- From 1 to 50 Dial Intercom Groups can be composed on each Module Group (MG) basis.
- An Intercom member can override another Intercom station in a two-party Intercom connection. This kind of overriding is referred to as INTERCOM BRIDGE.

3. Data Entry Instructions

MODULE GROUP NUMBER (MG No.)		GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N) 0/1	BRIDGE CALL RESTRICTION (BCR) 0/1	TENANT NUMBER (TN)	REMARKS
ICMCT	INTERCOM STATION NUMBER (ICM STN)		ICMCT	INTERCOM STATION NUMBER (ICM STN)		REMARKS
0			5			
1			6			



4. Data Sheet

(a) Dial Intercom Digit Number: One digit (N = 0)

MODULE GROUP NUMBER (MG No.)	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N=0) ONE DIGIT	BRIDGE CALL RESTRICTION (BCR) 0/1	TENANT NUMBER (TN)	REMARKS
0		0			

NUMBER OF INTERCOM STN (ICMCT)	INTERCOM STATION NUMBER (ICM STN)	NUMBER OF INTERCOM STN (ICMCT)	INTERCOM STATION NUMBER (ICM STN)	REMARKS
0		5		
1		6		
2		7		
3		8		
4		9		

MODULE GROUP NUMBER (MG No.)	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N=0) ONE DIGIT	BRIDGE CALL RESTRICTION (BCR) 0/1	TENANT NUMBER (TN)	REMARKS
0		0			

NUMBER OF INTERCOM STN	INTERCOM STATION NUMBER (ICM STN)	NUMBER OF INTERCOM STN	INTERCOM STATION NUMBER (ICM STN)	REMARKS
0		5		
1		6		
2		7		
3		8		
4		9		

ADIM : Assignment of Dial Intercom Data

(b) Dial Intercom Digits Number: Two digits (N = 1)

MODULE GROUP NUMBER (MG No.)	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N) 0/1	BRIDGE CALL RESTRICTION (BCR) 0/1	TENANT NUMBER (TN)	REMARKS
		1			
NUMBER OF INTERCOM STN (ICM CT)	INTERCOM STATION NUMBER (ICM STN)	NUMBER OF INTERCOM STN (ICM CT)	INTERCOM STATION NUMBER (ICM STN)	REMARKS	
00		32			
01		33			
02		34			
03		35			
04		36			
05		37			
06		38			
07		39			
08		40			
09		41			
10		42			
11		43			
12		44			
13		45			
14		46			
15		47			
16		48			
17		49			
18		50			
19		51			
20		52			
21		53			
22		54			
23		55			
24		56			
25		57			
26		58			
27		59			
28		60			
29		61			
30		62			
31		63			

ADIM_T : Assignment of Dial Intercom Data – Telephone Number

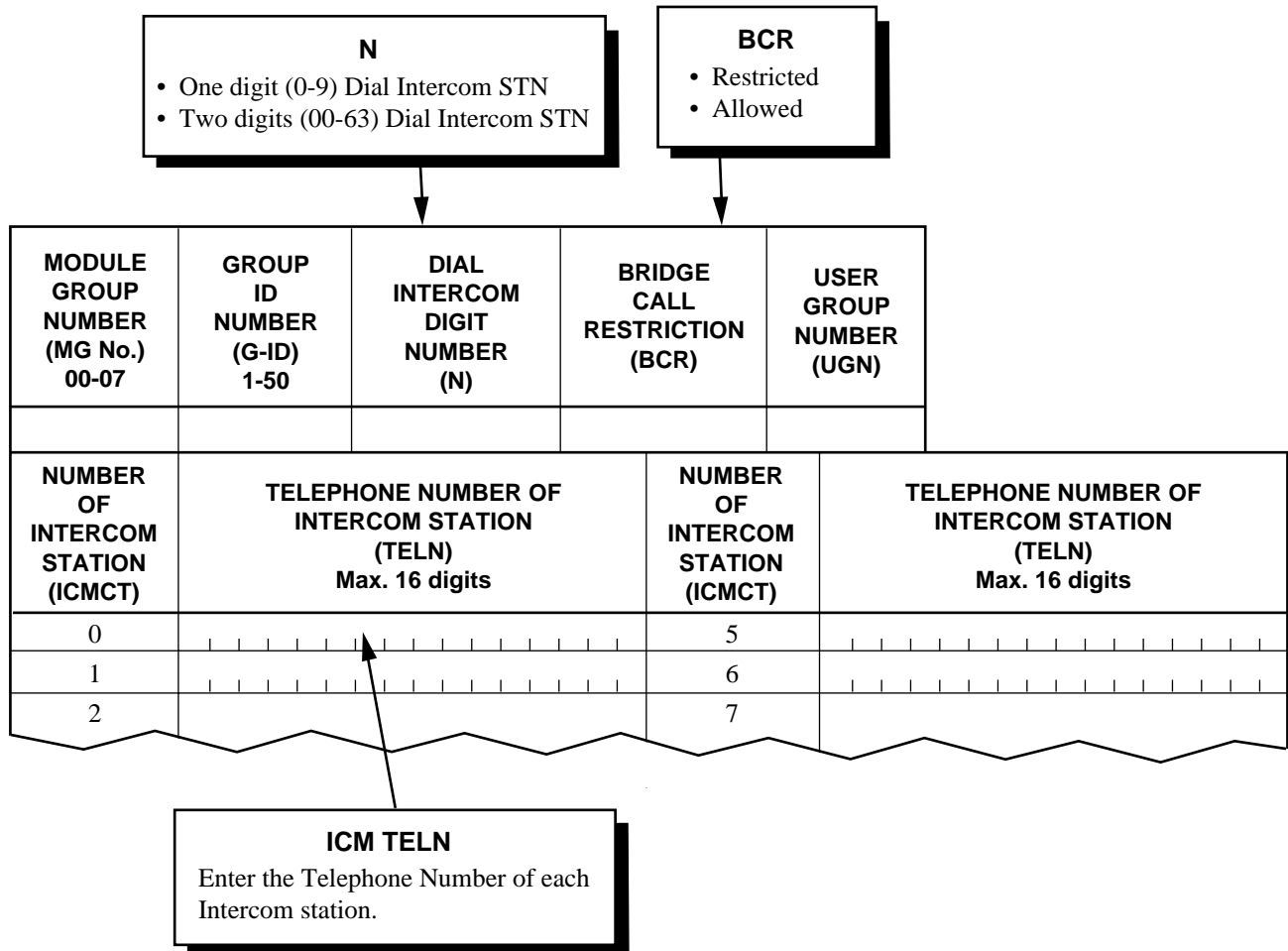
1. General

This command is used to assign Dial Intercom service related data. The station data of ADIM command can be assigned by using Telephone Number instead.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. To provide Dial Intercom Service, it is necessary to assign the following data in advance:
ASYD command, SYS1, INDEX 59, b7=1
4. The number of D^{term} stations that can be accommodated in a Dial Intercom Group and also the number of digit for Call Number (Dial Intercom STN) are determined by parameter N (Dial Intercom Digit Number).
5. When N=0 is entered, a maximum of 10 Intercom Station Numbers can be assigned.
When N=1 is entered, a maximum of 64 Intercom Station Numbers can be assigned.
6. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX 8.
7. Enter “My Line” Station Number of D^{term} in the ICMSTN (Dial Intercom Station Number) parameter.
8. Compose a Dial Intercom Group with D^{term} stations of the same Tenant Number (TN) under the same Module Group (MG).
9. From 1 to 50 Dial Intercom Groups can be composed on each Module Group (MG) basis.
10. An Intercom member can override another Intercom station in a two-party Intercom connection. This kind of overriding is referred to as INTERCOM BRIDGE.

3. Data Entry Instructions



Note: The existing data can be readout by pressing “Get” button after UGN and TELN data is entered.

4. Data Sheet

(a) Dial Intercom Digit Number: N = One digit (0-9) Dial Intercom STN

MODULE GROUP NUMBER (MG No.) 00-07	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N)	BRIDGE CALL RESTRICTION (BCR)	USER GROUP NUMBER (UGN)
NUMBER OF INTERCOM STATION (ICMCT)	TELEPHONE NUMBER OF INTERCOM STATION (TELN) Max. 16 digits	NUMBER OF INTERCOM STATION (ICMCT)	INTERCOM TELEPHONE NUMBER (TELN) Max. 16 digits	
0		5		
1		6		
2		7		
3		8		
4		9		

MODULE GROUP NUMBER (MG No.) 00-07	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N)	BRIDGE CALL RESTRICTION (BCR)	USER GROUP NUMBER (UGN)
NUMBER OF INTERCOM STATION (ICMCT)	TELEPHONE NUMBER OF INTERCOM STATION (TELN) Max. 16 digits	NUMBER OF INTERCOM STATION (ICMCT)	INTERCOM TELN NUMBER (TELN) Max. 16 digits	
0		5		
1		6		
2		7		
3		8		
4		9		

ADIM_T : Assignment of Dial Intercom Data – Telephone Number

(b) Dial Intercom Digits Number: N = Two digits (00-63) Dial Intercom STN

MODULE GROUP NUMBER (MG No.) 00-07	GROUP ID NUMBER (G-ID) 1-50	DIAL INTERCOM DIGIT NUMBER (N)	BRIDGE CALL RESTRICTION (BCR)	USER GROUP NUMBER (UGN)
NUMBER OF INTERCOM STATION (ICMCT)	TELEPHONE NUMBER OF INTERCOM STATION (TELN) Max. 16 digits	NUMBER OF INTERCOM STATION (ICMCT)	TELEPHONE NUMBER OF INTERCOM STATION (TELN) Max. 16 digits	
00		32		
01		33		
02		34		
03		35		
04		36		
05		37		
06		38		
07		39		
08		40		
09		41		
10		42		
11		43		
12		44		
13		45		
14		46		
15		47		
16		48		
17		49		
18		50		
19		51		
20		52		
21		53		
22		54		
23		55		
24		56		
25		57		
26		58		
27		59		
28		60		
29		61		
30		62		
31		63		

AIZP: Assignment of Internal Zone Paging Data

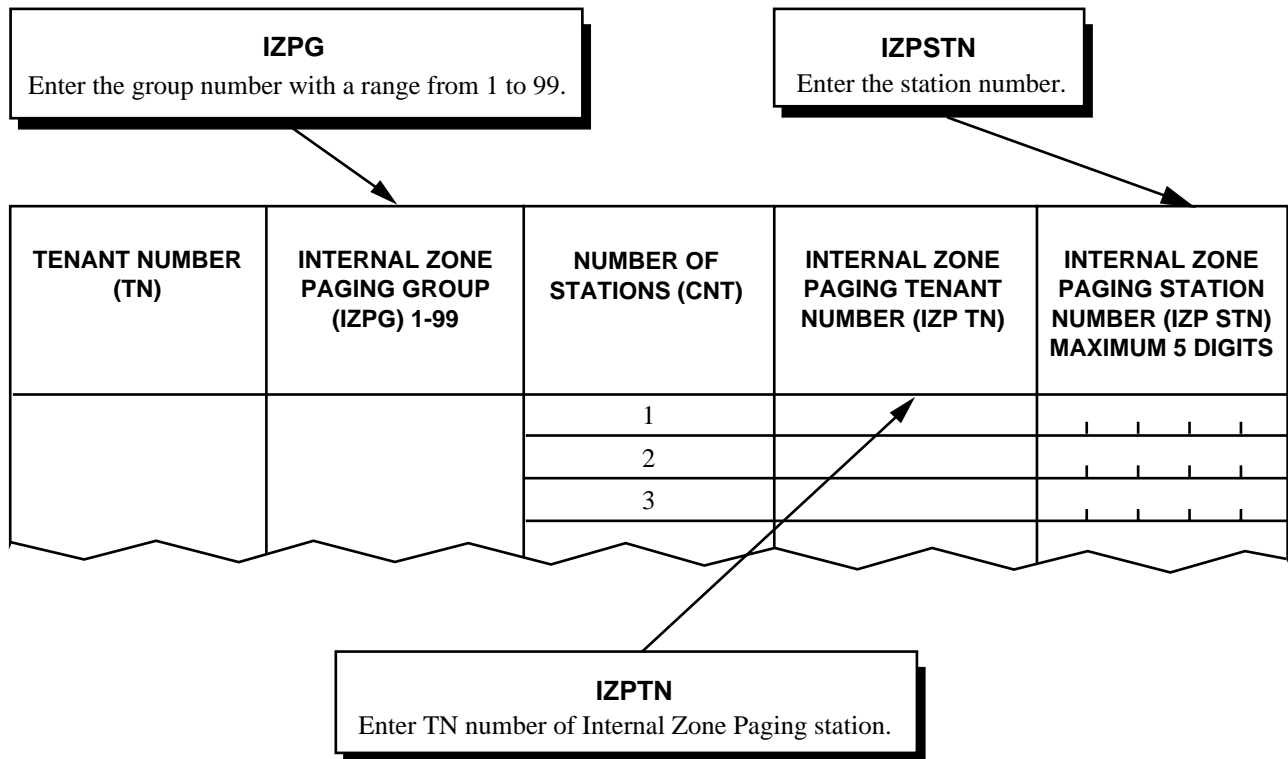
1. General

This command assigns Internal Zone Paging group data. If the designated group number has already been assigned, the current data is displayed. If new data is to be assigned, the old data must be deleted before entering new data.

2. Precautions

1. Each Internal Zone Paging group must be composed of D^{term} station (TEC = 12).
2. A maximum of 24 stations can be assigned to one Internal Zone Paging group.
3. A maximum of 99 groups can be assigned to one tenant.
4. One D^{term} station can be assigned to multiple Internal Zone Paging groups.
5. Regardless of the tenant data table development, any D^{term} station in the system can be assigned to an Internal Zone Paging group.

3. Data Entry Instructions



AIZP : Assignment of Internal Zone Paging Data

4. Data Entry Instructions

TENANT NUMBER (TN)	INTERNAL ZONE PAGING GROUP (IZPG) 1-99	NUMBER OF STATIONS (CNT)	INTERNAL ZONE PAGING TENANT NUMBER (IZP TN)	INTERNAL ZONE PAGING STATION NUMBER (IZP STN) MAXIMUM 5 DIGITS
		1		| | | | |
		2		| | | | |
		3		| | | | |
		4		| | | | |
		5		| | | | |
		6		| | | | |
		7		| | | | |
		8		| | | | |
		9		| | | | |
		10		| | | | |
		11		| | | | |
		12		| | | | |
		13		| | | | |
		14		| | | | |
		15		| | | | |
		16		| | | | |
		17		| | | | |
		18		| | | | |
		19		| | | | |
		20		| | | | |
		21		| | | | |
		22		| | | | |
		23		| | | | |
		24		| | | | |

AIZPN: Assignment of Internal Zone Paging Data for NDM

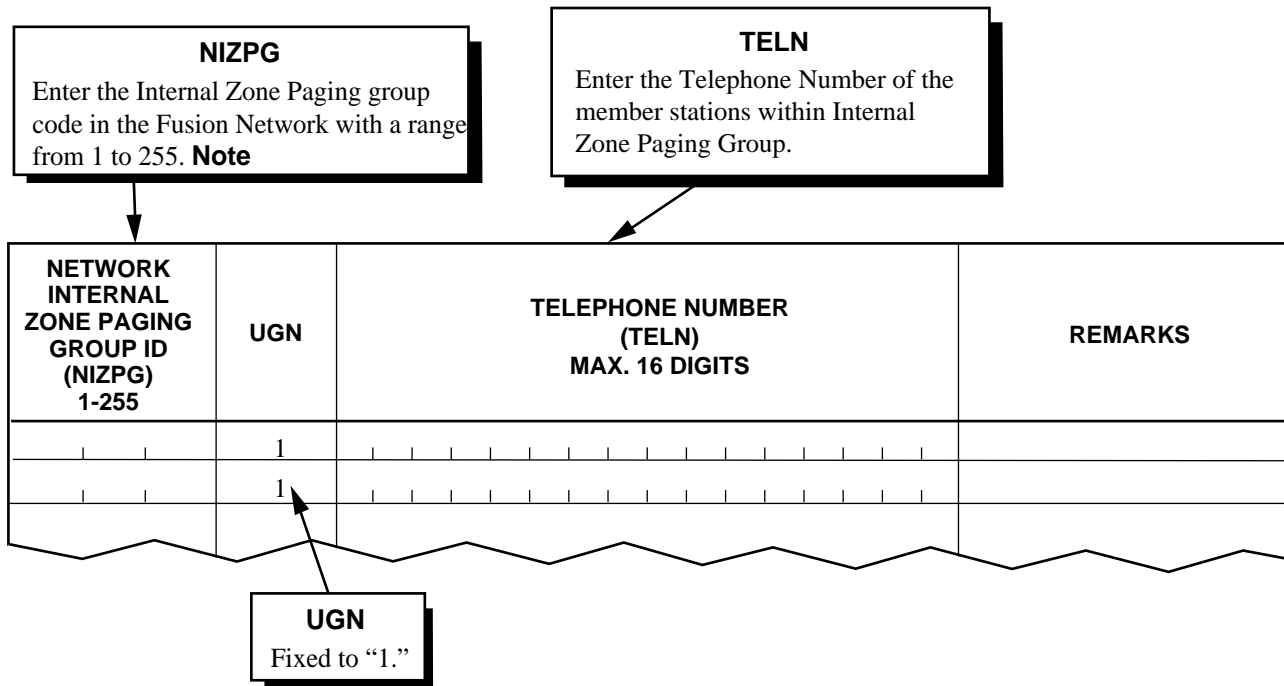
1. General

This command is used to assign Internal Zone Paging group data in Fusion Network. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Each Internal Zone Paging group must be composed of D^{term} station (TEC=12).
2. A maximum of 255 Internal Zone Paging groups can be assigned in one Fusion Network.
3. A maximum of 24 stations can be assigned to one Internal Zone Paging group.
4. One D^{term} station can be assigned to multiple Internal Zone Paging group.
5. It is not available to arrange the member stations of an Internal Zone Paging group stretching over multiple Nodes.

3. Data Entry Instructions



Note: The number of digit for Internal Zone Paging group ID is determined by the ASYDL/N SYS1, INDEX804, b3 0/1: 2 digits/3 digits.

AHLS: Assignment of Hot Line Station

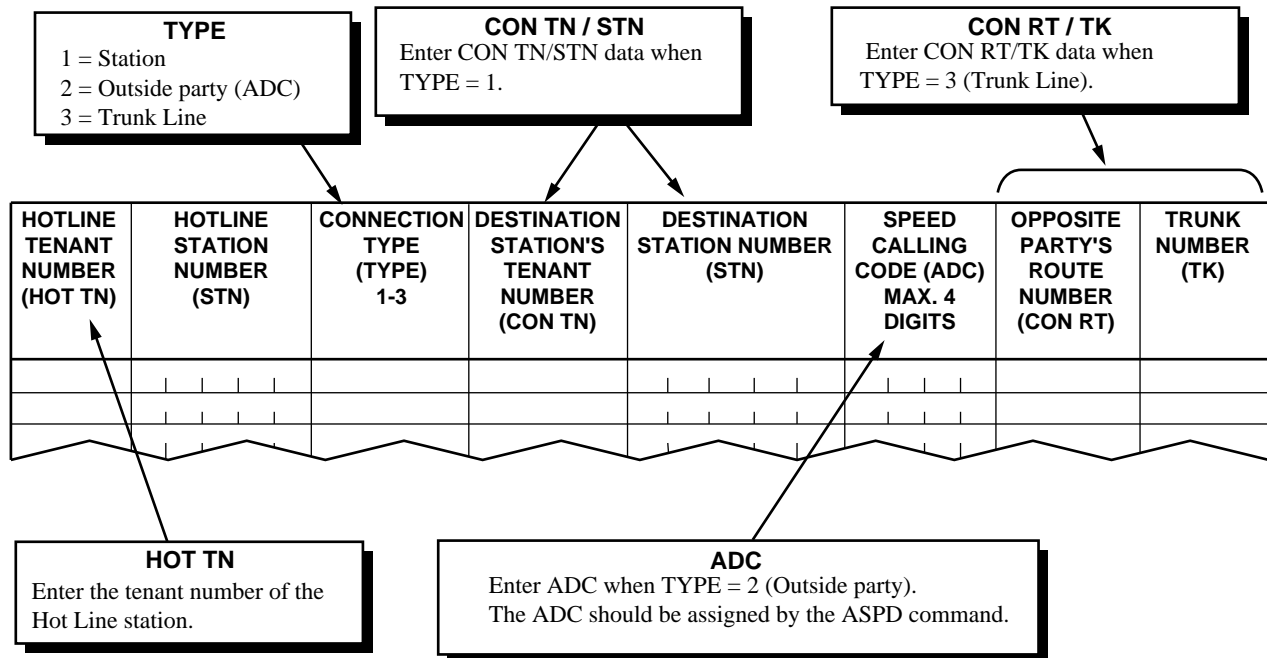
1. General

This command assigns the data related to the Hot Line service feature.

2. Precautions

1. Prior to assigning this command, the Hot Line station should be given the TEC = 14 (Hot Line class) by the ASDT/AAST command. Additionally, TEC = 13 (Data Terminal via D^{term}) and TEC = 18 (Virtual Line Appearance) can also be applied to the Hot Line service.
2. If you want to delete the station which applied Hot Line service, delete the Hot Line data using the AHLS command prior to deleting the station number by the ASDT/AAST command.
3. When the Hot Line destination is the outside party, assign the Abbreviation Digit Code (ADC) of the speed calling number using the ASPD command.

3. Data Entry Instructions



AHLS : Assignment of Hot Line Station

4. Data Sheet

(a) Connection Type: Station (Type = 1)

HOTLINE TENANT NUMBER (HOT TN)	HOTLINE STATION NUMBER (STN)	TYPE	DESTINATION STATION'S TENANT NUMBER (CON TN)	DESTINATION STATION NUMBER (STN)	REMARKS
	|_|_|_|_|_|_|_|	1		|_|_|_|_|_|_|_|	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	
	_ _ _ _ _ _ _			_ _ _ _ _ _ _	

(b) Connection Type: Abbreviated Digit Code (ADC) (Type = 2)

HOTLINE TENANT NUMBER (HOT TN)	HOTLINE STATION NUMBER (STN)	TYPE	DESTINATION STATION'S TENANT NUMBER (CON TN)	SPEED CALLING CODE (ADC) MAX. 4 DIGITS	REMARKS
		2			

AHLSN: Assignment of Hot Line Station for NDM

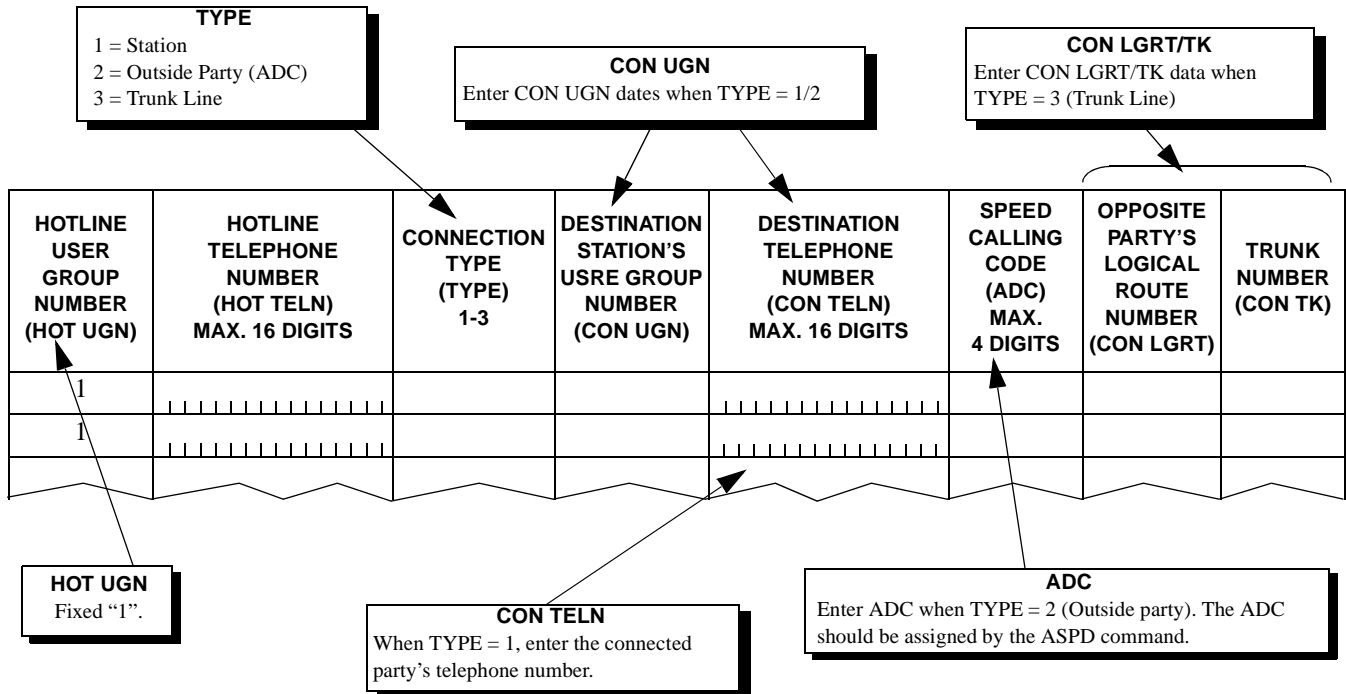
1. General

This command assigns the data related to the Hot Line service feature. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Prior to assigning this command, the Hot Line station should be given the TEC = 14 (Hot Line class) using the ASDT command. Additionally, TEC = 13 (Data Terminal via D^{term}) and TEC = 18 (Virtual Line Appearance) can also apply the Hot Line service.
2. If you want to delete the station that applied Hot Line service, delete the Hot Line data using this command prior to deleting the station number using the ASDT command.
3. When the Hot Line destination is the outside party, assign the Abbreviation Digit Code (ADC) of the speed calling number using the ASPD command.

3. Data Entry Instructions



4. Data Sheet

(a) Connection Type: Station (Type = 1)

HOTLINE USER GROUP NUMBER (HOT UGN)	HOTLINE TELEPHONE NUMBER (HOT TELN) MAX. 16 DIGITS	TYPE	DESTINATION STATION'S USER GROUP NUMBER (CON UGN)	DESTINATION TELEPHONE NUMBER (CON TELN)
		1		

(b) Connection Type: Abbreviated Digit Code (ADC) (Type = 2)

HOTLINE USER GROUP NUMBER (HOT UGN)	HOTLINE TELEPHONE NUMBER (HOT TELN)	TYPE	DESTINATION'S USER GROUP NUMBER (CON UGN)	SPEED CALLING CODE (ADC) MAX. 4 DIGITS	REMARKS
		2			

AHLSN : Assignment of Hot Line Station for NDM

(c) Connection Type: Trunk Line Appearance (Type = 3)

HOTLINE USER GROUP NUMBER (HOT UGN)	HOTLINE TELEPHONE NUMBER (HOT TELN)	TYPE	DESTINATION STATION'S LOGICAL ROUTE NUMBER (CON LGRT)	OPPOSITE PARTY'S TRUNK NUMBER (TK)
		3		

ADA1_T : Assignment of DTE Attribute Data 1 – Telephone Number

1. General

This command is used to assign and delete Attribute Data 1 for each terminal (DTE). Attribute Data 1 is stored as the office data of the switching unit, and is rarely modified in normal operation. Attribute Data 2, on the other hand, is stored on the data terminal side and is modified in the course of operation. The station data can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. This data can be set for the following TEC (Telephone Equipment Class):

TEC = 13 (DTE via D^{term})

Refer to ASDT/AAST command.

3. Data Entry Instructions

See the data sheet in Section 4.

4. Data Sheet

CDN	User Group Number (UGN)				
	Telephone Number (TELN) Max. 16 digits				
1	MEDIA	Media (1-15) 1=Voice 2=Data 3=FAX 4=Telex 5=Teletex 6=Image 7-15=Not used			
2	CNTP	Connection Protocol (0-15) 0=ICS Protocol 1=X.20 2=X.21 3=V.24 200 Series 4=X.20 bis 5=X.21 bis 6-15=Not used			
3	TCP	Transmission Control Protocol (0-255) 0=Free Wheeling 1=Synchronous Non Protocol 2=X.25 3=X.75 4=IBM2780 5=IBM3740 6=IBM3770 7=IBM3780 8=IBM BSC Polled (3270 Terminal) 9=IBM BSC Polling (3270 HOST) 10=IMB SDLC Polled (3270 Terminal) 11=IMB SDLC Polling (3270 HOST) 12=Teletex 13=Telex 14=FAX G3 MH 15=FAX G3 MR 16=FAX G4 MH 17=FAX G4 MR 18-255=Not used			
4	FCY	Facility (0-3) 0=Bothway 1=Outgoing 2=Incoming 3=Not used			
5	PRI	Priority (0/1) 0=Outgoing 1=Incoming			
6	RST	Restriction (0/1) 0=Connection is restricted 1=Connection is not restricted			
7	SRP	Send Receive Priority (0/1) 0=Data Receive Priority for Called Party 1=Data Send Priority for Called Party			
8	CI	CI Signal Control (0/1)(1 digit fix) 0=CI Signal Interval Control 1=CI Signal Continuous Control			

Note: The existing data can be readout by pressing “Get” button after UGN and TELN is entered.

ADA2: Assignment of DTE Attribute Data 2

1. General

This command assigns the Attribute Data for the data communication service feature of the Data Adapter (DA) with the D^{term} and/or the Data Module (DM).

2. Precautions

When the designated station is not a DTE (DA/DM), the Attribute Data cannot be assigned and an error code will result.

3. Data Entry Instructions

See data sheet in Section 4.

4. Data Sheet

CDN	TENANT NUMBER (TN)				
	FUNCTION	STATION NUMBER (STN)			
1	DTR (ER) CONTROL (DTR) 0 = Check 1 = No Check				
2	AUTO ANSWER (AUTO) 0 = Manual Answer 1 = Auto Answer				
3	MODEM No. FOR ORIGINATING (MDM1) 0 = No MODEM 1-8= MODEM Number				
4	MODEM No.FOR INCOMING (MDM2) 0 = No MODEM 1-8= MODEM Number				
5	BIT SPEED RATE (SPD) 0 = 50 bps 1 = 75 bps 2 = 110 bps 3 = 150 bps 4 = 200 bps 5 = 300 bps 6 = 600 bps 7 = 1200 bps 8 = 2400 bps 9 = 4800 bps 10 = 9600 bps 11 = 19.2 K bps 12 = 48 K bps (SYNC) 13 = 56 K bps (SYNC) 14 = 64 K bps (SYNC) 15-31=Not used				
6	PARITY ADDITION (PRTY) 0 = No Parity 1 = Parity				
7	ASYNCHRONOUS (ASYC) 0 = Asynchronous 1 = Synchronous				
8	HALF/FULL DUPLEX (HDX) 0 = Full Duplex 1 = Half Duplex				
9	STOP BIT (STOP) 0 = 1 bit 1 = 2 bit				

CDN	TENANT NUMBER (TN)				
	FUNCTION	STATION NUMBER (STN)			
10	APPLICATION CODE (CODE) 0 = No Character 1 = ASCII (7-bit) Even Parity 2 = ASCII (7-bit) Odd Parity 3 = ASCII (7-bit) Parity is "0" 4 = ASCII (7-bit) Parity is "1" 5 = JIS (7-bit) Even Parity 6 = JIS (7-bit) Odd Parity 7 = JIS (8-bit) 8 = EBCDIC (8-bit) 9 = IA#5 (7-bit) 10 = ITA#2 (5-bit) 11 = EBCD 12-15=Not used				
11	PROFILE NUMBER (PRFN) 0-63				
12	HOT LINE TERMINAL (HL) 0 = No Hotline 1 = Hotline				
13	HOT LINE ORIGINATE (HTL) 0 = DTR (ER) Signal On 1 = Normal Origination				
14	KIND OF RA(RA) 0 = PROTIMS 1 = PROTIMS 2 = DMI Mode 2 3 = PROTIMS 4 = V. 110 5 = V. 120 6 = X. 30 7-15= Not used Note: <i>In the case of PROTIMS, assign "0."</i>				

ADA2_T : Assignment of DTE Attribute Data 2 – Telephone Number

1. General

This command is used to assign the Attribute Data for the data communication service feature of the data adapter (DA) with the D^{term} and/or the data module (DM). The station data of ADA2 command can be assigned by using Telephone Number instead.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network can be written.
3. When the designated station is not a DTE (DA/DM), the Attribute Data cannot be assigned and error code will result.

3. Data Entry Instructions

See data sheet in Section 4.

4. Data Sheet

CDN	User Group Number (UGN)				
	Telephone Number (TELN) Max. 16 digits				
1	DTR	DTR (ER) Control (0/1) 0=Check 1=No Check			
2	AUTO	Auto Answer (0/1) 0=Manual Answer 1=Auto Answer			
3	MDM1	Outgoing MODEM Number (0-8) 0=No MODEM 1-8=MODEM Number			
4	MDM2	Incoming MODEM Number (0-8) 0=No MODEM 1-8=MODEM Number			
5	SPD	Bit Speed Rate (0-31) 0=50 bps 1=75 bps 2=110 bps 3=150 bps 4=200 bps 5=300 bps 6=600 bps 7=1200 bps 8=2400 bps 9=4800 bps 10=9600 bps 11=19.2 Kbps 12=48.0 Kbps 13=56.0 Kbps 14=64 Kbps 15-31=Not used			
6	PRTY	Parity Addition (0/1) 0=No Parity 1=Parity			
7	ASYC	Asynchronous (0/1) 0=Asynchronous 1=Synchronous			
8	HDX	Half/Full Duplex (0/1) 0=Full Duplex 1=Half Duplex			
9	STOP	Stop Bit (0/1) 0=1 bit 1=2 bit			
10	CODE	Application Code (0-15) 0=No Character 1=ASCII (7-bit) Even Parity 2=ASCII (7-bit) Odd Parity 3=ASCII (7-bit) Parity is "0" 4=ASCII (7-bit) Parity is "1" 5=JIS (7-bit) Even Parity 6=JIS (7-bit) Odd Parity 7=JIS (8-bit) 8=EBCDIC (8-bit) 9=IA #5 (7-bit) 10=ITA #2 (5-bit) 11=EBCD 12-15=Not used			

Note: The existing data can be readout by pressing "Get" button after UGN and TELN is entered.

ADA2_T : Assignment of DTE Attribute Data 2 – Telephone Number

CDN	User Group Number (UGN)				
	Telephone Number (TELN) Max. 16 digits				
11	PRFN	Profile Number (0-63)			
12	HL	Hot Line Terminal (0/1) 0=No Hot Line 1=Hot Line			
13	HLT	Hot Line Originate (0/1) 0=DTR (ER) Signal ON 1=Normal Originate Operation			
14	RA	Kind of RA (0-15) 0=PROTIMS 1=PROTIMS 2=DMI Mode2 3=PROTIMS 4=V. 110 5=V. 120 6=X. 30 7-15=Not used Note: <i>In case of "PROTIMS", assign "0".</i>			

AFCD: Assignment of Fixed Connection-Nailed Down Connection-Data

1. General

This command assigns (connect link), deletes (release link), and displays the data (linked LENS) pertaining to Fixed Connections (Nailed Down Connections).

2. Precautions

- The Nailed Down connections available among the following circuit cards/terminals.

Single Line station (Line circuit)

D^{term} (ELC/DLC)

Trunk (DTI, etc.)

Conference Trunk (CFT)

Digital Signaling Trunk (DST)

MODEM Trunk (MDMT)

Data Module (DTL)

- The status of the link is supervised periodically by the system. If the link is not in a “Nailed Down Connection,” the link is forcibly released and reconnected.
- The port specified by the LENS-A parameter and LENS-B parameter are “Nailed Down,” with respect to the EAD-A parameter and EAD-B parameter.
- The EAD-A parameter and EAD-B parameter should be entered by the hexadecimal value as explained in [Table 4-19](#).

Table 4-19 EAD-A and EAD-B Parameters

KIND OF TERMINAL	BIT No.	CONTENTS	REMARKS		
TRUNK	b ₀	PAD CONTROL	Note 1		
	b ₁				
	b ₂	$\begin{array}{ccc} b_2 & b_1 & b_0 \\ \hline 0 & 0 & 0 : \text{by dip sw} \\ 0 & 0 & 1 : 2\text{dB} \\ 0 & 1 & 0 : 4\text{dB} \\ 0 & 1 & 1 : 11/12 \text{ dB} \end{array}$		$\begin{array}{ccc} b_2 & b_1 & b_0 \\ \hline 1 & 0 & 0 : 11/15 \text{ dB} \\ 1 & 0 & 1 : \\ 1 & 1 & 0 : \\ 1 & 1 & 1 : \text{PAD OFF} \end{array}$	
		b ₃		0/1: Note 2	
		b ₄ -b ₇		Not used	

Table 4-19 EAD-A and EAD-B Parameters (Continued)

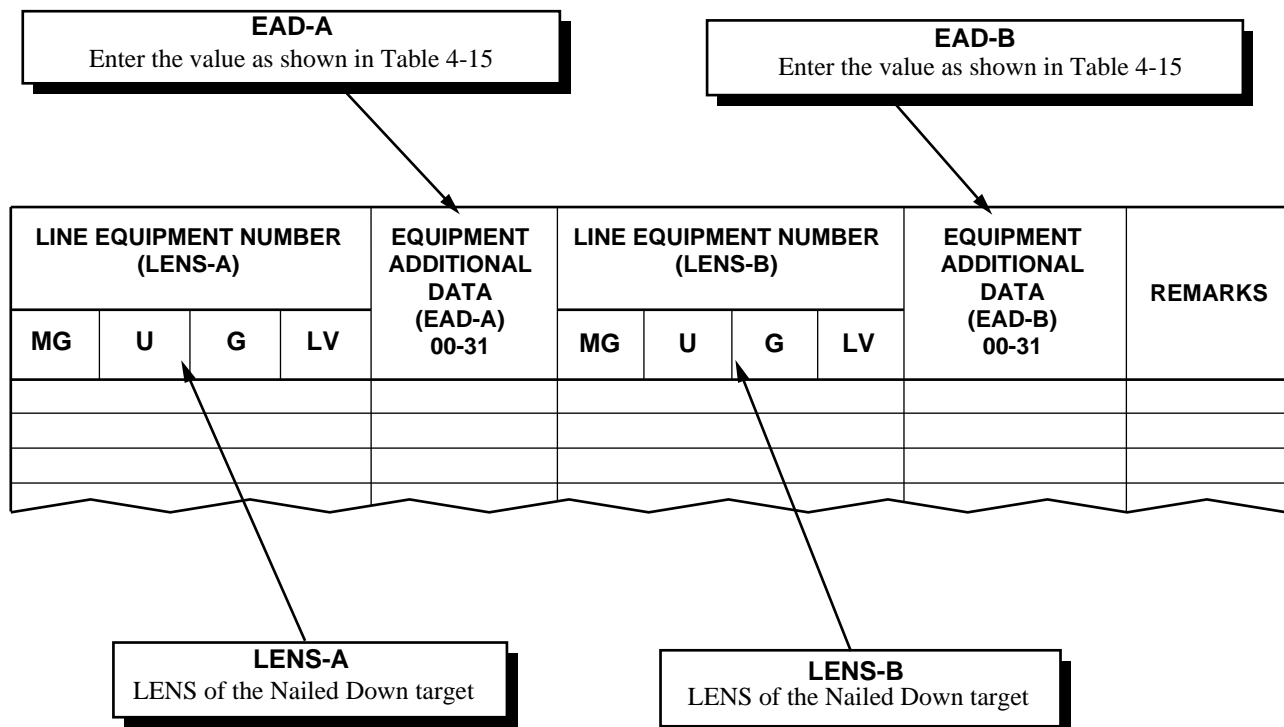
KIND OF TERMINAL	BIT No.	CONTENTS	REMARKS
LINE	b ₀	0/1 : Reverse OFF/ON	
	b ₁	0/1 : PAD OFF/ON	
	b ₂	Not used	
	b ₃		
	b ₄ -b ₇		

Note 1: When DTI is used for Data Communication, Pad Data must be “7” (binary 111).

Note 2: When bit stealing (signaling bit) is used in DTI, signaling bit (CD RS bit) is lost.

0/1 = -/To inhibit stealing bit (signaling bit) per channel in DTI

3. Data Entry Instructions



4. Data Sheet

LINE EQUIPMENT NUMBER (SIDE A) (LENS-A)				EQUIPMENT ADDITIONAL DATA (EAD-A)	LINE EQUIPMENT NUMBER (SIDE B) (LENS-B)				EQUIPMENT ADDITIONAL DATA (EAD-B)	REMARKS
MG	U	G	LV		MG	U	G	LV		

ARTD: Assignment of Route Class Data

1. General

This command assigns the Route Class Data.

2. Precautions

1. The ARTD command should be assigned for all external trunk routes and the dummy route for LCR/LCRS.
2. The applicable number of the external trunk route is designated by the ASYD command, SYS1, INDEX65.
3. The standard route class data is shown in the example. (which is listed after the parameter descriptions)
4. Parameters TCMN through MT are effective only when 4 (MF) is assigned to parameter ONSG or INSG. For all other trunk routes, assign "0" to all of these data.

3. Data Entry Instructions

See data sheet in Section 4.

4. Data Sheet

FUNCTION		RT					REMARKS
1	OSGS	Signal Interface for Outgoing 0 = CCIS No.7 1 = RingDown 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink start) 8-15= Not used					Note: <i>The select signal in ONSG should be "DP."</i>
2	ONSG	Signal Selection for Outgoing 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15= Not used					
3	ISGS	Signal Interface for Incoming 0 = CCIS No.7 1 = Ring Down 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink Start) 8-15= Not used					Note: <i>The select signal in INSG should be "DP."</i>
4	INSG	Signal Selection for Incoming 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15= Not used					
5	TF	Type of Trunk Function 0 = Not used 1 = Outgoing Trunk (OGT) 2 = Incoming Trunk (ICT) 3 = Bothway Trunk (BWT)					

ARTD : Assignment of Route Class Data

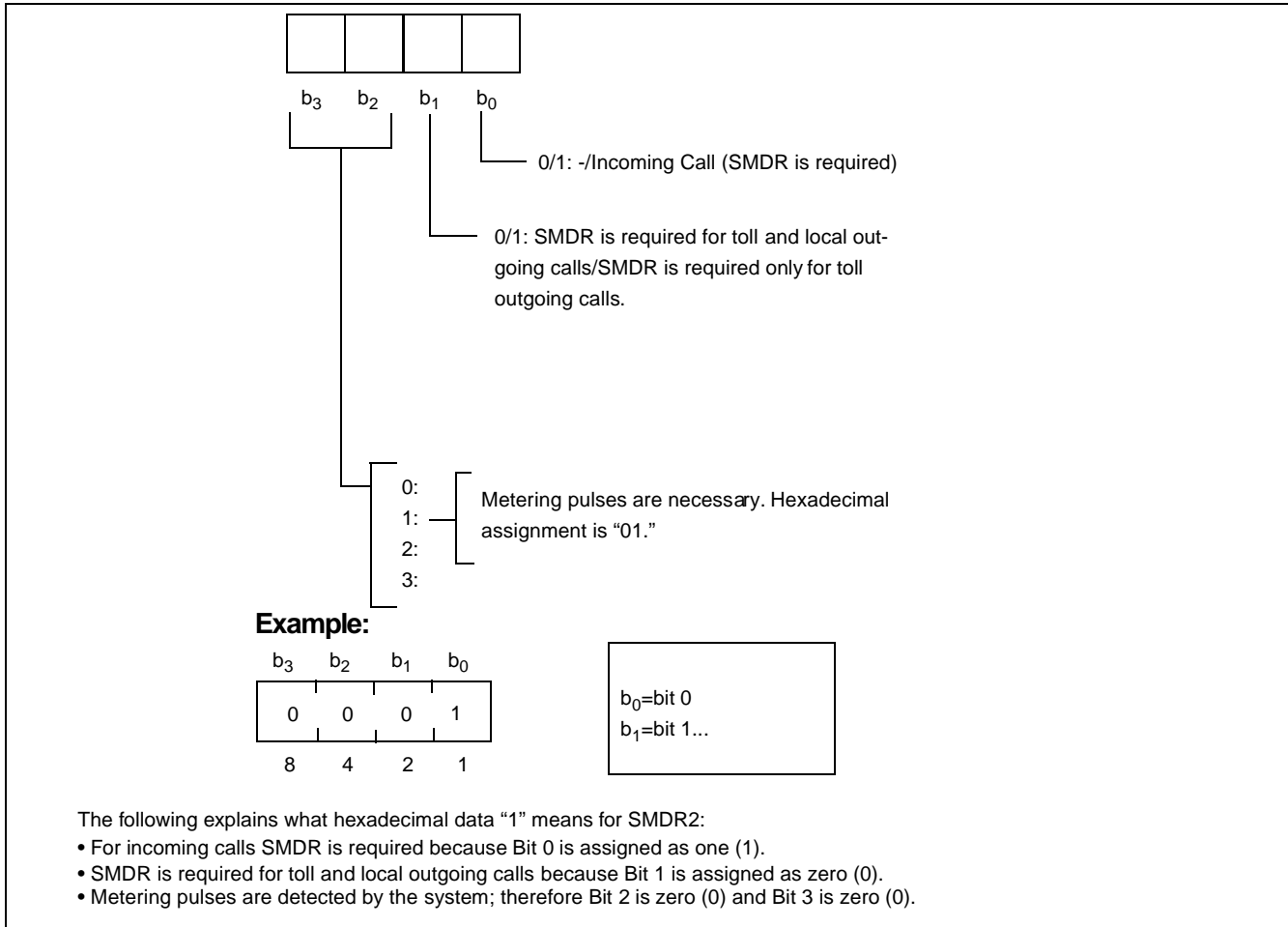


Figure 4-15 SMDR2

FUNCTION		RT						REMARKS
1	OSGS	Signal Interface for Outgoing 0 = CCIS No.7 1 = RingDown 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink start) 8-15= Not used						Note: <i>The select signal in ONSG should be "DP."</i>
2	ONSG	Signal Interface for Outgoing 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15= Not used						
3	ISGS	Signal Interface for Incoming 0 = CCIS No.7 1 = Ring Down 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink Start) 8-15= Not used						Note: <i>The select signal in INSG should be "DP."</i>
4	INSG	Signal Selection for Incoming 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15= Not used						
5	TF	Type of Trunk Function 0 = Not used 1 = Outgoing Trunk (OGT) 2 = Incoming Trunk (ICT) 3 = Bothway Trunk (BWT)						

ARTD : Assignment of Route Class Data

FUNCTION			RT						REMARKS
6	TCL	Trunk Class Specify the kind of trunk 1 = DDD Line 2 = FX 3 = WATS Line 4 = Tie Line/Announcement Trunk 5 = CCSA 6 = Toll Terminal 7 = CAS Line 8 = Paging 9 = Code Call Trunk 10 = Dictation Trunk 11 = General Paging 12 = Radio Paging Trunk 13 - 31 = Not used							
7	L/T	Line/Trunk Identification 0 = Not used (Line) 1 = Trunk	1	1	1	1	1	1	Always assign data "1."
8	RLP	Trunk Release Pattern 0 = Calling Party Release (Outgoing only) 1 = Not used 2 = First Party Release (either station or trunk side) 3 = Not used							
9	TQ	Outgoing Trunk Queuing 0 = Out of Service 1 = In Service							
10	SMDR	Detailed Billing Information 0 = SMDR Out of Service 1 = SMDR In Service (ORT required for receiving all dialed digits)							
11	TD	Tool Denial Battery Reversal	0	0	0	0	0	0	Always assign data "0."
12	DR	Distinctive Ringing Pattern This parameter designates whether distinctive ringing will be provided for an incoming call. 0 = Distinctive Ringing is not required (ASYD, SYS 3, Index 3, Bit 0=0) 1 = Distinctive Ringing is required (ASYD, SYS 3, Index 3, Bit 0=1)							
13	AC	Flexible Routing Pattern Designation When outgoing route selection pattern number is to be determined by the AFRS command, "1" is to be assigned if the Access Code is included in the Number Pattern Code (NPC) 0 = When flexible routing is executed, numbers are translated excluding the Access Code 1 = When the flexible routing is executed, numbers are translated including the Access Code.							This data is valid for dummy routes. Assign data "1" for the dummy route.
14	TNT	Tenant Number Check 0 = Tenant number check is not required in trunk selection.							Always assign data "0."

FUNCTION		RT								REMARKS
15	LSG	Line Signal 0 = Loop 1 = Ground Start 2 = CDH 3 = Caller ID (Loop) 4 = Loop 5 = E&M 6 = DX 7 = 24V4 8 = Loop DID 9 - 11 = Not used 12 = Speech Line (for CCIS No. 7 or Bch of ISDN) 13 = Signal Line (for CCIS No. 7 or Dch of ISDN) 14-15 = Not used								
		C.O. Line Tie Line								
16	SMDR2	Detailed Billing Information								See Figure 4-15 and Table 4-20.
17	H/M	Hotel Service in CCIS No. 7 0 = Out of Service 1 = In Service								
18	MC		0	0	0	0	0	0	0	Always assign data "0."
19	ANI	E911 - ANI Service 0 = Out of Service 1 = In Service								
20	D		0	0	0	0	0	0	0	Always assign data "0."
21	MSB		0	0	0	0	0	0	0	Always assign data "0."
22	MSW		0	0	0	0	0	0	0	Always assign data "0."
23	TR	0 = - 1 = ICPT transfer by group-II signals used.								For MPC signaling.

Table 4-20 SMDR2

CONTENTS/INPUT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
b0	0-Detailed billing is not required for incoming calls.	×		×		×		×									
	1-Detailed billing is required for incoming calls.		×		×		×		×								
b1	0-Detailed billing is required for toll and local outgoing calls.	×	×			×	×										
	1-Detailed billing is required only for toll outgoing calls.			×	×			×	×								
b2,3	0-																
	1-Metering pulses are used.					×	×	×	×								
	2-																
	3-																

FUNCTION		RT					REMARKS
32	ICRL	Release timing for incoming trunk connections. 0 = 288 msec. Note 1 = 224 msec. 2 = 288 msec. 3 = 352 msec. 4 = 416 msec. 5 = 480 msec. 6 = 544 msec. 7 = 608 msec. 8 = 672 msec. 9 = 736 msec. 10 = 800 msec. 11 = 864 msec. 12 = 928 msec. 13 = 992 msec. 14 = 1056 msec. 15 = 1120 msec.					<ul style="list-style-type: none"> Normally assign data "0." For ISDN, see Table 4-21 (Example of Route Class Settings). <p>Note: 160 msec. in case of Loop Dialing Trunk.</p>
33	HD	Trunk Hold Timing. 0 = 10 sec. 1 = 2 sec. 2 = 4 sec. 3 = 6 sec. 4 = 8 sec. 5 = 10 sec. 6 = 12 sec. 7 = 14 sec. 8 = 16 sec. 9 = 18 sec. 10 = 20 sec. 11 = 22 sec. 12 = 24 sec. 13 = 26 sec. 14 = 28 sec. 15 = 30 sec.					Normally assign data "0."
34	GUARD	Ground Timer Outgoing inhibit timing after trunk release. 0 = 3072 msec. 1 = 512 msec. 2 = 1024 msec. 3 = 1536 msec. 4 = 2048 msec. 5 = 2560 msec. 6 = 3072 msec. 7 = 3584 msec. 8 = 4096 msec. 9 = 4608 msec. 10 = 5120 msec. 11 = 5632 msec. 12 = 6144 msec. 13 = 6656 msec. 14 = 7168 msec. 15 = 7680 msec.					<ul style="list-style-type: none"> Normally assign data "0." For ISDN, see Table 4-21. (Example of Route Class Settings).
35	WINK	Width of a Wink Signal 0 = 160 msec. 1 = 64 msec. 2 = 96 msec. 3 = 128 msec. 4 = 160 msec. 5 = 192 msec. 6 = 224 msec. 7 = 265 msec. 8 = 288 msec. 9 = 320 msec. 10 = 352 msec. 11 = 384 msec. 12 = 416 msec. 13 = 448 msec. 14 = 480 msec. 15 = 512 msec.					Normally assign data "0."
36	VAD		0	0	0	0	Always assign data "0."
37	CLD		0	0	0	0	Always assign data "0."
38	FA	Forced Account/Forced Authorization Code 0 = Check is not required 1 = Check is required (For Remote Access to System)					

ARTD : Assignment of Route Class Data

FUNCTION			RT					REMARKS
39	BC	C.O Line Idle Balance Condition. 0 = Not balanced 1 = Balanced						For Australia only
40	TCM	Travel Class Mark 0 = Out of Service 1 = In Service						
41	TDMQ	Tandem Off Hook OG Queuing 0 = Out of Service 1 = In Service						
42	TRSC	Trunk Restriction class 0 = Out of Service 1-15 = In Service						See AEFR command.
43	BT	Inter-office Busy Service 0 = Out of Service 1 = In Service						For CCIS voice route, assign data "1."
44	PRV	Line Trunk Privacy 0 = Privacy Out of Service 1 = Privacy In Service For Busy Verification, Call Waiting, Executive Right of Way, Paging, Dictation, Data Communication, etc.).						
45	A/D	Analog/Digital Line Data 0 = Analog 1 = Digital						Assign data "1" only for digital T1 routes or Bch of ISDN routes.
46	CW	Call Waiting Service 0 = Out of Service 1 = In Service						
47	TPQ	Priority OG Queuing 0 = Out of Service 1 = In Service						
48	BL	Detection of Blocking Signal 0 = No detection 1 = Detection						
49	TRKS	Trunk Selection Sequence 0 = Select from the trunk which becomes idle first. 1 = Select from the trunk which becomes idle last.						Assign this data reversing to the mate office data. (Especially, for CCIS)
50	DPLY	Number Display of D ^{term} between offices 0 = Not given 1 = Given						For CCIS voice route and ISDN Bch route.
51	ACD	0 = Out of Service 1 = -	0	0	0	0		Always assign data "0" even ACD application.
52	2W/4W	2 Wires/4 Wires 0 = 2 Wires 1 = 4 Wires	0	0	0	0		Always assign data "0."
53	FAAT	Authorization Code for ATT 0 = Depends on RSC of ATT 1 = Authorization Code always required.						
54	GW	Gateway Option 0 = Out of Service 1 = Data Signaling Trunk 2-15 = Not used						
55	TCMA		0	0	0	0		Always assign data "0."

FUNCTION			RT					REMARKS
56	SMDR3	Detailed billing for outgoing in tandem connection. 0 = Required 1 = Not required						Assign this for the incoming route (ICRT), if necessary.
57	HDT	Heterogeneous Data Trunk 0 = Not Heterogeneous Data Trunk 1 = Heterogeneous Data Trunk						
58	CD	Consecutive Dialing 0 = Out of Service 1 = In Service						
59	CCH	Common Channel Handler 0 = CCH is not mounted (normal setting) 1 = CCH is mounted (ISDN or CCIS line)	0	0	0	0		Always assign data "0" even ISDN/CCIS.
60	TC/EC		0	0	0	0		Always assign data "0."
61	IRE	Inter-rearranging signal 1 = Supervisory						When assigning this data, always enter zero (0).
62	SCR	Step Call Restriction for Tie Line Call 0 = Step call is restricted. 1 = Step call is not restricted.						
63	LYER1	Layer 1 (For ISDN) 0 = 23B+D 1 = 30B+D						0= μ law country 1= A law country
64	NET	User/Net Identification (For ISDN) 0 = User Side (normal setting) 1 = Network side						Normally assign data "0."
65	INT	Interface Specification (For ISDN) 0 = No.7 1 = N-ISDN2 2 = Australia 3 = INS 1500(NTT) 4 = ITU (CCITT), ETSI 5 = AT&T(#4/#5 ESS) 6 = INS 64 (NTT) 7 = NT DMS 100/DMS 250 8 = Not used 9 = TTC Q931 a protocol Tie Line (JAPAN) 10 = Q-sig, (ETS 300 172)/IS-11572 11 = Seamless						
66	DC	Dialed Number Confirmation (For ISDN) 0 = Sub Addressing 1-15 = DID Addressing Note						Note: Other than 0= Number of Main Address Digits to be translated.
67	HKS	Hooking Service 0 = Out of Service 1 = In Service						

FUNCTION		RT				REMARKS
73	KPST	Duration of KP sending 0 = 48 msec. 1 = 56 msec. 2 = 64 msec. 3 = 72 msec. 4 = 80 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 9 = 120 msec. 10 = 128 msec. 11 = 136 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.				When the monitor signal is Reverse and the data is set to "0," KP sending is stopped by reserve signal monitor at the related distant office. Note: Use this when ONSG/INSG = 4.(MF)
74	KPPT	Pause after KP sending 0 = 48 msec. 1 = 56 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.				Note: Use this when ONSG/INSG = 4.(MF)
75	STC	Stop Code 0-11 = Not used 12 = MF 13 = Not used 14 = DTMF 15 = MF (for MF signaling)				Use this when ONSG/INSG = 4.(MF)
76	MC 2	MP Start Cause 0 = As per ST 1 = Not used				This data must always be set to "0."
77	MT	MF Frequency 0 = DTMF (4x4) 1 = MF (2 out of 6)				Use this when ONSG/INSG = 4.(MF)
78	TONE	TONE Designation for TRK Call Termination 0 = DT 1-15= Not used				This data is effective when 2 (Second Dial Tone) is set in ARTD, ISGS = 3.

ARTD : Assignment of Route Class Data

FUNCTION		RT	REMARKS																																								
79	PPTM	<p>Sender Prepares</p> <table> <tr> <td>0 = Standard</td> <td>Note</td> <td>1 = 600 msec.</td> </tr> <tr> <td>2 = 800 msec.</td> <td></td> <td>3 = 1000 msec.</td> </tr> <tr> <td>4 = 1200 msec.</td> <td></td> <td>5 = 1400 msec.</td> </tr> <tr> <td>6 = 1600 msec.</td> <td></td> <td>7 = 1800 msec.</td> </tr> <tr> <td>8 = 2000 msec.</td> <td></td> <td>9 = 2200 msec.</td> </tr> <tr> <td>10 = 2400 msec.</td> <td></td> <td>11 = 2600 msec.</td> </tr> <tr> <td>12 = 2800 msec.</td> <td></td> <td>13 = 3000 msec.</td> </tr> <tr> <td>14 = 3200 msec.</td> <td></td> <td>15 = 3400 msec.</td> </tr> </table> <p>(In case of MFC)</p> <table> <tr> <td>0 = 24.0 sec.</td> <td>1 = 5.5 sec.</td> </tr> <tr> <td>2 = 7.0 sec.</td> <td>3 = 8.5 sec.</td> </tr> <tr> <td>4 = 10.0 sec.</td> <td>5 = 11.5 sec.</td> </tr> <tr> <td>6 = 13.0 sec.</td> <td>7 = 14.5 sec.</td> </tr> <tr> <td>8 = 16.0 sec.</td> <td>9 = 17.5 sec.</td> </tr> <tr> <td>10 = 20.0 sec.</td> <td>11 = 22.0 sec.</td> </tr> <tr> <td>12 = 24.0 sec.</td> <td>13 = 26.0 sec.</td> </tr> <tr> <td>14 = 28.0 sec.</td> <td>15 = 30.0 sec.</td> </tr> </table>	0 = Standard	Note	1 = 600 msec.	2 = 800 msec.		3 = 1000 msec.	4 = 1200 msec.		5 = 1400 msec.	6 = 1600 msec.		7 = 1800 msec.	8 = 2000 msec.		9 = 2200 msec.	10 = 2400 msec.		11 = 2600 msec.	12 = 2800 msec.		13 = 3000 msec.	14 = 3200 msec.		15 = 3400 msec.	0 = 24.0 sec.	1 = 5.5 sec.	2 = 7.0 sec.	3 = 8.5 sec.	4 = 10.0 sec.	5 = 11.5 sec.	6 = 13.0 sec.	7 = 14.5 sec.	8 = 16.0 sec.	9 = 17.5 sec.	10 = 20.0 sec.	11 = 22.0 sec.	12 = 24.0 sec.	13 = 26.0 sec.	14 = 28.0 sec.	15 = 30.0 sec.	<p>Note: Depends on the data in SYS1, Index 131 of ASYD.</p>
0 = Standard	Note	1 = 600 msec.																																									
2 = 800 msec.		3 = 1000 msec.																																									
4 = 1200 msec.		5 = 1400 msec.																																									
6 = 1600 msec.		7 = 1800 msec.																																									
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12 = 24.0 sec.	13 = 26.0 sec.																																										
14 = 28.0 sec.	15 = 30.0 sec.																																										
80	MPTM	<p>Sender Minimum Pause</p> <table> <tr> <td>0 = 10 PPS/600 msec., 20 PPS/450 msec.</td> <td></td> <td></td> </tr> <tr> <td>1 = 600 msec.</td> <td>2 = 800 msec.</td> <td rowspan="15">Note</td> </tr> <tr> <td>3 = 1000 msec.</td> <td>4 = 1200 msec.</td> </tr> <tr> <td>5 = 1400 msec.</td> <td>6 = 1600 msec.</td> </tr> <tr> <td>7 = 1800 msec.</td> <td>8 = 2000 msec.</td> </tr> <tr> <td>9 = 2200 msec.</td> <td>10 = 2400 msec.</td> </tr> <tr> <td>11 = 2600 msec.</td> <td>12 = 2800 msec.</td> </tr> <tr> <td>13 = 3000 msec.</td> <td>14 = 3200 msec.</td> </tr> <tr> <td>15 = 3400 msec.</td> <td></td> </tr> </table> <p>(In case of MFC)</p> <table> <tr> <td>0 = 12.0 sec.</td> <td>1 = 5.5 sec.</td> </tr> <tr> <td>2 = 7.0 sec.</td> <td>3 = 8.5 sec.</td> </tr> <tr> <td>4 = 10.0 sec.</td> <td>5 = 11.5 sec.</td> </tr> <tr> <td>6 = 13.0 sec.</td> <td>7 = 14.5 sec.</td> </tr> <tr> <td>8 = 16.0 sec.</td> <td>9 = 17.5 sec.</td> </tr> <tr> <td>10 = 20.0 sec.</td> <td>11 = 22.0 sec.</td> </tr> <tr> <td>12 = 24.0 sec.</td> <td>13 = 26.0 sec.</td> </tr> <tr> <td>14 = 28.0 sec.</td> <td>15 = 30.0 sec.</td> </tr> </table>	0 = 10 PPS/600 msec., 20 PPS/450 msec.			1 = 600 msec.	2 = 800 msec.	Note	3 = 1000 msec.	4 = 1200 msec.	5 = 1400 msec.	6 = 1600 msec.	7 = 1800 msec.	8 = 2000 msec.	9 = 2200 msec.	10 = 2400 msec.	11 = 2600 msec.	12 = 2800 msec.	13 = 3000 msec.	14 = 3200 msec.	15 = 3400 msec.		0 = 12.0 sec.	1 = 5.5 sec.	2 = 7.0 sec.	3 = 8.5 sec.	4 = 10.0 sec.	5 = 11.5 sec.	6 = 13.0 sec.	7 = 14.5 sec.	8 = 16.0 sec.	9 = 17.5 sec.	10 = 20.0 sec.	11 = 22.0 sec.	12 = 24.0 sec.	13 = 26.0 sec.	14 = 28.0 sec.	15 = 30.0 sec.	<p>Note: Possible to use when adjusting the interdict timer in DP line.</p>				
0 = 10 PPS/600 msec., 20 PPS/450 msec.																																											
1 = 600 msec.	2 = 800 msec.	Note																																									
3 = 1000 msec.	4 = 1200 msec.																																										
5 = 1400 msec.	6 = 1600 msec.																																										
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2 = 7.0 sec.	3 = 8.5 sec.																																										
4 = 10.0 sec.	5 = 11.5 sec.																																										
6 = 13.0 sec.	7 = 14.5 sec.																																										
8 = 16.0 sec.	9 = 17.5 sec.																																										
10 = 20.0 sec.	11 = 22.0 sec.																																										
12 = 24.0 sec.	13 = 26.0 sec.																																										
14 = 28.0 sec.	15 = 30.0 sec.																																										

FUNCTION		RT				REMARKS	
81	LPTM	<p>Sender Inter-Digit Pause Index</p> <p>0 = DP/1 sec., PB/0.5sec. 1 = 600 msec.]</p> <p>2 = 800 msec. 3 = 1000 msec.</p> <p>4 = 1200 msec. 5 = 1400 msec.</p> <p>6 = 1600 msec. 7 = 1800 msec.</p> <p>8 = 2000 msec. 9 = 2200 msec.</p> <p>10 = 2400 msec. 11 = 2600 msec.</p> <p>12 = 2800 msec. 13 = 3000 msec.</p> <p>14 = 3200 msec. 15 = 3400 msec.]</p> <p>(In case of MFC)</p> <p>0 = 12.0 sec. 1 = 5.5 sec.</p> <p>2 = 7.0 sec. 3 = 8.5 sec.</p> <p>4 = 10.0 sec. 5 = 11.5 sec.</p> <p>6 = 13.0 sec. 7 = 14.5 sec.</p> <p>8 = 16.0 sec. 9 = 17.5 sec.</p> <p>10 = 20.0 sec. 11 = 22.0 sec.</p> <p>12 = 24.0 sec. 13 = 26.0 sec.</p> <p>14 = 28.0 sec. 15 = 30.0 sec.</p>				<p>Note: Possible to use when adjusting the duration of Pause in the case of Speed Calling System or Adding digits.</p>	
82	RSAX		0	0	0	0	Always assign data "0."
83	CST		0	0	0	0	Always assign data "0."
84	CSEG		0	0	0	0	Always assign data "0."
85	CSEU		0	0	0	0	Always assign data "0."
86	CSEL		0	0	0	0	Always assign data "0."
87	CMP		0	0	0	0	Always assign data "0."
88	TALK		0	0	0	0	Always assign data "0."
89	FOT		0	0	0	0	Always assign data "0."
90	RST		0	0	0	0	Always assign data "0."
91	TOCI	<p>Trunk Override Calling</p> <p>0 = Override Inhibited (Calling side).</p> <p>1 = Tie Line Override Service is provided (Calling side).</p>					
92	TOCD	<p>Trunk Override Called</p> <p>0 = Override Inhibited (Called side).</p> <p>1 = Tie Line Override Service is provided (Called side).</p>					
93	ODGD		0	0	0	0	Always assign data "0."
94	RLS		0	0	0	0	Always assign data "0."
95	GWD	<p>Gate Way Data Service</p> <p>0 = Out of Service 1 = Gate Way System</p> <p>2-15 = Not used</p>					
96	H1	<p>ISDN H1 Switching</p> <p>0 = - 1 = In Service</p>					
97	DT		0	0	0	0	

ARTD : Assignment of Route Class Data

FUNCTION			RT					REMARKS
98	CI	ISDN transmitting information 0 = Out of Service 1 = 16-Digit Caller Number Service, Attribute Information Notification Service, and Calling Sub-Address Transfer Service 2-15= Not used						
99	OID		0	0	0	0		Always assign data "0."
100	TKS		0	0	0	0		Always assign data "0."
101	PAD2	Pad Control Data 2 0-7= For Pad value, See the NEAX2400 IPX Circuit Card Manual.						PAD value can also be set by switch setting on the 8TLT (Long Line Telephone = TELT) card.
102	TRM		0	0	0	0		Always assign data "0."
103	TRPX		0	0	0	0		Always assign data "0."
104	LDR		0	0	0	0		Always assign data "0."
105	TSC		0	0	0	0		Always assign data "0."
106	SATS		0	0	0	0		Always assign data "0."
107	RVPX		0	0	0	0		Always assign data "0."
108	DQ		0	0	0	0		Always assign data "0."
109	SLOV	Slumber Time Override Service 0 = Out of Service 1 = In Service						
110	SDTO	System message automatic output when Connection Acknowledge signal has not been received. 0 = Out of Service 1 = In Service						
111	ADVPR	ISDN PRI Failure Routing Service 0 = Out of Service 1 = In Service						This data is valid for dummy routes.
112	IND	Inter-office Name Display 0 = Out of Service 1 = In Service						
113	UUI	Information notification between the users 0 = Out of Service 1 = In Service						
114	DCH		0	0	0	0		Always assign data "0."
115	CMRT	Common use of Route Numbers of ISDN trunks 0 = Out of Service 1 = In Service						
116	PREF		0	0	0	0		Always assign data "0."
117	DFS		0	0	0	0		Always assign data "0."
118	BOB	Broad Band 0 = 64K 1 = N × 64K						
119	HO1CH		0	0	0	0		Always assign data "0."

FUNCTION			RT					REMARKS
120	IFR	Indonesia Compulsion Cut Service 0 = Out of Service 1 = In Service	0	0	0	0	0	Always assign data "0."
121	CONV	SMDR Called Number Conversation 0 = Conversation Number 1 = In Service						
122	OPRT	Originally Trunk Information 0 = Out of Service 1 = In Service						
123	CNI	Calling Number Identification Format 0 = No ANI 1 = Feature Group D Format 2 = Not used 3 = Not used						

Table 4-21 provides examples of standard route class settings.

Table 4-21 Examples of Route Class Settings

PARAMETER		KIND OF TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION	VOICE				DATA	B-CH	D-CH		
1	OSGS	2	7	0	0	0	0	0	0
2	ONSG	3	3	0	2	2	2	2	0
3	ISGS	1	7	7	0	0	0	0	0
4	INSG	3	3	3	2	2	2	2	0
5	TF	3	3	2	3	0	3	0	0
6	TCL	1	4	5	4	4	4	4	4
7	L/T	1	1	1	1	1	1	1	1
8	RLP	2	2	2	2	0	2	2	0
9	TQ	0	0	0	0	0	0	0	0
10	SMDR	1	0	0	0	0	0	0	0
11	TD	0	0	0	0	0	0	0	0
12	DR	1	0	1	0	0	0	0	0
13	AC	0	0	0	0	0	0	0	1
14	TNT	0	0	0	0	0	0	0	0
15	LSG	0	5	8	12	13	12	13	0
16	SMDR2	0	0	0	0	0	0	0	0
17	H/M	0	0	0	0	0	0	0	0
18	MC	0	0	0	0	0	0	0	0
19	ANI	0	0	0	0	0	0	0	0

Table 4-21 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION	VOICE				DATA	B-CH	D-CH		
20	D	0	0	0	0	0	0	0	0
21	MSB	0	0	0	0	0	0	0	0
22	MSW	0	0	0	0	0	0	0	0
23	TR	0	0	0	0	0	0	0	0
24	OC	0	0	0	0	0	0	0	0
25	R/L	0	0	0	0	0	0	0	0
26	RVSD	0	0	0	0	0	0	0	0
27	TL	0	0	0	0	0	0	0	0
28	ANS	0	1	1	1	0	1	1	0
29	TELP	0	0	0	0	0	0	0	0
30	PAD	0	0	0	4	7	4	7	0
31	OGRL	0	0	0	0	0	1	0	0
32	ICRL	0	0	0	0	0	1	0	0
33	HD	0	0	0	0	0	0	0	0
34	GUARD	0	0	0	0	0	0	0	0
35	WINK	0	0	0	0	0	0	0	0
36	VAD	0	0	0	0	0	0	0	0
37	CLD	0	0	0	0	0	0	0	0
38	FA	0	0	0	0	0	0	0	0
39	BC	0	0	0	0	0	0	0	0
40	TCM	0	0	0	0	0	0	0	0
41	TDMQ	0	0	0	0	0	0	0	0
42	TRSC	0	0	0	0	0	0	0	0
43	BT	0	0	0	1	0	0	0	0
44	PRV	0	0	0	0	0	0	0	0
45	A/D	0	0	0	0	0	1	0	0
46	CW	0	0	0	0	0	0	0	0
47	TPQ	0	0	0	0	0	0	0	0
48	BL	0	0	0	0	0	0	0	0
49	TRKS	0	0	0	0	0	0	0	0
50	DPLY	0	0	0	1	0	1	0	0
51	ACD	0	0	0	0	0	0	0	0
52	2W/4W	0	0	0	0	0	0	0	0
53	FAAT	0	0	0	0	0	0	0	0
54	GW	0	0	0	0	0	0	0	0
55	TCMA	0	0	0	0	0	0	0	0
56	SMDR3	0	0	0	0	0	0	0	0

Table 4-21 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION	VOICE				DATA	B-CH	D-CH		
57	HDT	0	0	0	0	0	0	0	0
58	CD	0	0	0	0	0	0	0	0
59	CCH	0	0	0	0	0	0	0	0
60	TC/EC	0	0	0	0	0	0	0	0
61	IRE	0	0	0	0	0	0	0	0
62	SCR	0	0	0	0	0	0	0	0
63	LYER1	0	0	0	0	0	0	0	0
64	NET	0	0	0	0	0	0	0	0
65	INT	0	0	0	0	0			0
66	DC	0	0	0	0	0			0
67	HKS	0	0	0	0	0	0	0	0
68	SCF	0	0	0	0	0	0	0	0
69	SMDR4	0	0	0	0	0	0	0	0
70	TCMN	0	0	0	0	0	0	0	0
71	TCMC	0	0	0	0	0	0	0	0
72	MFSP	0	0	0	0	0	0	0	0
73	KPST	0	0	0	0	0	0	0	0
74	KPPT	0	0	0	0	0	0	0	0
75	STC	0	0	0	0	0	0	0	0
76	MC	0	0	0	0	0	0	0	0
77	MT	0	0	0	0	0	0	0	0
78	TONE	0	0	0	0	0	0	0	0
79	PPTM	0	0	0	0	0	0	0	0
80	MPTM	0	0	0	0	0	0	0	0
81	LPTM	0	0	0	0	0	0	0	0
82	RSAX	0	0	0	0	0	0	0	0
83	CST	0	0	0	0	0	0	0	0
84	CSEG	0	0	0	0	0	0	0	0
85	CSEU	0	0	0	0	0	0	0	0
86	CSEL	0	0	0	0	0	0	0	0
87	CMP	0	0	0	0	0	0	0	0
88	TALK	0	0	0	0	0	0	0	0
89	FOT	0	0	0	0	0	0	0	0
90	RST	0	0	0	0	0	0	0	0
91	TOCI	0	0	0	0	0	0	0	0
92	TOCD	0	0	0	0	0	0	0	0

Table 4-21 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION	VOICE				DATA	B-CH	D-CH		
93	ODGD	0	0	0	0	0	0	0	0
94	RLS	0	0	0	0	0	0	0	0
95	GWD	0	0	0	0	0	0	0	0
96	H1	0	0	0	0	0	0	0	0
97	DT	0	0	0	0	0	0	0	0
98	CI	0	0	0	0	0	0	0	0
99	OID	0	0	0	0	0	0	0	0
100	TKS	0	0	0	0	0	0	0	0
101	PAD2	0	0	0	0	0	0	0	0
102	TRM	0	0	0	0	0	0	0	0
103	TRPX	0	0	0	0	0	0	0	0
104	LDR	0	0	0	0	0	0	0	0
105	TSC	0	0	0	0	0	0	0	0
106	SATS	0	0	0	0	0	0	0	0
107	RVPX	0	0	0	0	0	0	0	0
108	DQ	0	0	0	0	0	0	0	0
109	SLOV	0	0	0	0	0	0	0	0
110	SDTO	0	0	0	0	0	0	0	0
111	ADVPR	0	0	0	0	0	0	0	0
112	IND	0	0	0	0	0	0	0	0
113	UUI	0	0	0	0	0	0	0	0
114	DCH	0	0	0	0	0	0	0	0
115	CMRT	0	0	0	0	0	0	0	0
116	PREF	0	0	0	0	0	0	0	0
117	DFS	0	0	0	0	0	0	0	0
118	BOB	0	0	0	0	0	0	0	0
119	HO1CH	0	0	0	0	0	0	0	0
120	IFR	0	0	0	0	0	0	0	0
121	CONV	0	0	0	0	0	0	0	0
122	OPRT	0	0	0	0	0	0	0	0
123	CN1	0	0	0	0	0	0	0	0

ARTDN: Assignment of Route Class Data for NDM

1. General

Using this command, all logical route data of all Local Node (LN) may be displayed and changed at the Network Control Node in the Fusion network.

2. Precautions

1. The ARTDN command should be assigned for all logical trunk routes and the logical dummy route for LCR/LCRS.
2. The Logical Route Class data assigned by this command is also allocated to Route Class data (ARTD). If the Logical Route Class data is deleted by using this command, however, the Route Class data is not to be deleted. Therefore, use ARTD command to invalidate the Route Class data.
3. The standard route class data is shown in the example, which is listed after the parameter descriptions.
4. Parameters TCMN through MT are effective only when 4 (MF) is assigned to parameter ONSG or INSG. For all other logical trunk routes, assign "0" to all of these data.

3. Data Entry Instructions

See data sheet in Section 4.

ARTDN : Assignment of Route Class Data for NDM

4. Data Sheet

FUNCTION		LGRT 1-899					REMARKS
1	OSGS	Signal Interface for Outgoing 0 = CCIS No.7 1 = RingDown 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink start) 8-15= Not used					Note: <i>The select signal in ONSG should be "DP."</i>
2	ONSG	Signal Selection for Outgoing 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60 msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15=Not used					
3	ISGS	Signal Interface for Incoming 0 = CCIS No.7 1 = Ring Down 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink Start) 8-15= Not used					Note: <i>The select signal in INSG should be "DP."</i>
4	INSG	Signal Selection for Incoming 0 = Not used 1= DP, 10 pps, 33% Make 2 = PB, 60 msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15=Not used					
5	TF	Type of Trunk Function 0 = Not used 1 = Outgoing Trunk (OGT) 2 = Incoming Trunk (ICT) 3 = Bothway Trunk (BWT)					

FUNCTION		LGRT 1-899						REMARKS
6	TCL	Trunk Class Specify the kind of trunk 1 = DDD Line 2 = FX 3 = WATS Line 4 = Tie Line/Announcement Trunk 5 = CCSA 6 = Toll Terminal 7 = CAS Line 8 = Paging 9 = Code Call Trunk 10 = Dictation Trunk 11 = General Paging Trunk 12 = Radio Paging Trunk 13 - 31 = Not used						
7	L/T	Line/Trunk Identification 0 = Not used (Line) 1 = Trunk	1	1	1	1	1	Always assign data "1."
8	RLP	Trunk Release Pattern 0 = Calling Party Release (Outgoing only) 1 = Not used 2 = First Party Release (either station or trunk side) 3 = Not used						Normally assign data "2."
9	TQ	Outgoing Trunk Queuing 0 = Out of Service 1 = In Service						
10	SMDR	Detailed Billing Information 0 = SMDR Out of Service 1 = SMDR In Service (ORT required for receiving all dialed digits)						
11	TD	Toll Denial Battery Reversal	0	0	0	0	0	Always assign data "0."
12	DR	Distinctive Ringing Pattern This parameter designates whether distinctive ringing will be provided for an incoming call. 0 = Distinctive Ringing is not required (ASYD, SYS 3, Index 3, Bit 0=0) 1 = Distinctive Ringing is required (ASYD, SYS 3, Index 3, Bit 0=1)						
13	AC	Flexible Routing Pattern Designation When outgoing route selection pattern number is to be determined by the AFRS command, "1" is to be assigned if the Access Code is included in the Number Pattern Code (NPC). 0 = When flexible routing is executed, numbers are translated excluding the Access Code 1 = When flexible routing is executed, numbers are translated including the Access Code						This data is valid for dummy routes. Assign data "1" for the dummy route.
14	TNT	Tenant Number Check 0 = Tenant number check is not required in trunk selection.						Always assign data "0."

ARTDN : Assignment of Route Class Data for NDM

FUNCTION		LGRT 1-899						REMARKS
15	LSG	Line Signal 0 = Loop 1 = Ground Start 2 = CDH 3 = Caller ID (Loop) 4 = Loop 5 = E&M 6 = DX 7 = 24V4 8 = Loop DID 9 - 11 = Not used 12 = Speech Line (for CCIS No. 7 or Bch of ISDN) 13 = Signal Line (for CCIS No. 7 or Dch of ISDN) 14 = Not used 15 = Not used						
		C.O. Line Tie Line						
16	SMDR2	Detailed Billing Information						See Figure 4-16 and Table 4-22 .
17	H/M	Hotel Service in CCIS No. 7 0 = Out of Service 1 = In Service						
18	MC		0	0	0	0	0	Always assign data "0."
19	ANI	E911 - ANI Service 0 = Out of Service 1 = In Service						
20	D		0	0	0	0	0	Always assign data "0."
21	MSB		0	0	0	0	0	Always assign data "0."
22	MSW		0	0	0	0	0	Always assign data "0."
23	TR	0 = - 1 = ICPT transfer by group-II signals used.						For MFC signaling

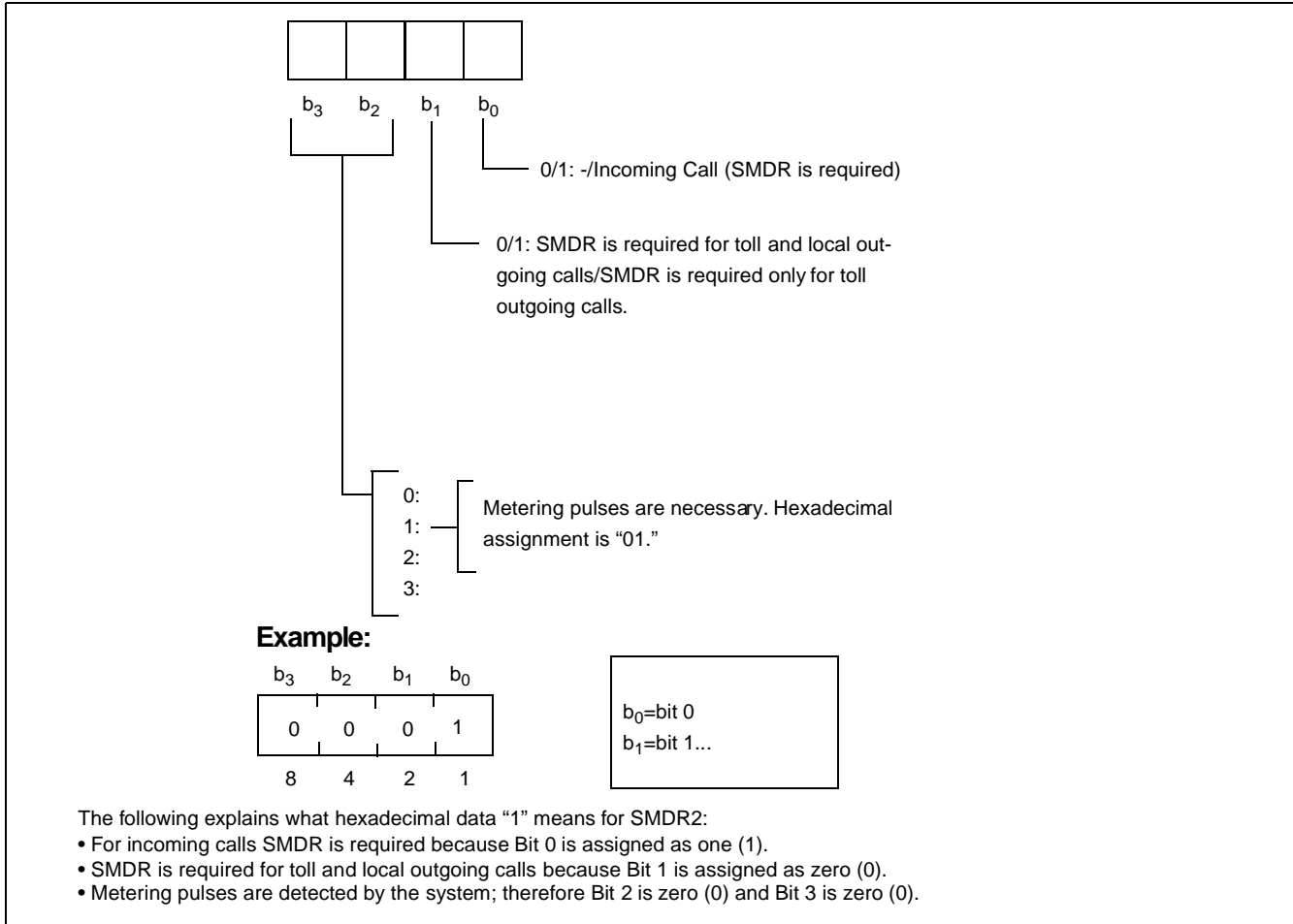


Figure 4-16 SMDR2 (ARTDN)

Table 4-22 SMDR2 (ARTDN)

CONTENTS/INPUT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
b0	0-Detailed billing is not required for incoming calls.	×		×		×		×									
	1-Detailed billing is required for incoming calls.		×		×		×		×								
b1	0-Detailed billing is required for toll and local outgoing calls.	×	×			×	×										
	1-Detailed billing is required only for toll outgoing calls.			×	×			×	×								
b2, 3	0-																
	1-Metering pulses are used.					×	×	×	×								
	2-																
	3-																

ARTDN : Assignment of Route Class Data for NDM

LGRT 1-899							REMARKS
FUNCTION							
24	OC	0 = - 1 = Originating Category Information is used					For MFC signaling (Brazil and Mexico)
25	R/L	Attendant-Identification of Incoming Trunk Display. 0 = TN, RT, TK display 1 = C.O. Line Number display					
26	RVSD	Trunk Reversal Identification This data is necessary when a specific Trunk route provides battery reversal for answer supervision. 0 = Battery Reversal System 1 = Third Wire System					
27	TL	Tone Level	0	0	0	0	Always assign data "0."
28	ANS	Answer signal from Trunk side. 0 = No answer signal is given. 1 = Answer signal is given.					
29	TELP	Time Elapse Indication Service 0 = Out of Service 1 = In Service					Time Elapse Indication (TELP) is a warning tone sent to the caller after a predetermined period of time has elapsed (usually three minutes).
30	PAD	This data determines Pad control on the ODT/DTI circuit card. <u>TLT (EMT)</u> <u>DTI</u> 0 = Depending on setting. - 7 = Pad Off(0db) Pad Off(0db)					Pad=1-6: Actual PAD value depends on PAD ROM on the ODT/DTI circuit card. (See the IPX NEAX2400 Circuit Card Manual.)
31	OGRL	Release timing for outgoing trunk connection. 0 = 608 msec. 1 = 224 msec. 2 = 288 msec. 3 = 352 msec. 4 = 416 msec. 5 = 480 msec. 6 = 544 msec. 7 = 608 msec. 8 = 672 msec. 9 = 736 msec. 10 = 800 msec. 11 = 864 msec. 12 = 928 msec. 13 = 992 msec. 14 = 1056 msec. 15 = 1120 msec.					<ul style="list-style-type: none"> • Normally assign data "0" • For ISDN, see Table 4-23. (Examples of Route Class Settings)

FUNCTION			LGRT 1-899					REMARKS
32	ICRL	Release timing for incoming trunk connections. 0 = 288 msec. Note 1 = 224 msec. 2 = 288 msec. 3 = 352 msec. 4 = 416 msec. 5 = 480 msec. 6 = 544 msec. 7 = 608 msec. 8 = 672 msec. 9 = 736 msec. 10 = 800 msec. 11 = 864 msec. 12 = 928 msec. 13 = 992 msec. 14 = 1056 msec. 15 = 1120 msec.						<ul style="list-style-type: none"> Normally assign data "0". For ISDN, see Table 4-23 (Example of Route Class Settings). <p>Note: 160 msec. in case of Loop Dialing Trunk.</p>
33	HD	Trunk Hold Timing. 0 = 10 sec. 1 = 2 sec. 2 = 4 sec. 3 = 6 sec. 4 = 8 sec. 5 = 10 sec. 6 = 12 sec. 7 = 14 sec. 8 = 16 sec. 9 = 18 sec. 10 = 20 sec. 11 = 22 sec. 12 = 24 sec. 13 = 26 sec. 14 = 28 sec. 15 = 30 sec.					Normally assign data "0".	
34	GUARD	Ground Timer Outgoing inhibit timing after trunk release. 0 = 3072 msec. 1 = 512 msec. 2 = 1024 msec. 3 = 1536 msec. 4 = 2048 msec. 5 = 2560 msec. 6 = 3072 msec. 7 = 3584 msec. 8 = 4096 msec. 9 = 4608 msec. 10 = 5120 msec. 11 = 5632 msec. 12 = 6144 msec. 13 = 6656 msec. 14 = 7168 msec. 15 = 7680 msec.					<ul style="list-style-type: none"> Normally assign data "0." For ISDN, see Table 4-25 (Example of Route Class Settings). 	
35	WINK	Width of a Wink Signal 0 = 160 msec. 1 = 64 msec. 2 = 96 msec. 3 = 128 msec. 4 = 160 msec. 5 = 192 msec. 6 = 224 msec. 7 = 265 msec. 8 = 288 msec. 9 = 320 msec. 10 = 352 msec. 11 = 384 msec. 12 = 416 msec. 13 = 448 msec. 14 = 480 msec. 15 = 512 msec.					Normally assign data "0."	
36	VAD		0	0	0	0	Always assign data "0."	
37	CLD		0	0	0	0	Always assign data "0."	
38	FA	Forced Account/Forced Authorization Code 0 = Check is not required 1 = Check is required (For Remote Access to System)						

ARTDN : Assignment of Route Class Data for NDM

FUNCTION			LGRT 1-899					REMARKS
39	BC	C.O Line Idle Balance Condition. 0 = Not balanced 1 = Balanced						For Australia only
40	TCM	Travel Class Mark 0 = Out of Service 1 = In Service						
41	TDMQ	Tandem Off Hook OG Queuing 0 = Out of Service 1 = In Service						
42	TRSC	Trunk Restriction class 0 = Out of Service 1-15= In Service						See AEFR command.
43	BT	Inter-office Busy Service 0 = Out of Service 1 = In Service						For CCIS voice route, assign data "1."
44	PRV	Line Trunk Privacy 0 = Privacy Out of Service 1 = Privacy In Service For Busy Verification, Call Waiting, Executive Right of Way, Paging, Dictation, Data Communication, etc.).						
45	A/D	Analog/Digital Line Data 0 = Analog 1 = Digital						Assign data "1" only for digital T1 routes or Bch of ISDN routes.
46	CW	Call Waiting Service 0 = Out of Service 1 = In Service						
47	TPQ	Priority OG Queuing 0 = Out of Service 1 = In Service						
48	BL	Detection of Blocking Signal 0 = No detection 1 = Detection						
49	TRKS	Trunk Selection Sequence 0 = Select from the trunk which becomes idle first. 1 = Select from the trunk which becomes idle last.						Assign this data reversing to the mate office data. (Especially, for CCIS)
50	DPLY	Number Display of D ^{term} between offices 0 = Not given 1 = Given						For CCIS voice route and ISDN Bch route.
51	ACD	0 = Out of Service 1 = -	0	0	0	0		Always assign data "0" even ACD application.
52	2W/4W	2 Wires/4 Wires 0 = 2 Wires 1 = 4 Wires	0	0	0	0		Always assign data "0."
53	FAAT	Authorization Code for ATT 0 = Depends on RSC of ATT 1 = Authorization Code always required.						
54	GW	Gateway Option 0 = Out of Service 1 = Data Signaling Trunk 2-15 = Not used						
55	TCMA		0	0	0	0		Always assign data "0."

FUNCTION			LGRT 1-899				REMARKS
56	SMDR3	Detailed billing for outgoing in tandem connection. 0 = Required 1 = Not required					Assign this for the incoming route (ICRT), if necessary.
57	HDT	Heterogeneous Data Trunk 0 = Not Heterogeneous Data Trunk 1 = Heterogeneous Data Trunk					
58	CD	Consecutive Dialing 0 = Out of Service 1 = In Service					
59	CCH	Common Channel Handler 0 = CCH is not mounted (normal setting) 1 = CCH is mounted (ISDN or CCIS line)	0	0	0	0	Always assign data "0" even ISDN/CCIS.
60	TC/EC		0	0	0	0	Always assign data "0."
61	IRE	Inter-rearranging signal 1 = Supervisory					When assigning this data, always enter zero (0).
62	SCR	Step Call Restriction for Tie Line Call 0 = Step call is restricted. 1 = Step call is not restricted.					
63	LYER1	Layer 1 (For ISDN) 0 = 23 B+D 1= 30 B+D					0= μ law country 1= A law country
64	NET	User/Net Identification (For ISDN) 0 = User Side (normal setting) 1 = Network side					Normally assign data "0."
65	INT	Interface Specification (For ISDN) 0 = No.7 1 = N-ISDN2 2 = Australia 3 = INS 1500 (NTT) 4 = ITU (CCITT), ETSI 5 = AT&T (#4/#5 ESS) 6 = INS 6 4 (NTT) 7 = NT DMS 100/DMS 250 8 = Not used 9 = TTC Q931 a protocol Tie Line (JAPAN) 10 = Q-sig, (ETS 300 172)/IS-11572 11 = Seamless					
66	DC	Dialed Number Confirmation (For ISDN) 0 = Sub Addressing 1-15 = DID Addressing Note					Note: Other than 0= Number of Main Address Digits to be translated.
67	HKS	Hooking Service 0 = Out of Service 1 = In Service					

ARTDN : Assignment of Route Class Data for NDM

FUNCTION		LGRT 1-899	REMARKS
68	SCF	Split Call Forwarding The call is forwarded to the desired destination assigned at 0 = Split C. F. - All Calls (SSC, SID = 8), Split C. F. - Busy Line (SSC, SID = 10), Split C. F. - Don't Answer (SSC, SID = 12) 1 = C. F. - All Calls (SSCA, SIDA = 86), C. F. - Busy Line (SSCA, SID = 87), C. F. - Don't Answer (SSCA, SIDA = 88)	This data is valid when ASYDN, SYS,INDEX 79, b2 = 1.
69	SMDR4	Detailed billing for incoming in tandem connection. 0 = Required 1 = Not required	Assign this for the outgoing route (OGRT) if necessary.
70	TCMN	Number of digits of TCM (S Code) 0 = No digit 1 = 1 digit 2 = 2 digits 3 = Not used	Use this when ONSG/ INSG = 4 (MF).
71	TCMC	TCM and KP Sending Sequence 0 = KP-ST 1 = KP TCM-ST 2 = TCM KP-ST 3 = KP (TCM)-ST	Use this when ONSG/ INSG = 4 (MF).
72	MFSP	Sending Speed Tone ON Tone OFF Digit/sec. 0= 68 msec. 68 msec. 7.5 1= 56 msec. 56 msec. (CCITT No.5) Note 2= 68 msec. 32 msec. 10 3= 68 msec. 36 msec. 10 4= 48 msec. 48 msec. 10 5= 52 msec. 52 msec. 10 6-15= Not used (In case of MFC) 0 = 24.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.	Note: Use this when ONSG/INSG = 4.

FUNCTION		LGRT 1-899				REMARKS
73	KPST	Duration of KP sending 0 = 48 msec. 1 = 56 msec. 2 = 64 msec. 3 = 72 msec. 4 = 80 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 9 = 120 msec. 10 = 128 msec. 11 = 136 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.				When the monitor signal is Reverse and the data is set to "0," KP sending is stopped by reserve signal monitor at the related distant office. Note: Use this when ONSG/INSG = 4.(MF)
74	KPPT	Pause after KP sending 0 = 48 msec. 1 = 56 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.				Note: Use this when ONSG/INSG = 4.(MF)
75	STC	Stop Code 0-11= Not used 12 = MF 13= Not used 14 = DTMF 15= MF (for MF signaling)				Use this when ONSG/INSG = 4. (MF)
76	MC	MP Start Cause 0 = As per ST 1 = Not used				Always set data "0."
77	MT	MF Frequency 0 = DTMF (4x4) 1 = MF (2 out of 6)				Use this when ONSG/INSG = 4.(MF)
78	TONE	TONE Designation for TRK Call Termination 0 = DT 1-15= Not used				This data is effective when 2 (Second Dial Tone) is set in ARTDN, ISGS = 3.

ARTDN : Assignment of Route Class Data for NDM

FUNCTION		LGRT 1-899	REMARKS																																		
79	PPTM	<p>Sender Prepares</p> <table border="0"> <tr> <td>0 = Standard</td> <td>1 = 600 msec.</td> </tr> <tr> <td>2 = 800 msec.</td> <td>3 = 1000 msec.</td> </tr> <tr> <td>4 = 1200 msec.</td> <td>5 = 1400 msec.</td> </tr> <tr> <td>6 = 1600 msec.</td> <td>7 = 1800 msec.</td> </tr> <tr> <td>8 = 2000 msec.</td> <td>9 = 2200 msec.</td> </tr> <tr> <td>10 = 2400 msec.</td> <td>11 = 2600 msec.</td> </tr> <tr> <td>12 = 2800 msec.</td> <td>13 = 3000 msec.</td> </tr> <tr> <td>14 = 3200 msec.</td> <td>15 = 3400 msec.</td> </tr> </table> <p>(In case of MFC)</p> <table border="0"> <tr> <td>0 = 24.0 sec.</td> <td>1 = 5.5 sec.</td> </tr> <tr> <td>2 = 7.0 sec.</td> <td>3 = 8.5 sec.</td> </tr> <tr> <td>4 = 10.0 sec.</td> <td>5 = 11.5 sec.</td> </tr> <tr> <td>6 = 13.0 sec.</td> <td>7 = 14.5 sec.</td> </tr> <tr> <td>8 = 16.0 sec.</td> <td>9 = 17.5 sec.</td> </tr> <tr> <td>10 = 20.0 sec.</td> <td>11 = 22.0 sec.</td> </tr> <tr> <td>12 = 24.0 sec.</td> <td>13 = 26.0 sec.</td> </tr> <tr> <td>14 = 28.0 sec.</td> <td>15 = 30.0 sec.</td> </tr> </table>	0 = Standard	1 = 600 msec.	2 = 800 msec.	3 = 1000 msec.	4 = 1200 msec.	5 = 1400 msec.	6 = 1600 msec.	7 = 1800 msec.	8 = 2000 msec.	9 = 2200 msec.	10 = 2400 msec.	11 = 2600 msec.	12 = 2800 msec.	13 = 3000 msec.	14 = 3200 msec.	15 = 3400 msec.	0 = 24.0 sec.	1 = 5.5 sec.	2 = 7.0 sec.	3 = 8.5 sec.	4 = 10.0 sec.	5 = 11.5 sec.	6 = 13.0 sec.	7 = 14.5 sec.	8 = 16.0 sec.	9 = 17.5 sec.	10 = 20.0 sec.	11 = 22.0 sec.	12 = 24.0 sec.	13 = 26.0 sec.	14 = 28.0 sec.	15 = 30.0 sec.			
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80	MPTM	<p>Sender Minimum Pause</p> <table border="0"> <tr> <td>0 = 10 PPS/600 msec., 20 PPS/450 msec.</td> <td></td> </tr> <tr> <td>1 = 600 msec.</td> <td>2 = 800 msec.</td> </tr> <tr> <td>3 = 1000 msec.</td> <td>4 = 1200 msec.</td> </tr> <tr> <td>5 = 1400 msec.</td> <td>6 = 1600 msec.</td> </tr> <tr> <td>7 = 1800 msec.</td> <td>8 = 2000 msec.</td> </tr> <tr> <td>9 = 2200 msec.</td> <td>10 = 2400 msec.</td> </tr> <tr> <td>11 = 2600 msec.</td> <td>12 = 2800 msec.</td> </tr> <tr> <td>13 = 3000 msec.</td> <td>14 = 3200 msec.</td> </tr> <tr> <td>15 = 3400 msec.</td> <td></td> </tr> </table> <p>(In case of MFC)</p> <table border="0"> <tr> <td>0 = 12.0 sec.</td> <td>1 = 5.5 sec.</td> </tr> <tr> <td>2 = 7.0 sec.</td> <td>3 = 8.5 sec.</td> </tr> <tr> <td>4 = 10.0 sec.</td> <td>5 = 11.5 sec.</td> </tr> <tr> <td>6 = 13.0 sec.</td> <td>7 = 14.5 sec.</td> </tr> <tr> <td>8 = 16.0 sec.</td> <td>9 = 17.5 sec.</td> </tr> <tr> <td>10 = 20.0 sec.</td> <td>11 = 22.0 sec.</td> </tr> <tr> <td>12 = 24.0 sec.</td> <td>13 = 26.0 sec.</td> </tr> <tr> <td>14 = 28.0 sec.</td> <td>15 = 30.0 sec.</td> </tr> </table> <p style="text-align: center;">Note</p>	0 = 10 PPS/600 msec., 20 PPS/450 msec.		1 = 600 msec.	2 = 800 msec.	3 = 1000 msec.	4 = 1200 msec.	5 = 1400 msec.	6 = 1600 msec.	7 = 1800 msec.	8 = 2000 msec.	9 = 2200 msec.	10 = 2400 msec.	11 = 2600 msec.	12 = 2800 msec.	13 = 3000 msec.	14 = 3200 msec.	15 = 3400 msec.		0 = 12.0 sec.	1 = 5.5 sec.	2 = 7.0 sec.	3 = 8.5 sec.	4 = 10.0 sec.	5 = 11.5 sec.	6 = 13.0 sec.	7 = 14.5 sec.	8 = 16.0 sec.	9 = 17.5 sec.	10 = 20.0 sec.	11 = 22.0 sec.	12 = 24.0 sec.	13 = 26.0 sec.	14 = 28.0 sec.	15 = 30.0 sec.	<p>Note: Possible to use when adjusting the interdict timer in DP line.</p>
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FUNCTION		LGRT 1-899					REMARKS																																	
81	LPTM	<p>Sender Inter-Digit Pause Index</p> <table border="0"> <tr> <td>0 = DP/1 sec., PB/0.5sec.</td> <td>1 = 600 msec.</td> <td rowspan="15" style="vertical-align: middle; text-align: center;">Note</td> </tr> <tr> <td>2 = 800 msec.</td> <td>3 = 1000 msec.</td> </tr> <tr> <td>4 = 1200 msec.</td> <td>5 = 1400 msec.</td> </tr> <tr> <td>6 = 1600 msec.</td> <td>7 = 1800 msec.</td> </tr> <tr> <td>8 = 2000 msec.</td> <td>9 = 2200 msec.</td> </tr> <tr> <td>10 = 2400 msec.</td> <td>11 = 2600 msec.</td> </tr> <tr> <td>12 = 2800 msec.</td> <td>13 = 3000 msec.</td> </tr> <tr> <td>14 = 3200 msec.</td> <td>15 = 3400 msec.</td> </tr> </table> <p>(In case of MFC)</p> <table border="0"> <tr> <td>0 = 12.0 sec.</td> <td>1 = 5.5 sec.</td> </tr> <tr> <td>2 = 7.0 sec.</td> <td>3 = 8.5 sec.</td> </tr> <tr> <td>4 = 10.0 sec.</td> <td>5 = 11.5 sec.</td> </tr> <tr> <td>6 = 13.0 sec.</td> <td>7 = 14.5 sec.</td> </tr> <tr> <td>8 = 16.0 sec.</td> <td>9 = 17.5 sec.</td> </tr> <tr> <td>10 = 20.0 sec.</td> <td>11 = 22.0 sec.</td> </tr> <tr> <td>12 = 24.0 sec.</td> <td>13 = 26.0 sec.</td> </tr> <tr> <td>14 = 28.0 sec.</td> <td>15 = 30.0 sec.</td> </tr> </table>	0 = DP/1 sec., PB/0.5sec.	1 = 600 msec.	Note	2 = 800 msec.	3 = 1000 msec.	4 = 1200 msec.	5 = 1400 msec.	6 = 1600 msec.	7 = 1800 msec.	8 = 2000 msec.	9 = 2200 msec.	10 = 2400 msec.	11 = 2600 msec.	12 = 2800 msec.	13 = 3000 msec.	14 = 3200 msec.	15 = 3400 msec.	0 = 12.0 sec.	1 = 5.5 sec.	2 = 7.0 sec.	3 = 8.5 sec.	4 = 10.0 sec.	5 = 11.5 sec.	6 = 13.0 sec.	7 = 14.5 sec.	8 = 16.0 sec.	9 = 17.5 sec.	10 = 20.0 sec.	11 = 22.0 sec.	12 = 24.0 sec.	13 = 26.0 sec.	14 = 28.0 sec.	15 = 30.0 sec.					Note: Possible to use when adjusting the duration of Pause in the case of Speed Calling System or Adding digits.
0 = DP/1 sec., PB/0.5sec.	1 = 600 msec.	Note																																						
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82	RSAX		0	0	0	0	Always assign data "0."																																	
83	CST		0	0	0	0	Always assign data "0."																																	
84	CSEG		0	0	0	0	Always assign data "0."																																	
85	CSEU		0	0	0	0	Always assign data "0."																																	
86	CSEL		0	0	0	0	Always assign data "0."																																	
87	CMP		0	0	0	0	Always assign data "0."																																	
88	TALK		0	0	0	0	Always assign data "0."																																	
89	FOT		0	0	0	0	Always assign data "0."																																	
90	RST		0	0	0	0	Always assign data "0."																																	
91	TOCI	<p>Trunk Override Calling</p> <p>0 = Override Inhibited (Calling side).</p> <p>1 = Tie Line Override Service is provided (Calling side).</p>																																						
92	TOCD	<p>Trunk Override Called</p> <p>0 = Override Inhibited (Called side).</p> <p>1 = Tie Line Override Service is provided (Called side).</p>																																						
93	ODGD		0	0	0	0	Always assign data "0."																																	
94	RLS		0	0	0	0	Always assign data "0."																																	
95	GWD	<p>Gate Way Data Service</p> <p>0= Out of Service 1 = Gate Way System</p> <p>2-15= Not used</p>																																						
96	H1	<p>ISDN H1 Switching</p> <p>0 = - 1 = In Service</p>	0	0	0	0	Always assign data "0."																																	
97	DT		0	0	0	0																																		

ARTDN : Assignment of Route Class Data for NDM

FUNCTION			LGRT 1-899					REMARKS
98	CI	ISDN transmitting information 0 = Out of Service 1 = 16-Digit Caller Number Service, Attribute Information Notification Service, and Calling Sub-Address Transfer Service 2-15= Not used						
99	OID		0	0	0	0		Always assign data "0."
100	TKS		0	0	0	0		Always assign data "0."
101	PAD2	Pad Control Data 2 0-7 = For Pad value, See the NEAX2400 IPX Circuit Card Manual.						PAD value can also be set by switch setting on the 8TLT (Long Line Telephone = TELT) card.
102	TRM		0	0	0	0		Always assign data "0."
103	TRPX		0	0	0	0		Always assign data "0."
104	LDR		0	0	0	0		Always assign data "0."
105	TSC		0	0	0	0		Always assign data "0."
106	SATS		0	0	0	0		Always assign data "0."
107	RVPX		0	0	0	0		Always assign data "0."
108	DQ		0	0	0	0		Always assign data "0."
109	SLOV	Slumber Time Override Service 0 = Out of Service 1 = In Service	0	0	0	0		
110	SDTO	System message automatic output when Connection Acknowledge signal has not been received. 0 = Out of Service 1 = In Service						
111	ADVPR	ISDN PRI Failure Routing Service 0 = Out of Service 1 = In Service						This data is valid for dummy routes.
112	IND	Inter-office Name Display 0 = Out of Service 1 = In Service						
113	UUI		0	0	0	0		Always assign data "0."
114	DCH		0	0	0	0		Always assign data "0."
115	CMRT	Common use of Route Numbers of ISDN trunks 0 = Out of Service 1 = In Service						
116	PREF		0	0	0	0		Always assign data "0."
117	DFS		0	0	0	0		Always assign data "0."
118	BOB	Broad Band 0 = 64K 1 = N × 64K	0	0	0	0		
119	HO1CH		0	0	0	0		Always assign data "0."
120	IFR	Indonesia Compulsion Cut Service 0 = Out of Service 1 = In Service	0	0	0	0		Always assign data "0."

FUNCTION			LGRT 1-899					REMARKS
121	CONV	SMDR Called Number Conversation 0 = Conversation Number 1 = In Service						
122	OPRT	Originally Trunk Information 0 = Out of Service 1 = In Service						
123	CNI	Calling Number Identification Format 0 = No ANI 1 = Feature Group D Format 2 = Not used 3 = Not used						

Table 4-23 provides examples of standard route class settings.

Table 4-23 Examples of Route Class Settings

PARAMETER		KIND OF LOGICAL TRUNK ROUTE							DUMMY ROUTE
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION						VOICE	DATA	B-CH	D-CH
1	OSGS	2	7	0	0	0	0	0	0
2	ONSG	3	3	0	2	2	2	2	0
3	ISGS	1	7	7	0	0	0	0	0
4	INSG	3	3	3	2	2	2	2	0
5	TF	3	3	2	3	0	3	0	0
6	TCL	1	4	5	4	4	4	4	4
7	L/T	1	1	1	1	1	1	1	1
8	RLP	2	2	2	2	0	2	2	0
9	TQ	0	0	0	0	0	0	0	0
10	SMDR	1	0	0	0	0	0	0	0
11	TD	0	0	0	0	0	0	0	0
12	DR	1	0	1	0	0	0	0	0
13	AC	0	0	0	0	0	0	0	1
14	TNT	0	0	0	0	0	0	0	0
15	LSG	0	5	8	12	13	12	13	0
16	SMDR2	0	0	0	0	0	0	0	0
17	H/M	0	0	0	0	0	0	0	0
18	MC	0	0	0	0	0	0	0	0
19	ANI	0	0	0	0	0	0	0	0
20	D	0	0	0	0	0	0	0	0
21	MSB	0	0	0	0	0	0	0	0
22	MSW	0	0	0	0	0	0	0	0

Table 4-23 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION	VOICE				DATA	B-CH	D-CH		
23	TR	0	0	0	0	0	0	0	0
24	OC	0	0	0	0	0	0	0	0
25	R/L	0	0	0	0	0	0	0	0
26	RVSD	0	0	0	0	0	0	0	0
27	TL	0	0	0	0	0	0	0	0
28	ANS	0	1	1	1	0	1	1	0
29	TELP	0	0	0	0	0	0	0	0
30	PAD	0	0	0	4	7	4	7	0
31	OGRL	0	0	0	0	0	1	0	0
32	ICRL	0	0	0	0	0	1	0	0
33	HD	0	0	0	0	0	0	0	0
34	GUARD	0	0	0	0	0	0	0	0
35	WINK	0	0	0	0	0	0	0	0
36	VAD	0	0	0	0	0	0	0	0
37	CLD	0	0	0	0	0	0	0	0
38	FA	0	0	0	0	0	0	0	0
39	BC	0	0	0	0	0	0	0	0
40	TCM	0	0	0	0	0	0	0	0
41	TDMQ	0	0	0	0	0	0	0	0
42	TRSC	0	0	0	0	0	0	0	0
43	BT	0	0	0	1	0	0	0	0
44	PRV	0	0	0	0	0	0	0	0
45	A/D	0	0	0	0	0	1	0	0
46	CW	0	0	0	0	0	0	0	0
47	TPQ	0	0	0	0	0	0	0	0
48	BL	0	0	0	0	0	0	0	0
49	TRKS	0	0	0	0	0	0	0	0
50	DPLY	0	0	0	1	0	1	0	0
51	ACD	0	0	0	0	0	0	0	0
52	2W/4W	0	0	0	0	0	0	0	0
53	FAAT	0	0	0	0	0	0	0	0
54	GW	0	0	0	0	0	0	0	0
55	TCMA	0	0	0	0	0	0	0	0
56	SMDR3	0	0	0	0	0	0	0	0
57	HDT	0	0	0	0	0	0	0	0
58	CD	0	0	0	0	0	0	0	0
59	CCH	0	0	0	0	0	0	0	0

Table 4-23 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION					VOICE	DATA	B-CH	D-CH	
60	TC/EC	0	0	0	0	0	0	0	0
61	IRE	0	0	0	0	0	0	0	0
62	SCR	0	0	0	0	0	0	0	0
63	LYER1	0	0	0	0	0	0	0	0
64	NET	0	0	0	0	0	0	0	0
65	INT	0	0	0	0	0			0
66	DC	0	0	0	0	0			0
67	HKS	0	0	0	0	0	0	0	0
68	SCF	0	0	0	0	0	0	0	0
69	SMDR4	0	0	0	0	0	0	0	0
70	TCMN	0	0	0	0	0	0	0	0
71	TCMC	0	0	0	0	0	0	0	0
72	MFSP	0	0	0	0	0	0	0	0
73	KPST	0	0	0	0	0	0	0	0
74	KPPT	0	0	0	0	0	0	0	0
75	STC	0	0	0	0	0	0	0	0
76	MC	0	0	0	0	0	0	0	0
77	MT	0	0	0	0	0	0	0	0
78	TONE	0	0	0	0	0	0	0	0
79	PPTM	0	0	0	0	0	0	0	0
80	MPTM	0	0	0	0	0	0	0	0
81	LPTM	0	0	0	0	0	0	0	0
82	RSAX	0	0	0	0	0	0	0	0
83	CST	0	0	0	0	0	0	0	0
84	CSEG	0	0	0	0	0	0	0	0
85	CSEU	0	0	0	0	0	0	0	0
86	CSEL	0	0	0	0	0	0	0	0
87	CMP	0	0	0	0	0	0	0	0
88	TALK	0	0	0	0	0	0	0	0
89	FOT	0	0	0	0	0	0	0	0
90	RST	0	0	0	0	0	0	0	0
91	TOCI	0	0	0	0	0	0	0	0
92	TOCD	0	0	0	0	0	0	0	0
93	ODGD	0	0	0	0	0	0	0	0
94	RLS	0	0	0	0	0	0	0	0
95	GWD	0	0	0	0	0	0	0	0
96	H1	0	0	0	0	0	0	0	0

Table 4-23 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)	
FUNCTION					VOICE	DATA	B-CH	D-CH
97	DT	0	0	0	0	0	0	0
98	CI	0	0	0	0	0	0	0
99	OID	0	0	0	0	0	0	0
100	TKS	0	0	0	0	0	0	0
101	PAD2	0	0	0	0	0	0	0
102	TRM	0	0	0	0	0	0	0
103	TRPX	0	0	0	0	0	0	0
104	LDR	0	0	0	0	0	0	0
105	TSC	0	0	0	0	0	0	0
106	SATS	0	0	0	0	0	0	0
107	RVPX	0	0	0	0	0	0	0
108	DQ	0	0	0	0	0	0	0
109	SLOV	0	0	0	0	0	0	0
110	SDTO	0	0	0	0	0	0	0
111	ADVPR	0	0	0	0	0	0	0
112	IND	0	0	0	0	0	0	0
113	UUI	0	0	0	0	0	0	0
114	DCH	0	0	0	0	0	0	0
115	CMRT	0	0	0	0	0	0	0
116	PREF	0	0	0	0	0	0	0
117	DFS	0	0	0	0	0	0	0
118	BOB	0	0	0	0	0	0	0
119	HO1CH	0	0	0	0	0	0	0
120	IFR	0	0	0	0	0	0	0
121	CONV	0	0	0	0	0	0	0
122	OPRT	0	0	0	0	0	0	0
123	CN1	0	0	0	0	0	0	0

ALRNN: Assignment of Logical Route and Route Class Data for NDM

1. General

As the functions of ALRTN, ARTD and ARTDN commands are combined into this command, it can be used to allocate the Logical Route number and to assign/delete Route Class data at the same time. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only when logging in to NCN.
2. When Route Class Data is assigned to NDM, the data is also assigned to FPC designated node.
3. In case of data deletion by this command, Route Class Data of both NDM and FPC designated node are deleted.
As the DM data set by ARTD command is also deleted in this process, when you want to delete the allocated Logical Route Number only, use ALRTN command.

3. Data Entry Instructions

See data sheet in Section 4.

ALRNN : Assignment of Logical Route and Route Class Data for NDM

4. Data Sheet

LOGICAL ROUTE (LGRT) 1-899										REMARKS
FUSION POINT CODE (FPC) 1-253										
ROUTE NUMBER (RT) 1-255										
1	OSGS	Signal Interface for Outgoing 0 = CCIS No.7 1 = RingDown 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink start) 8-15= Not used								Note: <i>The select signal in ONSG should be "DP."</i>
2	ONSG	Signal Selection for Outgoing 0 = Not used 1 = DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15=Not used								
3	ISGS	Signal Interface for Incoming 0 = CCIS No.7 1 = Ring Down 2 = Second Dial Tone 3 = Not used 4 = Sender (Immediate Start) Note 5 = Not used 6 = Sender (Delay Dial Start) 7 = Sender (Wink Start) 8-15= Not used								Note: <i>The select signal in INSG should be "DP."</i>
4	INSG	Signal Selection for Incoming 0 = Not used 1= DP, 10 pps, 33% Make 2 = PB, 60msec. Interruption or CCIS No.7 3 = DP/PB 4 = MF 5 = DP, 20 pps, 33% Make 6 = Not used 7 = DP, 20 pps, 50% Make 8 = PB, 120 msec. Interruption 9 = DP, 10 pps, 40% Make 10 = MFC 11-15=Not used								
5	TF	Type of Trunk Function 0 = Not used 1 = Outgoing Trunk (OGT) 2 = Incoming Trunk (ICT) 3 = Bothway Trunk (BWT)								

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899									REMARKS
FUSION POINT CODE (FPC) 1-253									
ROUTE NUMBER (RT) 1-255									
6	TCL	Trunk Class Specify the kind of trunk 1 = DDD Line 2 = FX 3 = WATS Line 4 = Tie Line/Announcement Trunk 5 = CCSA 6 = Toll Terminal 7 = CAS Line 8 = Paging 9 = Code Call Trunk 10 = Dictation Trunk 11 = General Paging Trunk 12 = Radio Paging Trunk 13 - 31 = Not used							
7	L/T	Line/Trunk Identification 0 = Not used (Line) 1 = Trunk	1	1	1	1	1	1	Always assign data "1."
8	RLP	Trunk Release Pattern 0 = Calling Party Release (Outgoing only) 1 = Not used 2 = First Party Release (either station or trunk side) 3 = Not used							Normally assign data "2"
9	TQ	Outgoing Trunk Queuing 0 = Out of Service 1 = In Service							
10	SMDR	Detailed Billing Information 0 = SMDR Out of Service 1 = SMDR In Service (ORT required for receiving all dialed digits)							
11	TD	Toll Denial Battery Reversal	0	0	0	0	0	0	Always assign data "0."
12	DR	Distinctive Ringing Pattern This parameter designates whether distinctive ringing will be provided for an incoming call. 0 = Distinctive Ringing is not required (ASYD, SYS 3, Index 3, Bit 0=0) 1 = Distinctive Ringing is required (ASYD, SYS 3, Index 3, Bit 0=1)							
13	AC	Flexible Routing Pattern Designation When outgoing route selection pattern number is to be determined by the AFRS command, "1" is to be assigned if the Access Code is included in the Number Pattern Code (NPC). 0 = When flexible routing is executed, numbers are translated excluding the Access Code 1 = When flexible routing is executed, numbers are translated including the Access Code							This data is valid for dummy routes. Assign data "1" for the dummy route.
14	TNT	Tenant Number Check 0 = Tenant number check is not required in trunk selection.	0	0	0	0	0	0	Always assign data "0."

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899										REMARKS
FUSION POINT CODE (FPC) 1-253										
ROUTE NUMBER (RT) 1-255										
15	LSG	Line Signal 0 = Loop 1 = Ground Start 2 = CCH 3 = Caller ID (Loop) 4 = Loop 5 = E&M 6 = DX 7 = 24V4 8 = Loop DID 9 - 11 = Not used 12 = Speech Line (for CCIS No. 7 or Bch of ISDN) 13 = Signal Line (for CCIS No. 7 or Dch of ISDN) 14 = Not used 15 = Not used	C.O. Line Tie Line							
16	SMDR2	Detailed Billing Information								See Figure 4-17 and Table 4-24 .
17	H/M	Hotel Service in CCIS No. 7 0 = Out of Service 1 = In Service								
18	MC			0	0	0	0	0	0	Always assign data "0."
19	ANI	E911 - ANI Service 0 = Out of Service 1 = In Service								
20	D			0	0	0	0	0	0	Always assign data "0."
21	MSB			0	0	0	0	0	0	Always assign data "0."
22	MSW			0	0	0	0	0	0	Always assign data "0."
23	TR	0 = - 1 = ICPT transfer by group-II signals used.								For MFC signaling

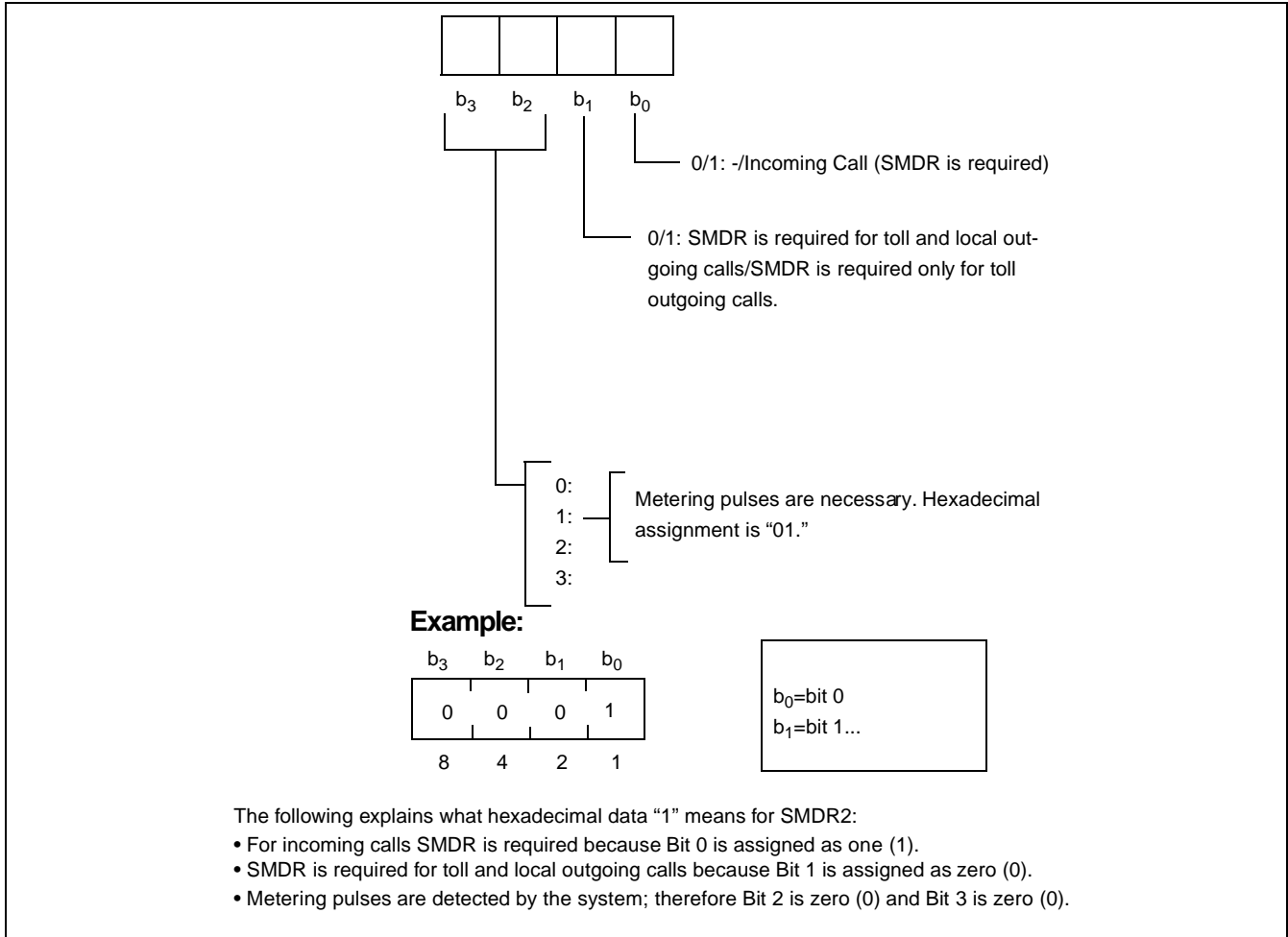


Figure 4-17 SMDR2 (ALRNN)

Table 4-24 SMDR2 (ALRNN)

CONTENTS/INPUT		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
b0	0-Detailed billing is not required for incoming calls.	×		×		×		×									
	1-Detailed billing is required for incoming calls.		×		×		×		×								
b1	0-Detailed billing is required for toll and local outgoing calls.	×	×			×	×										
	1-Detailed billing is required only for toll outgoing calls.			×	×			×	×								
b2, 3	0-																
	1-Metering pulses are used.					×	×	×	×								
	2-																
	3-																

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899								REMARKS
FUSION POINT CODE (FPC) 1-253								
ROUTE NUMBER (RT) 1-255								
32	ICRL	Release timing for incoming trunk connections. 0 = 288 msec. Note 1 = 224 msec. 2 = 288 msec. 3 = 352 msec. 4 = 416 msec. 5 = 480 msec. 6 = 544 msec. 7 = 608 msec. 8 = 672 msec. 9 = 736 msec. 10 = 800 msec. 11 = 864 msec. 12 = 928 msec. 13 = 992 msec. 14 = 1056 msec. 15 = 1120 msec.					<ul style="list-style-type: none"> Normally assign data "0". For ISDN, see Table 4-25 (Example of Route Class Settings). <p>Note: 160 msec. in case of Loop Dialing Trunk.</p>	
33	HD	Trunk Hold Timing. 0 = 10 sec. 1 = 2 sec. 2 = 4 sec. 3 = 6 sec. 4 = 8 sec. 5 = 10 sec. 6 = 12 sec. 7 = 14 sec. 8 = 16 sec. 9 = 18 sec. 10 = 20 sec. 11 = 22 sec. 12 = 24 sec. 13 = 26 sec. 14 = 28 sec. 15 = 30 sec.					Normally assign data "0".	
34	GUARD	Ground Timer Outgoing inhibit timing after trunk release. 0 = 3072 msec. 1 = 512 msec. 2 = 1024 msec. 3 = 1536 msec. 4 = 2048 msec. 5 = 2560 msec. 6 = 3072 msec. 7 = 3584 msec. 8 = 4096 msec. 9 = 4608 msec. 10 = 5120 msec. 11 = 5632 msec. 12 = 6144 msec. 13 = 6656 msec. 14 = 7168 msec. 15 = 7680 msec.					<ul style="list-style-type: none"> Normally assign data "0." For ISDN, see Table 4-25 (Example of Route Class Settings). 	
35	WINK	Width of a Wink Signal 0 = 160 msec. 1 = 64 msec. 2 = 96 msec. 3 = 128 msec. 4 = 160 msec. 5 = 192 msec. 6 = 224 msec. 7 = 265 msec. 8 = 288 msec. 9 = 320 msec. 10 = 352 msec. 11 = 384 msec. 12 = 416 msec. 13 = 448 msec. 14 = 480 msec. 15 = 512 msec.					Normally assign data "0."	
36	VAD		0	0	0	0	Always assign data "0."	
37	CLD		0	0	0	0	Always assign data "0."	
38	FA	Forced Account/Forced Authorization Code 0 = Check is not required 1 = Check is required (For Remote Access to System)						
39	BC	C.O Line Idle Balance Condition. 0 = Not balanced 1 = Balanced					For Australia only	

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899								REMARKS
FUSION POINT CODE (FPC) 1-253								
ROUTE NUMBER (RT) 1-255								
40	TCM	Travel Class Mark 0 = Out of Service 1 = In Service						
41	TDMQ	Tandem Off Hook OG Queuing 0 = Out of Service 1 = In Service						
42	TRSC	Trunk Restriction class 0 = Out of Service 1-15= In Service						See AEFR command.
43	BT	Inter-office Busy Service 0 = Out of Service 1 = In Service						For CCIS voice route, assign data "1."
44	PRV	Line Trunk Privacy 0 = Privacy Out of Service 1 = Privacy In Service For Busy Verification, Call Waiting, Executive Right of Way, Paging, Dictation, Data Communication, etc.).						
45	A/D	Analog/Digital Line Data 0 = Analog 1 = Digital						Assign data "1" only for digital T1 routes or Bch of ISDN routes.
46	CW	Call Waiting Service 0 = Out of Service 1 = In Service						
47	TPQ	Priority OG Queuing 0 = Out of Service 1 = In Service						
48	BL	Detection of Blocking Signal 0 = No detection 1 = Detection						
49	TRKS	Trunk Selection Sequence 0 = Select from the trunk which becomes idle first. 1 = Select from the trunk which becomes idle last.						Assign this data reversing to the mate office data. (Especially, for CCIS)
50	DPLY	Number Display of D ^{term} between offices 0 = Not given 1 = Given						For CCIS voice route and ISDN Bch route.
51	ACD	0 = Out of Service 1 = -	0	0	0	0		Always assign data "0" even ACD application.
52	2W/4W	2 Wires/4 Wires 0 = 2 Wires 1 = 4 Wires	0	0	0	0		Always assign data "0."
53	FAAT	Authorization Code for ATT 0 = Depends on RSC of ATT 1 = Authorization Code always required.						
54	GW	Gateway Option 0 = Out of Service 1 = Data Signaling Trunk 2-15 = Not used						
55	TCMA		0	0	0	0		Always assign data "0."
56	SMDR3	Detailed billing for outgoing in tandem connection. 0 = Required 1 = Not required						Assign this for the incoming route (ICRT), if necessary.

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899								REMARKS
FUSION POINT CODE (FPC) 1-253								
ROUTE NUMBER (RT) 1-255								
57	HDT	Heterogeneous Data Trunk 0 = Not Heterogeneous Data Trunk 1 = Heterogeneous Data Trunk						
58	CD	Consecutive Dialing 0 = Out of Service 1 = In Service						
59	CCH	Common Channel Handler 0 = CCH is not mounted (normal setting) 1 = CCH is mounted (ISDN or CCIS line)	0	0	0	0		Always assign data "0" even ISDN/CCIS.
60	TC/EC		0	0	0	0		Always assign data "0."
61	IRE	Inter-rearranging signal 1 = Supervisory						When assigning this data, zero (0) should always be entered.
62	SCR	Step Call Restriction for Tie Line Call 0 = Step call is restricted. 1 = Step call is not restricted.						
63	LYER1	Layer 1 (For ISDN) 0 = 23 B+D 1 = 30 B+D						0= μ law country 1= A law country
64	NET	User/Net Identification (For ISDN) 0 = User Side (normal setting) 1 = Network side						Normally assign data "0."
65	INT	Interface Specification (For ISDN) 0 = No.7 1 = N-ISDN2 2 = Australia 3 = INS 1500 (NTT) 4 = ITU (CCITT), ETSI 5 = AT&T (#4/#5 ESS) 6 = INS 6 4 (NTT) 7 = NT DMS 100/DMS 250 8 = Not used 9 = TTC Q931 a protocol Tie Line (JAPAN) 10 = Q-sig, (ETS 300 172)/IS-11572						
66	DC	Dialed Number Confirmation (For ISDN) 0 = Sub Addressing 1-15 = DID Addressing						Note: Other than 0= Number of Main Address Digits to be translated.
67	HKS	Hooking Service 0 = Out of Service 1 = In Service						
68	SCF	Split Call Forwarding 0 = Follow station forwarding (CF) 1 = Follow trunk forwarding (Split CF)						This data is valid when ASYDN, SYS,INDEX 79, b2 = 1.
69	SMDR4	Detailed billing for incoming in tandem connection. 0 = Required 1 = Not required						Assign this for the outgoing route (OGRT) if necessary.
70	TCMN	Number of digits of TCM (S Code) 0 = No digit 1 = 1 digit 2 = 2 digits 3 = Not used						Use this when ONSG/ INSG = 4 (MF).

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899								REMARKS
FUSION POINT CODE (FPC) 1-253								
ROUTE NUMBER (RT) 1-255								
71	TCMC	TCM and KP Sending Sequence 0 = KP-ST 1 = KP TCM-ST 2 = TCM KP-ST 3 = KP (TCM)-ST						Use this when ONSG/ INSG = 4 (MF).
72	MFSP	Sending Speed Tone ON Tone OFF Digit/sec. 0= 68 msec. 68 msec. 7.5 1= 56 msec. 56 msec. (CCITT No.5) 2= 68 msec. 32 msec. 10 3= 68 msec. 36 msec. 10 4= 48 msec. 48 msec. 10 5= 52 msec. 52 msec. 10 6-15= Not used (In case of MFC) 0 = 24.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.	Note					Note: Use this when ONSG/INSG = 4.
73	KPST	Duration of KP sending 0 = 48 msec. 1 = 56 msec. 2 = 64 msec. 3 = 72 msec. 4 = 80 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 9 = 120 msec. 10 = 128 msec. 11 = 136 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.	Note					When the monitor signal is Reverse and the data is set to "0," KP sending is stopped by reserve signal monitor at the related dis- tant office. Note: Use this when ONSG/INSG = 4.(MF)

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899							REMARKS
FUSION POINT CODE (FPC) 1-253							
ROUTE NUMBER (RT) 1-255							
74	KPPT	Pause after KP sending 0 = 48 msec. 1 = 56 msec. 5 = 88 msec. 6 = 96 msec. 7 = 104 msec. 8 = 112 msec. 12 = 144 msec. 13 = 152 msec. 14 = 160 msec. 15 = 168 msec. (In case of MFC) 0 = 12.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.	] Note				Note: Use this when ONSG/INSG = 4.(MF)
75	STC	Stop Code 0-11= Not used 12 = MF 13= Not used 14 = DTMF 15= MF (for MF signaling)					
76	MC	MP Start Cause 0 = As per ST 1 = Not used					Always set data "0."
77	MT	MF Frequency 0 = DTMF (4x4) 1 = MF (2 out of 6)					Use this when ONSG/ INSG = 4.(MF)
78	TONE	TONE Designation for TRK Call Termination 0 = DT 1-15= Not used					This data is effective when 2 (Second Dial Tone) is set in ARTDN, ISGS = 3.
79	PPTM	Sender Prepares 0 = Standard 1 = 600 msec. 2 = 800 msec. 3 = 1000 msec. 4 = 1200 msec. 5 = 1400 msec. 6 = 1600 msec. 7 = 1800 msec. 8 = 2000 msec. 9 = 2200 msec. 10 = 2400 msec. 11 = 2600 msec. 12 = 2800 msec. 13 = 3000 msec. 14 = 3200 msec. 15 = 3400 msec. (In case of MFC) 0 = 24.0 sec. 1 = 5.5 sec. 2 = 7.0 sec. 3 = 8.5 sec. 4 = 10.0 sec. 5 = 11.5 sec. 6 = 13.0 sec. 7 = 14.5 sec. 8 = 16.0 sec. 9 = 17.5 sec. 10 = 20.0 sec. 11 = 22.0 sec. 12 = 24.0 sec. 13 = 26.0 sec. 14 = 28.0 sec. 15 = 30.0 sec.					

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899								REMARKS
FUSION POINT CODE (FPC) 1-253								
ROUTE NUMBER (RT) 1-255								
80	MPTM	<p>Sender Minimum Pause</p> <p>0 = 10 PPS/600 msec., 20 PPS/450 msec.</p> <p>1 = 600 msec. 2 = 800 msec.</p> <p>3 = 1000 msec. 4 = 1200 msec.</p> <p>5 = 1400 msec. 6 = 1600 msec.</p> <p>7 = 1800 msec. 8 = 2000 msec.</p> <p>9 = 2200 msec. 10 = 2400 msec.</p> <p>11 = 2600 msec. 12 = 2800 msec.</p> <p>13 = 3000 msec. 14 = 3200 msec.</p> <p>15 = 3400 msec.</p> <p>(In case of MFC)</p> <p>0 = 12.0 sec. 1 = 5.5 sec.</p> <p>2 = 7.0 sec. 3 = 8.5 sec.</p> <p>4 = 10.0 sec. 5 = 11.5 sec.</p> <p>6 = 13.0 sec. 7 = 14.5 sec.</p> <p>8 = 16.0 sec. 9 = 17.5 sec.</p> <p>10 = 20.0 sec. 11 = 22.0 sec.</p> <p>12 = 24.0 sec. 13 = 26.0 sec.</p> <p>14 = 28.0 sec. 15 = 30.0 sec.</p>					Note: Possible to use when adjusting the inter-dict timer in DP line.	
81	LPTM	<p>Sender Inter-Digit Pause Index</p> <p>0 = DP/1 sec., PB/0.5sec. 1 = 600 msec.</p> <p>2 = 800 msec. 3 = 1000 msec.</p> <p>4 = 1200 msec. 5 = 1400 msec.</p> <p>6 = 1600 msec. 7 = 1800 msec.</p> <p>8 = 2000 msec. 9 = 2200 msec.</p> <p>10 = 2400 msec. 11 = 2600 msec.</p> <p>12 = 2800 msec. 13 = 3000 msec.</p> <p>14 = 3200 msec. 15 = 3400 msec.</p> <p>(In case of MFC)</p> <p>0 = 12.0 sec. 1 = 5.5 sec.</p> <p>2 = 7.0 sec. 3 = 8.5 sec.</p> <p>4 = 10.0 sec. 5 = 11.5 sec.</p> <p>6 = 13.0 sec. 7 = 14.5 sec.</p> <p>8 = 16.0 sec. 9 = 17.5 sec.</p> <p>10 = 20.0 sec. 11 = 22.0 sec.</p> <p>12 = 24.0 sec. 13 = 26.0 sec.</p> <p>14 = 28.0 sec. 15 = 30.0 sec.</p>					Note: Possible to use when adjusting the duration of Pause in the case of Speed Calling System or Adding digits.	
82	RSAX		0	0	0	0	Always assign data "0."	
83	CST		0	0	0	0	Always assign data "0."	
84	CSEG		0	0	0	0	Always assign data "0."	
85	CSEU		0	0	0	0	Always assign data "0."	
86	CSEL		0	0	0	0	Always assign data "0."	
87	CMP		0	0	0	0	Always assign data "0."	
88	TALK		0	0	0	0	Always assign data "0."	
89	FOT		0	0	0	0	Always assign data "0."	
90	RST		0	0	0	0	Always assign data "0."	

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899							REMARKS
FUSION POINT CODE (FPC) 1-253							
ROUTE NUMBER (RT) 1-255							
91	TOCI	Trunk Override Calling 0 = Override Inhibited (Calling side). 1 = Tie Line Override Service is provided (Calling side).					
92	TOCD	Trunk Override Called 0 = Override Inhibited (Called side). 1 = Tie Line Override Service is provided (Called side).					
93	ODGD		0	0	0	0	Always assign data "0."
94	RLS		0	0	0	0	Always assign data "0."
95	GWD	Gate Way Data Service 0= Out of Service 1 = Gate Way System 2-15= Not used					
96	H1	ISDN H1 Switching 0 = - 1 = In Service	0	0	0	0	Always assign data "0."
97	DT		0	0	0	0	
98	CI	ISDN transmitting information 0 = Out of Service 1 = 16-Digit Caller Number Service, Attribute Information Notification Service, and Calling Sub-Address Transfer Service 2-15= Not used					
99	OID		0	0	0	0	Always assign data "0."
100	TKS		0	0	0	0	Always assign data "0."
101	PAD2	Pad Control Data 2 0-7 = For Pad value, See the NEAX2400 IPX Circuit Card Manual.					PAD value can also be set by switch setting on the 8TLT (Long Line Telephone = TELT) card.
102	TRM		0	0	0	0	Always assign data "0."
103	TRPX		0	0	0	0	Always assign data "0."
104	LDR		0	0	0	0	Always assign data "0."
105	TSC		0	0	0	0	Always assign data "0."
106	SATS		0	0	0	0	Always assign data "0."
107	RVPX		0	0	0	0	Always assign data "0."
108	DQ		0	0	0	0	Always assign data "0."
109	SLOV	Slumber Time Override Service 0 = Out of Service 1 = In Service	0	0	0	0	
110	SDTO	System message automatic output when Connection Acknowledge signal has not been received. 0 = Out of Service 1 = In Service					
111	ADVPR	ISDN PRI Failure Routing Service 0 = Out of Service 1 = In Service					This data is valid for dummy routes.
112	IND	Inter-office Name Display 0 = Out of Service 1 = In Service					
113	UUI		0	0	0	0	Always assign data "0."

ALRNN : Assignment of Logical Route and Route Class Data for NDM

LOGICAL ROUTE (LGRT) 1-899							REMARKS
FUSION POINT CODE (FPC) 1-253							
ROUTE NUMBER (RT) 1-255							
114	DCH		0	0	0	0	Always assign data "0."
115	CMRT	Common use of Route Numbers of ISDN trunks 0 = Out of Service 1 = In Service					
116	PREF		0	0	0	0	Always assign data "0."
117	DFS		0	0	0	0	Always assign data "0."
118	BOB	Broad Band 0 = 64K 1 = N × 64K	0	0	0	0	
119	HO1CH		0	0	0	0	Always assign data "0."
120	IFR	Indonesia Compulsion Cut Service 0 = Out of Service 1 = In Service	0	0	0	0	Always assign data "0."
121	CONV	SMDR Called Number Conversation 0 = Conversation Number 1 = In Service					
122	OPRT	Originally Trunk Information 0 = Out of Service 1 = In Service					
123	CNI	Calling Number Identification Format 0 = No ANI 1 = Feature Group D Format 2 = Not used 3 = Not used					

Table 4-25 provides examples of standard route class settings.

Table 4-25 Examples of Route Class Settings

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION						VOICE	DATA	B-CH	D-CH
1	OSGS	2	7	0	0	0	0	0	0
2	ONSG	3	3	0	2	2	2	2	0
3	ISGS	1	7	7	0	0	0	0	0
4	INSG	3	3	3	2	2	2	2	0
5	TF	3	3	2	3	0	3	0	0
6	TCL	1	4	5	4	4	4	4	4
7	L/T	1	1	1	1	1	1	1	1
8	RLP	2	2	2	2	0	2	2	0
9	TQ	0	0	0	0	0	0	0	0
10	SMDR	1	0	0	0	0	0	0	0
11	TD	0	0	0	0	0	0	0	0
12	DR	1	0	1	0	0	0	0	0
13	AC	0	0	0	0	0	0	0	1
14	TNT	0	0	0	0	0	0	0	0

Table 4-25 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION					VOICE	DATA	B-CH	D-CH	
15	LSG	0	5	8	12	13	12	13	0
16	SMDR2	0	0	0	0	0	0	0	0
17	H/M	0	0	0	0	0	0	0	0
18	MC	0	0	0	0	0	0	0	0
19	ANI	0	0	0	0	0	0	0	0
20	D	0	0	0	0	0	0	0	0
21	MSB	0	0	0	0	0	0	0	0
22	MSW	0	0	0	0	0	0	0	0
23	TR	0	0	0	0	0	0	0	0
24	OC	0	0	0	0	0	0	0	0
25	R/L	0	0	0	0	0	0	0	0
26	RVSD	0	0	0	0	0	0	0	0
27	TL	0	0	0	0	0	0	0	0
28	ANS	0	1	1	1	0	1	1	0
29	TELP	0	0	0	0	0	0	0	0
30	PAD	0	0	0	4	7	4	7	0
31	OGRL	0	0	0	0	0	1	0	0
32	ICRL	0	0	0	0	0	1	0	0
33	HD	0	0	0	0	0	0	0	0
34	GUARD	0	0	0	0	0	0	0	0
35	WINK	0	0	0	0	0	0	0	0
36	VAD	0	0	0	0	0	0	0	0
37	CLD	0	0	0	0	0	0	0	0
38	FA	0	0	0	0	0	0	0	0
39	BC	0	0	0	0	0	0	0	0
40	TCM	0	0	0	0	0	0	0	0
41	TDMQ	0	0	0	0	0	0	0	0
42	TRSC	0	0	0	0	0	0	0	0
43	BT	0	0	0	1	0	0	0	0
44	PRV	0	0	0	0	0	0	0	0
45	A/D	0	0	0	0	0	1	0	0
46	CW	0	0	0	0	0	0	0	0
47	TPQ	0	0	0	0	0	0	0	0
48	BL	0	0	0	0	0	0	0	0
49	TRKS	0	0	0	0	0	0	0	0
50	DPLY	0	0	0	1	0	1	0	0
51	ACD	0	0	0	0	0	0	0	0
52	2W/4W	0	0	0	0	0	0	0	0

Table 4-25 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION					VOICE	DATA	B-CH	D-CH	
53	FAAT	0	0	0	0	0	0	0	0
54	GW	0	0	0	0	0	0	0	0
55	TCMA	0	0	0	0	0	0	0	0
56	SMDR3	0	0	0	0	0	0	0	0
57	HDT	0	0	0	0	0	0	0	0
58	CD	0	0	0	0	0	0	0	0
59	CCH	0	0	0	0	0	0	0	0
60	TC/EC	0	0	0	0	0	0	0	0
61	IRE	0	0	0	0	0	0	0	0
62	SCR	0	0	0	0	0	0	0	0
63	LYER1	0	0	0	0	0	0	0	0
64	NET	0	0	0	0	0	0	0	0
65	INT	0	0	0	0	0	0	0	0
66	DC	0	0	0	0	0	0	0	0
67	HKS	0	0	0	0	0	0	0	0
68	SCF	0	0	0	0	0	0	0	0
69	SMDR4	0	0	0	0	0	0	0	0
70	TCMN	0	0	0	0	0	0	0	0
71	TCMC	0	0	0	0	0	0	0	0
72	MFSP	0	0	0	0	0	0	0	0
73	KPST	0	0	0	0	0	0	0	0
74	KPPT	0	0	0	0	0	0	0	0
75	STC	0	0	0	0	0	0	0	0
76	MC	0	0	0	0	0	0	0	0
77	MT	0	0	0	0	0	0	0	0
78	TONE	0	0	0	0	0	0	0	0
79	PPTM	0	0	0	0	0	0	0	0
80	MPTM	0	0	0	0	0	0	0	0
81	LPTM	0	0	0	0	0	0	0	0
82	RSAX	0	0	0	0	0	0	0	0
83	CST	0	0	0	0	0	0	0	0
84	CSEG	0	0	0	0	0	0	0	0
85	CSEU	0	0	0	0	0	0	0	0
86	CSEL	0	0	0	0	0	0	0	0
87	CMP	0	0	0	0	0	0	0	0
88	TALK	0	0	0	0	0	0	0	0
89	FOT	0	0	0	0	0	0	0	0
90	RST	0	0	0	0	0	0	0	0

Table 4-25 Examples of Route Class Settings (Continued)

PARAMETER		KIND OF LOGICAL TRUNK ROUTE						DUMMY ROUTE	
		ANALOG C.O BWT	ACIS TIE LINE (E&M)	DID LINE	CCIS LINE		ISDN LINE (PRI)		
FUNCTION					VOICE	DATA	B-CH	D-CH	
91	TOCI	0	0	0	0	0	0	0	0
92	TOCD	0	0	0	0	0	0	0	0
93	ODGD	0	0	0	0	0	0	0	0
94	RLS	0	0	0	0	0	0	0	0
95	GWD	0	0	0	0	0	0	0	0
96	H1	0	0	0	0	0	0	0	0
97	DT	0	0	0	0	0	0	0	0
98	CI	0	0	0	0	0	0	0	0
99	OID	0	0	0	0	0	0	0	0
100	TKS	0	0	0	0	0	0	0	0
101	PAD2	0	0	0	0	0	0	0	0
102	TRM	0	0	0	0	0	0	0	0
103	TRPX	0	0	0	0	0	0	0	0
104	LDR	0	0	0	0	0	0	0	0
105	TSC	0	0	0	0	0	0	0	0
106	SATS	0	0	0	0	0	0	0	0
107	RVPX	0	0	0	0	0	0	0	0
108	DQ	0	0	0	0	0	0	0	0
109	SLOV	0	0	0	0	0	0	0	0
110	SDTO	0	0	0	0	0	0	0	0
111	ADVPR	0	0	0	0	0	0	0	0
112	IND	0	0	0	0	0	0	0	0
113	UUI	0	0	0	0	0	0	0	0
114	DCH	0	0	0	0	0	0	0	0
115	CMRT	0	0	0	0	0	0	0	0
116	PREF	0	0	0	0	0	0	0	0
117	DFS	0	0	0	0	0	0	0	0
118	BOB	0	0	0	0	0	0	0	0
119	HO1CH	0	0	0	0	0	0	0	0
120	IFR	0	0	0	0	0	0	0	0
121	CONV	0	0	0	0	0	0	0	0
122	OPRT	0	0	0	0	0	0	0	0
123	CN1	0	0	0	0	0	0	0	0

ATRK: Assignment of Trunk Data

1. General

This command assigns the trunk data as the LENS, Trunk Route number (RT) and Trunk number (TK).

2. Precautions

1. The trunk route (RT) is composed of the trunks (TK). The trunk is categorized into two kinds; the external trunk and the internal trunk.
 - (a) The External trunk is an interface to a different node.
 - (b) The Internal trunk is a common device which is accessed by a station or an external trunk.
2. The attribute data configuring the external trunk route should be assigned by the ARTD command in advance.
3. The applicable number of external trunk routes (quantity) is designated by the ASYD command, SYS1, INDEX65.
4. When trunk data has been assigned by this command, the trunk is in the “Make Busy” state. The MBTK command is used for the Make Busy control.
5. The maximum number of Attendant Console is designated by the ASYD command, SYS1, INDEX9.
6. When an Attendant Console is assigned, the following must also be entered:
 - (a) RSC: enter “0” normally
 - (b) SFC: enter “0” normally
 - (c) TN: tenant number which is handled by the ATT.

Note 1: *When less than 10 tenants, press the Enter key to jump to WRT? field.*

Note 2: *The first Tenant Number entered in TN parameter becomes the tenant number of the Attendant Console.*

7. When you enter the LENS, you should consider the port appearance of the trunk circuit card, which is shown in [Figure 4-19](#) through [Figure 4-27](#). The Group number (G) of LENS and the PCM highway running are illustrated in [Figure 4-18](#).

00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
	PWR		PWR	1/0	3/2	5/4	7/6	9/8	11/10	15/14/13/12	19/18/17/16	23/22/21/20	MUX / TSW#0	MUX / TSW#1	1/0	3/2	5/4	7/6	9/8	11/10	15/14/13/12	19/18/17/16	23/22/21/20
				HW0		HW1		HW2		HW3	HW4	HW5			HW8		HW9		HW10		HW11	HW12	HW13
	(24)		(25)	27/26		29/28		31/30							27/26		29/28		31/30				
	HW6					HW7									HW14		HW15						

Figure 4-18 Group Number of LENS

8. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
9. When deleting Attendant Console data, flip the SW00 of the ATI card into the Make Busy state before executing this command
10. When deleting the CIC trunk of CCIS, a warning message may be displayed. This message means that the CIC trunk is busy or the line concerned is not connected. Before deleting the CIC trunk, confirm the line status by means of the DCON command.
11. When the trunk data assigned by this command has been deleted, the data assigned by the ACSI/AMAT command is also cleared.

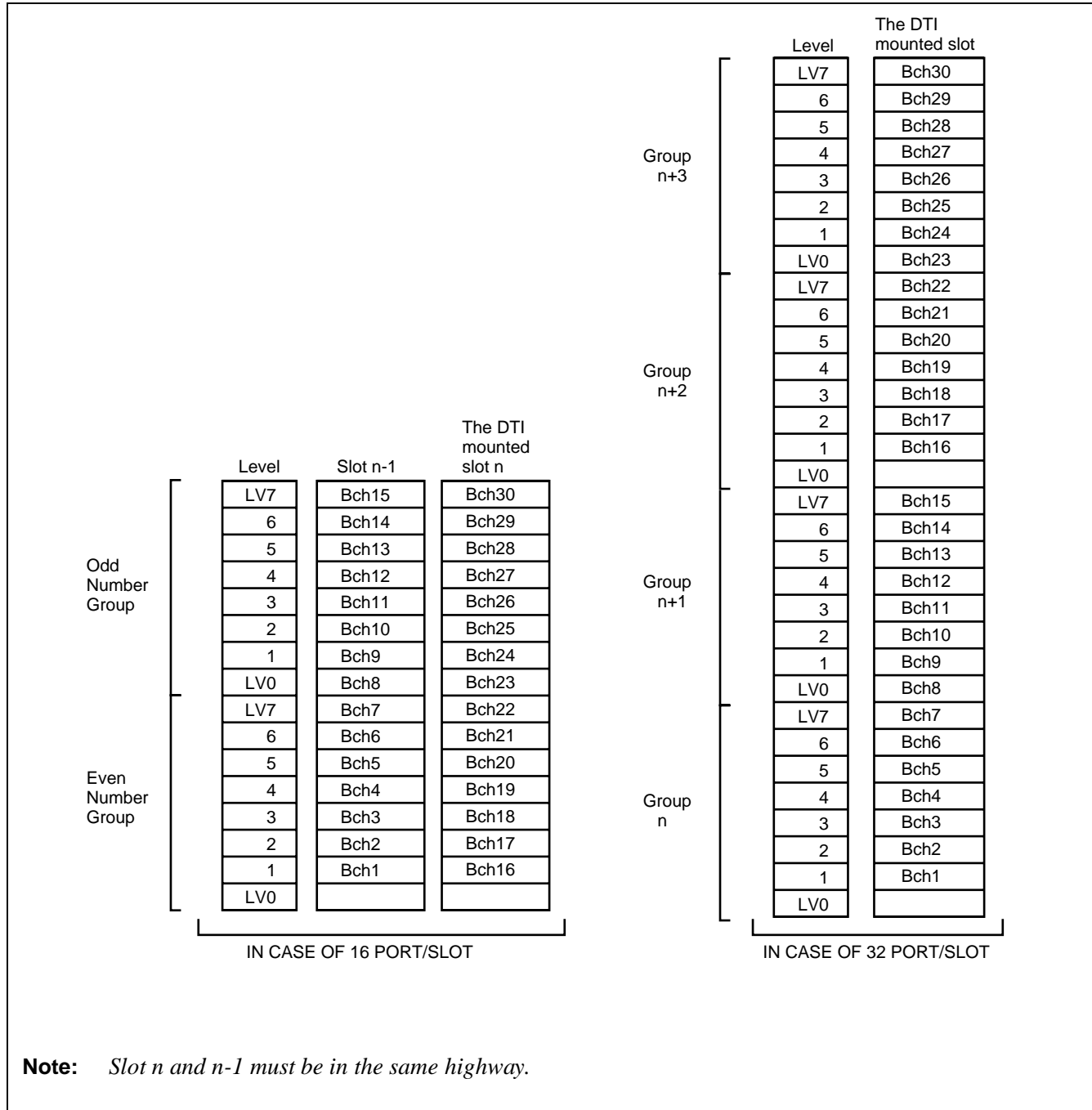
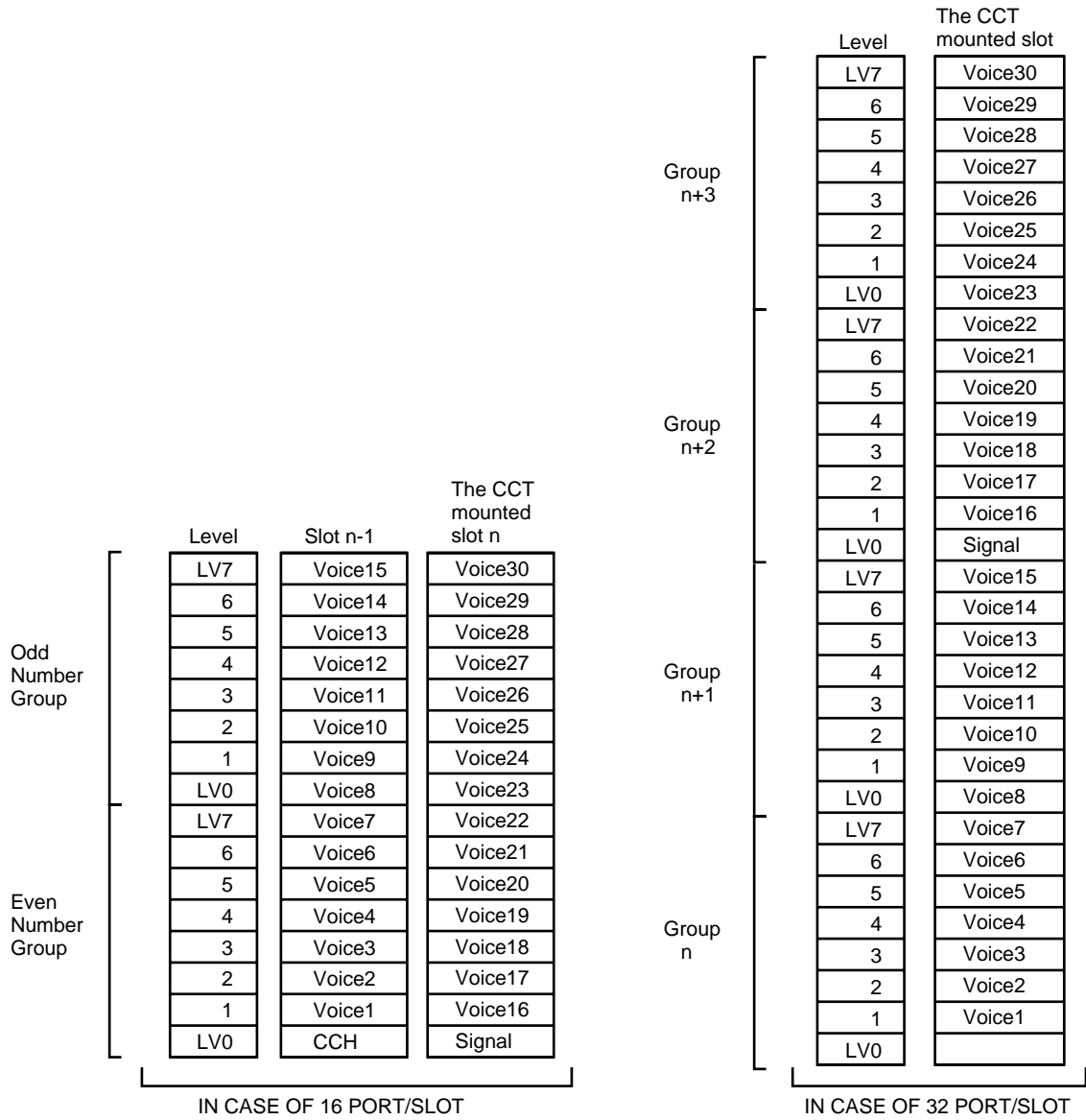


Figure 4-19 ATRK for DTI (T1)

When a signal trunk uses TS 31.



Note 1: Both Signal1 and Signal2 should be assigned as a Signal route.

Note 2: Slot n and n-1 must be in the same highway.

Figure 4-20 ATRK for CCT (T1)

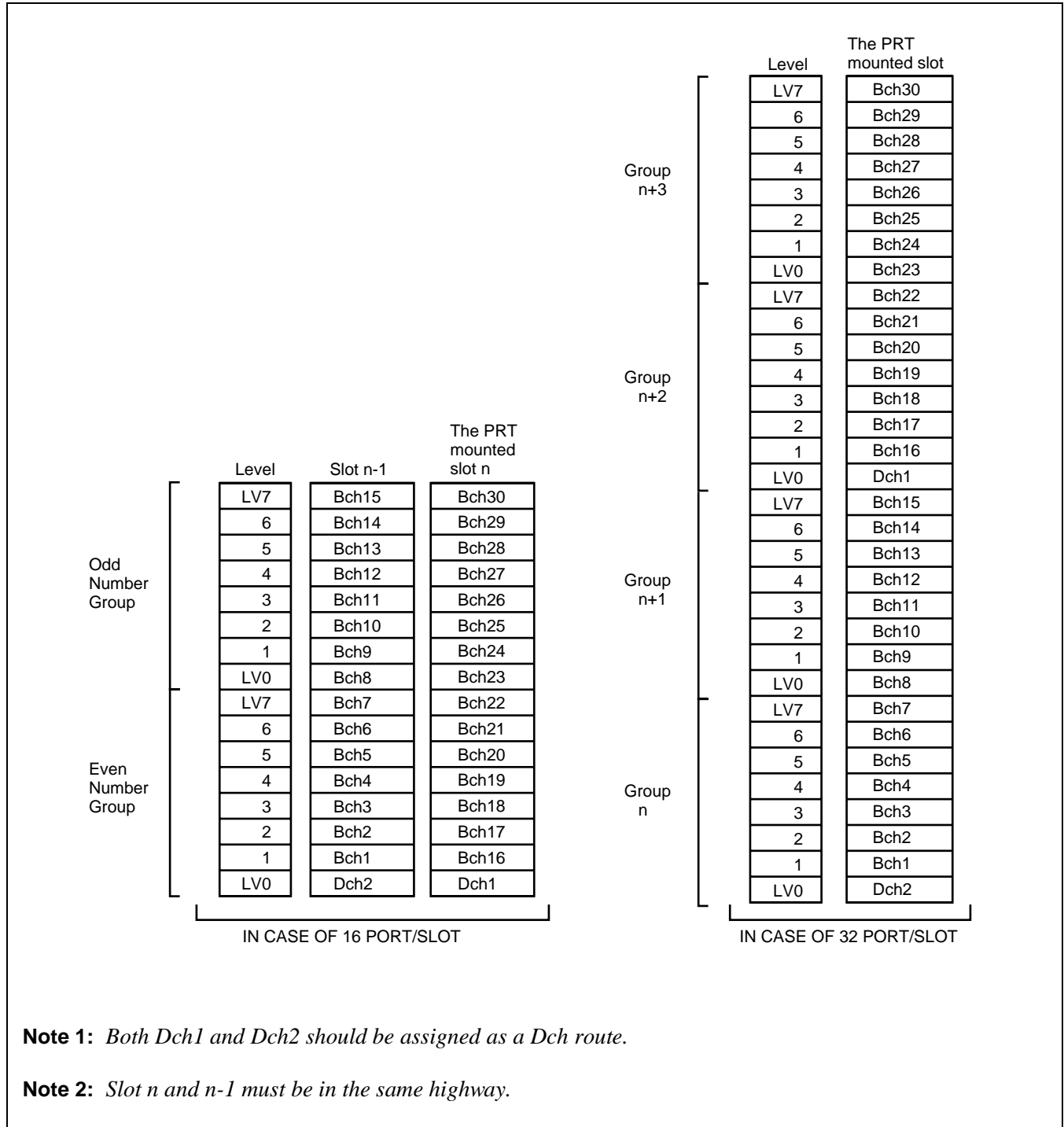


Figure 4-21 ATRK for PRT (23B+D)

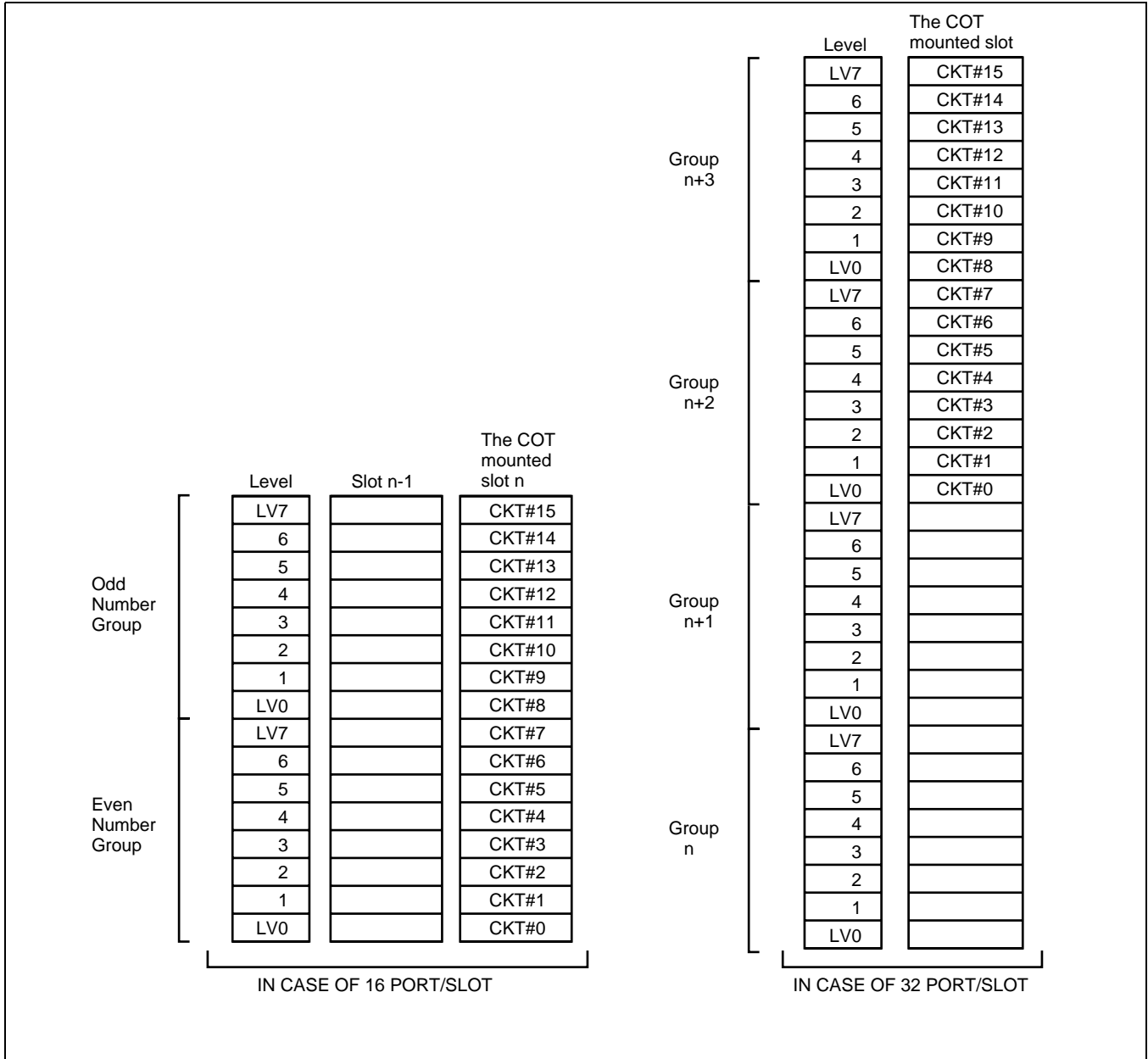


Figure 4-22 ATRK for 16 COT

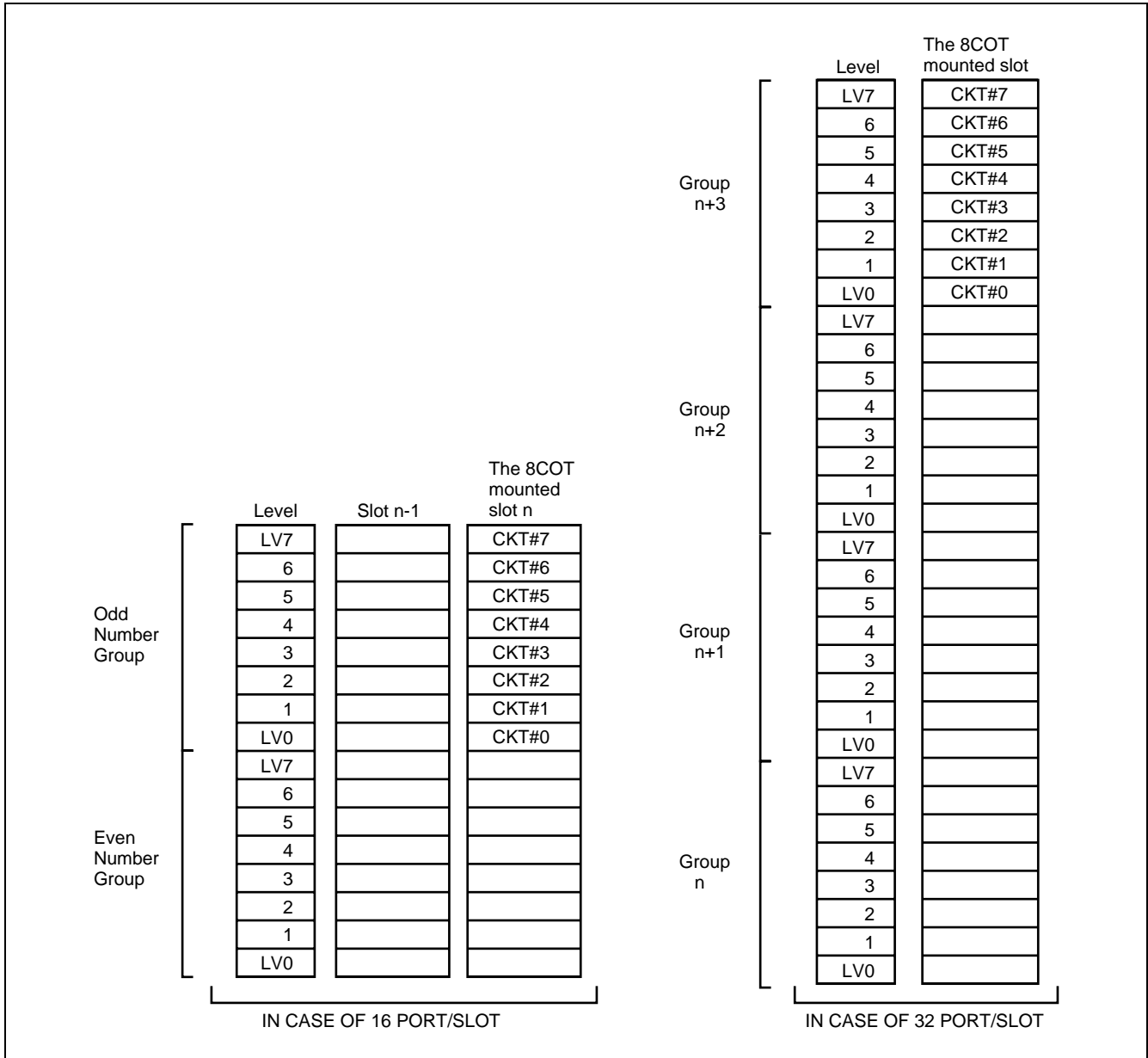


Figure 4-23 ATRK for 8 COT

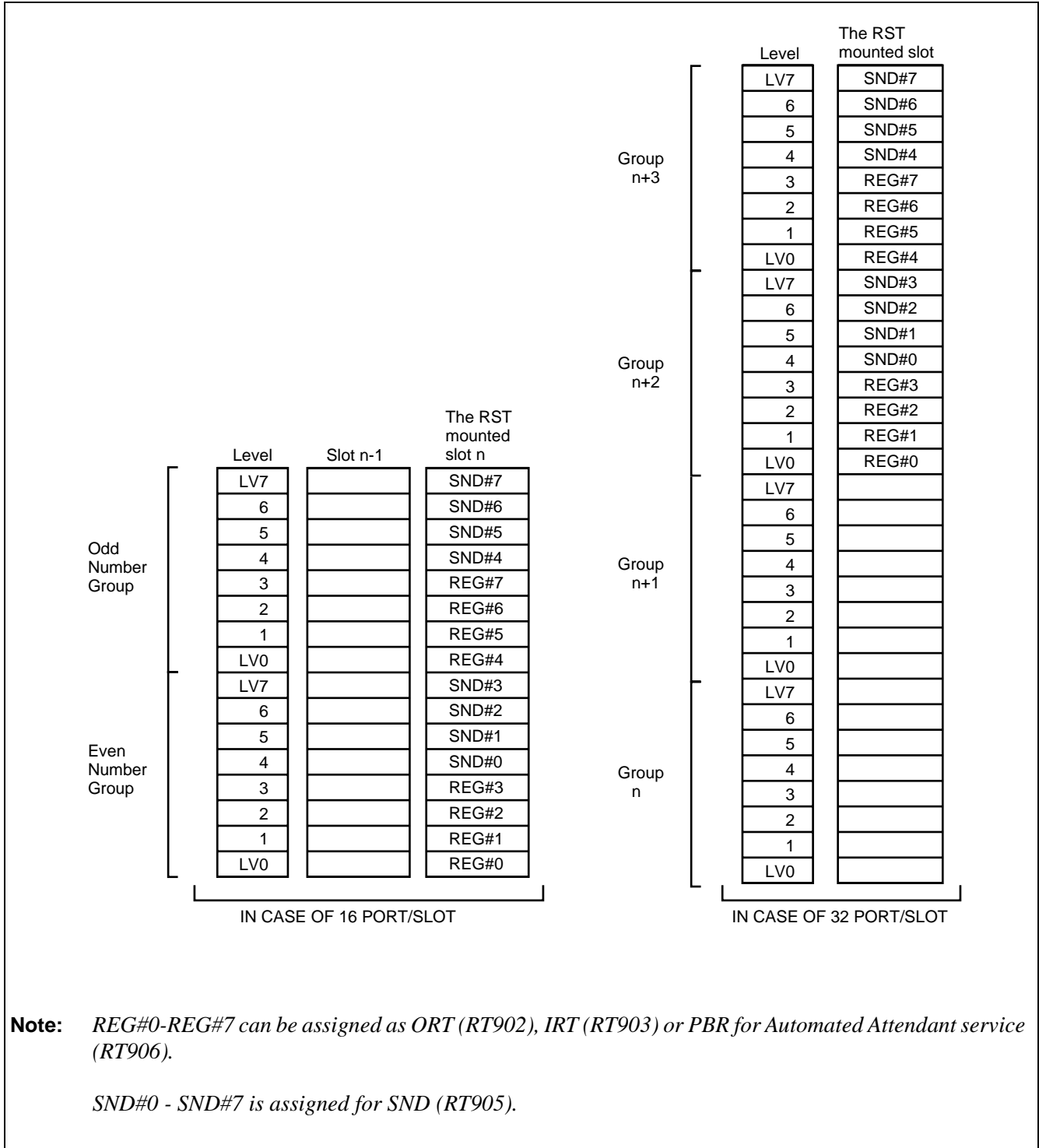


Figure 4-24 ATRK for RST

ATRK : Assignment of Trunk Data

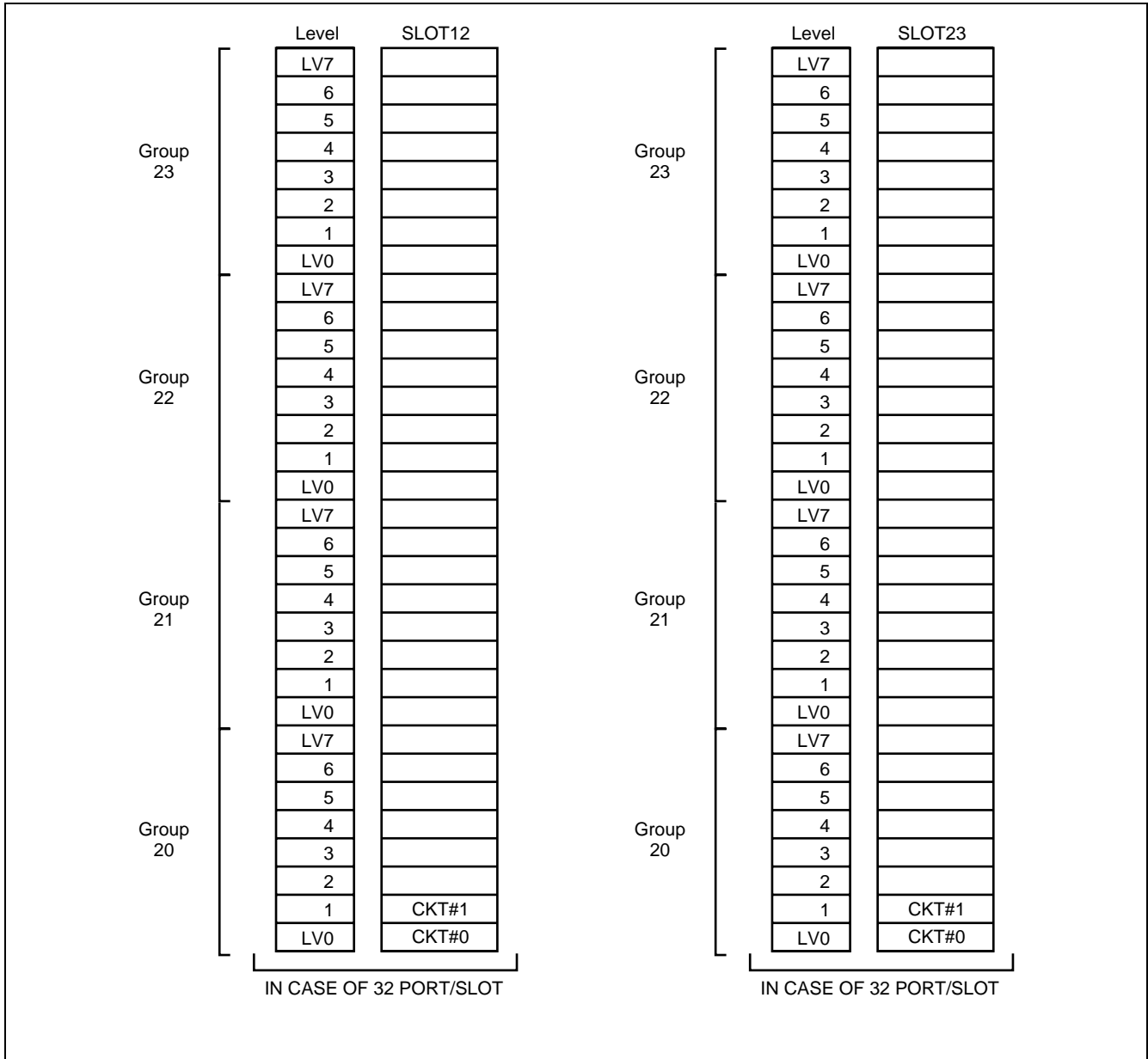


Figure 4-25 ATRK for ATI

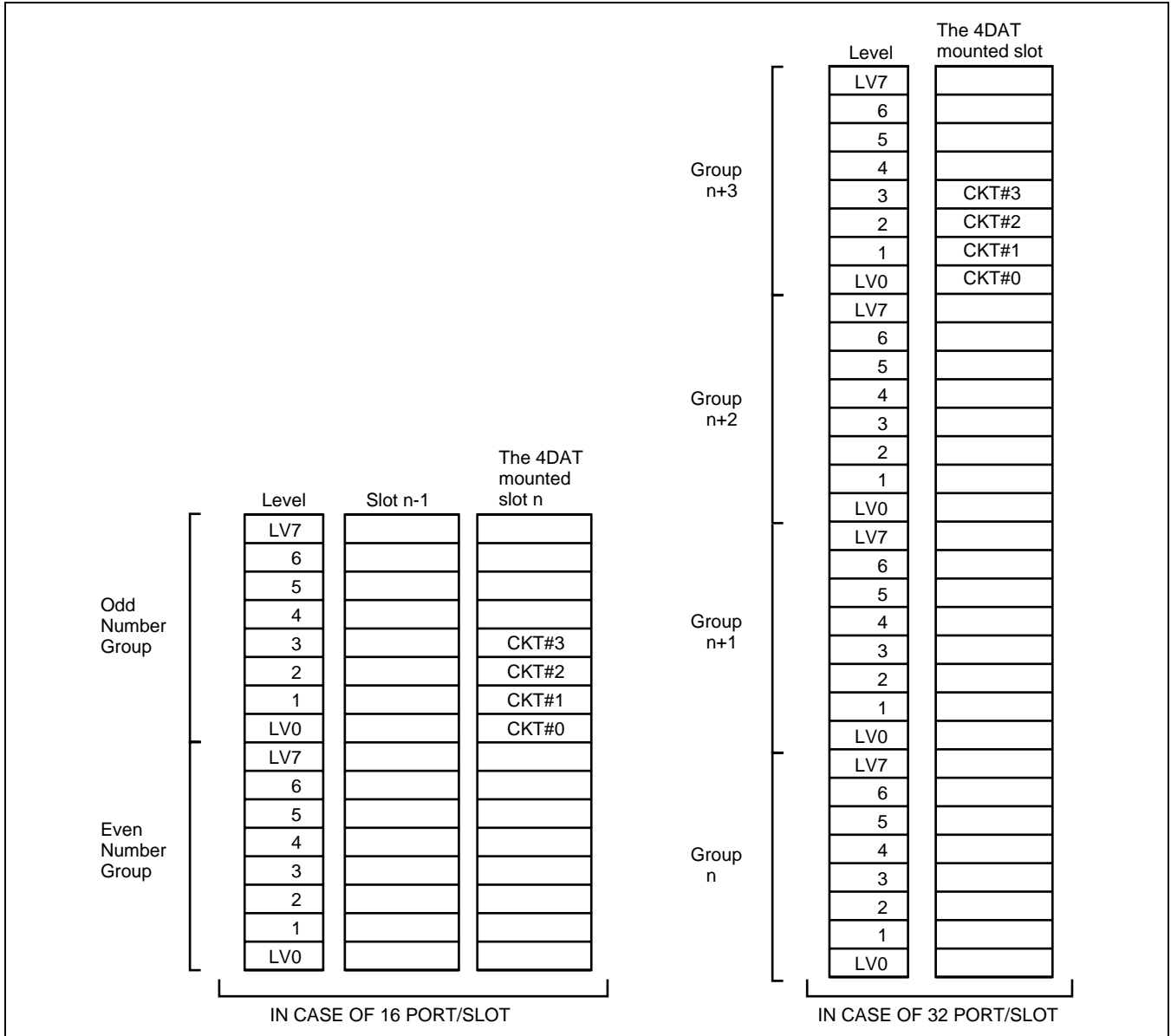


Figure 4-26 ATRK for 4DAT

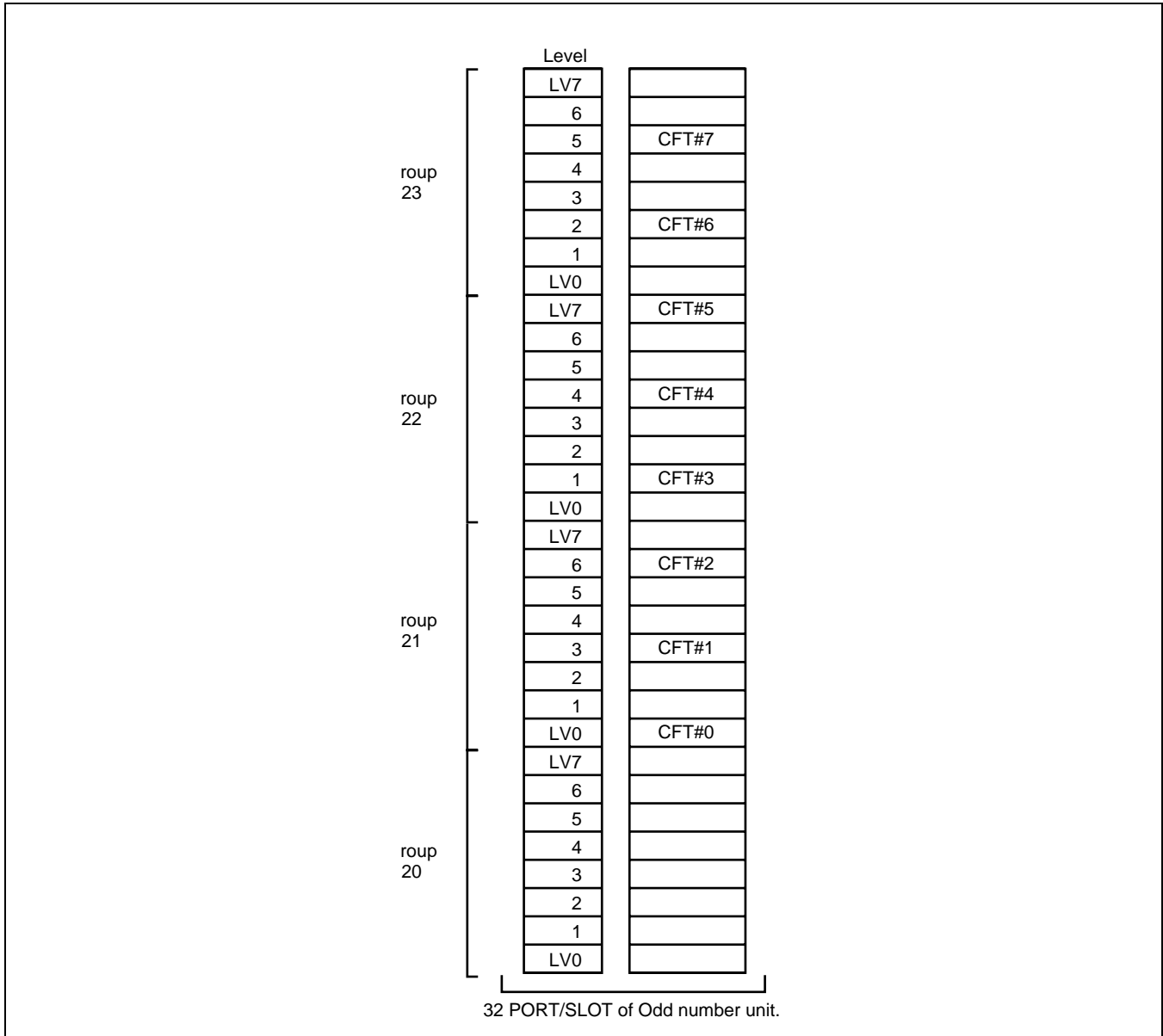


Figure 4-27 ATRK for CFT (3-Party Conference)

3. Data Entry Instructions

- Internal Trunk Route / External Trunk Route (RT number except 901)

RT

Enter the external trunk route number assigned by the ARTD command, or the internal trunk route number as listed below:

901 = ATT	902 = ORT	903 = IRT	904 = MFR	905 = SND
906 = PBR for Automated Attendant Service			907 = AMP	909 = DCFT
913 = DCFT for ATT		915 = Night ATT		
916 = MFCR	917 = MFCS	919 = DLINT (for Hotel); MODEM (for Business)		
920-926 = MODEM Pooling Trunk		929 = DST	930 = RCT	933 = CRT
934-936 = Not used		937 = MODEM Sender		938 = DLMX
939-947 = Not used				

ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				TENANT NUMBER (TN)	REMARKS
		MG	U	G	LV		
1-255	| | | |	|	|	|	|		
9XX	| | | |	|	|	|	|		

TK

Enter unique trunk number with a range from 1 to 255.

TN

The TN Parameter is appended when the external trunk route number is entered in RT parameter.

◆ Attendant Console (RT=901)

TK

Enter a unique number as the Attendant Console number

LENS

MG: 00-31, Unit :0-3, Group: 20 , Level: 0 and/or 1 for ATT

SFC

SFC = 0 should be assigned for ATT.

ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				ROUTE RESTRICTION CLASS (RSC) 0-15	SERVICE FEATURE CLASS (SFC) 0-15	TENANT		REMARKS
		MG	U	G	LV			CNT 1-10	TENANT NUMBER (TN)	
901	| | | |	|	|	2	0			1		
	| | | |	|	|	|	|			2		
	| | | |	|	|	|	|			3		

RT

RT = 901 for ATT.

RSC

RSC = 0 should be assigned for ATT.

ATRK : Assignment of Trunk Data

◆ DLMX (RT = 938)

RT
Enter "RT = 938" for DLMX.

ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				REMARKS
		MG	U	G	LV	

TK

Enter unique trunk number to the assigned Route Number with a range from 1 to 255.

LENS

Enter the mounting location of each trunk.

MG: 00-07
Unit: 0-3
Group: 1, 5, 9 (No.0 system)
3, 7, 11 (No.1 system) **Note**
Level: 7

Note: A pair of DLMX card No. 0/No. 1 system must be mounted in the same Highway Block (HW).

4. Data Sheet

(a) External Trunk Data

ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				TENANT NUMBER (TN)	REMARKS
		MG	U	G	LV		

ATRK : Assignment of Trunk Data

(b) Attendant Console Data (RT = 901)

ROUTE NUMBER (RT)	TRUNK NUMBER (TK) Note	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				ROUTE RESTRICTION CLASS (RSC) 0 - 15	SERVICE FEATURE CLASS (SFC) 0 - 15	TENANT	
		MG	U	G	LV			(CNT) 1 - 10	TENANT NUMBER (TN)
901				2	0			1	
				2	0			2	
				2	0			3	
				2	0			4	
				2	0			5	
				2	0			6	
				2	0			7	
				2	0			8	
				2	0			9	
				2	0			10	

Note: *Trunk No. refers to ATT No.*

(c) Internal Trunk Data

ROUTE NUMBER (RT) 9XX	TRUNK NUMBER (TK)	LINE EQUIPMENT NUMBER (LENS) 6 DIGITS				REMARKS
		MG	U	G	LV	

ARTKN: Assignment of Route Trunk Data for NDM

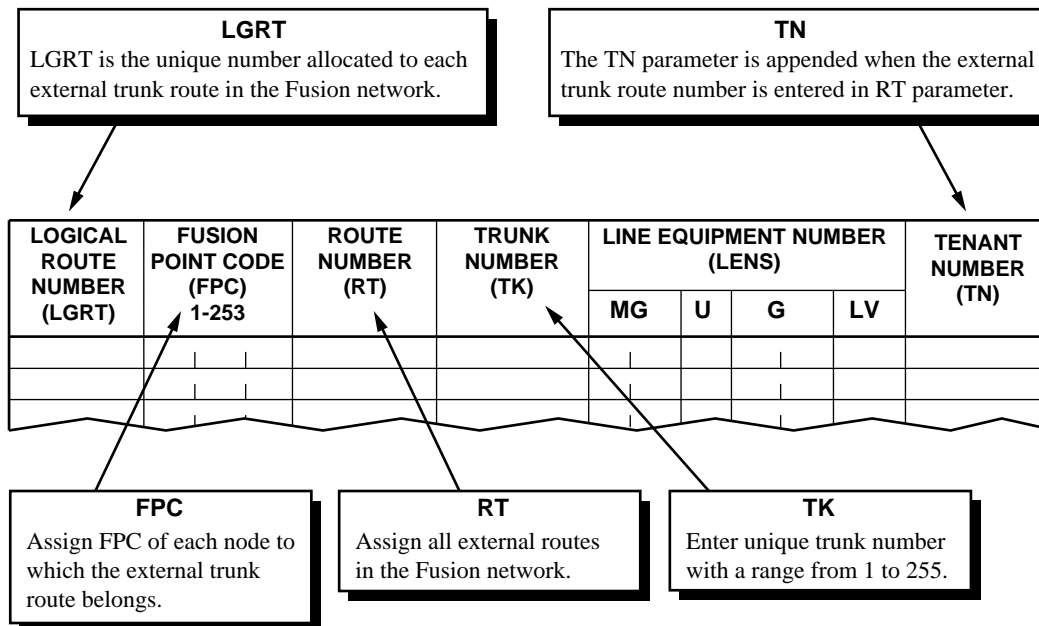
1. General

As the functions of ALRTN and ATRK commands are combined into this command, it is used to allocate both the Logical Route Number and the Trunk number (TK) at the same time. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only logging in to NCN.
2. When the Logical Route data is deleted by this command, ATRK data of FPC designated Node is also deleted. When you want to delete the allocated Logical Route data only, use ALRTN command.
3. To delete the ATRK data is failed, only the deletion of allocated Logical Route is activated.

3. Data Entry Instructions



AMAT: Assignment of Master Attendant Data

1. General

When more than one Attendant Console has been installed for one tenant, this command assigns a Master Console for controlling the Day/Night function of all the Attendant Consoles on a tenant basis.

2. Precautions

1. This assignment is necessary when Day/Night changeover is controlled by a Master Console (the ASYD command, SYS 2, INDEX 2, bit2=1 & bit3=0).
2. If this Master Console is placed in the Night mode, all incoming calls will be directed to TAS or a Night Connection Fixed station.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
4. The maximum number of Attendant Consoles (Attendant Consoles) should be assigned by the ASYD command, SYS 1, INDEX 9.

3. Data Entry Instructions

MODE

Enter the desired Attendant Console to be operated as a master.
 1 = Attendant Console which is assigned as RT = 901(ATT) by the ATRK command. (MATN)
 2 = Attendant Console which is assigned as RT = 915 (NATT) by the ATRK command. (NATN)

(MODE) 1/2	TENANT NUMBER (TN)	ATTENDANT NUMBER (ATN) 1-16	REMARKS

ATN

Enter desired Attendant Console number assigned by the ATRK command.

4. Data Sheet

MODE 1/2	TENANT NUMBER (TN)	ATTENDANT NUMBER (ATN) 1-16	REMARKS

ASAT: Assignment of Specific Attendant Number Data

1. General

This command assigns a specific Attendant Number that allows a station user to access the desired operator.

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 92, bit3=1), assign TN parameter as data "1" for all tenants.
2. The specific Attendant Number cannot be a station number or LDN already being used.
3. The maximum number of Attendant Consoles should be assigned by the ASYD command, SYS 1, INDEX 9.

3. Data Entry Instructions

TN

Enter the tenant number which affects the special attendant number

ACC

Enter the special attendant number according to the station numbering plan.

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 5 DIGITS	ATTENDANT NUMBER (ATN)	REMARKS
1	6 | 0 | 0 | 1	1	

ATN

Enter the ATN which corresponds to the TK parameter assigned by the ATRK command

4. Data Sheet

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 5 DIGITS	ATTENDANT NUMBER (ATN)	REMARKS

ASATN: Assignment of Specific Attendant Number Data for NDM

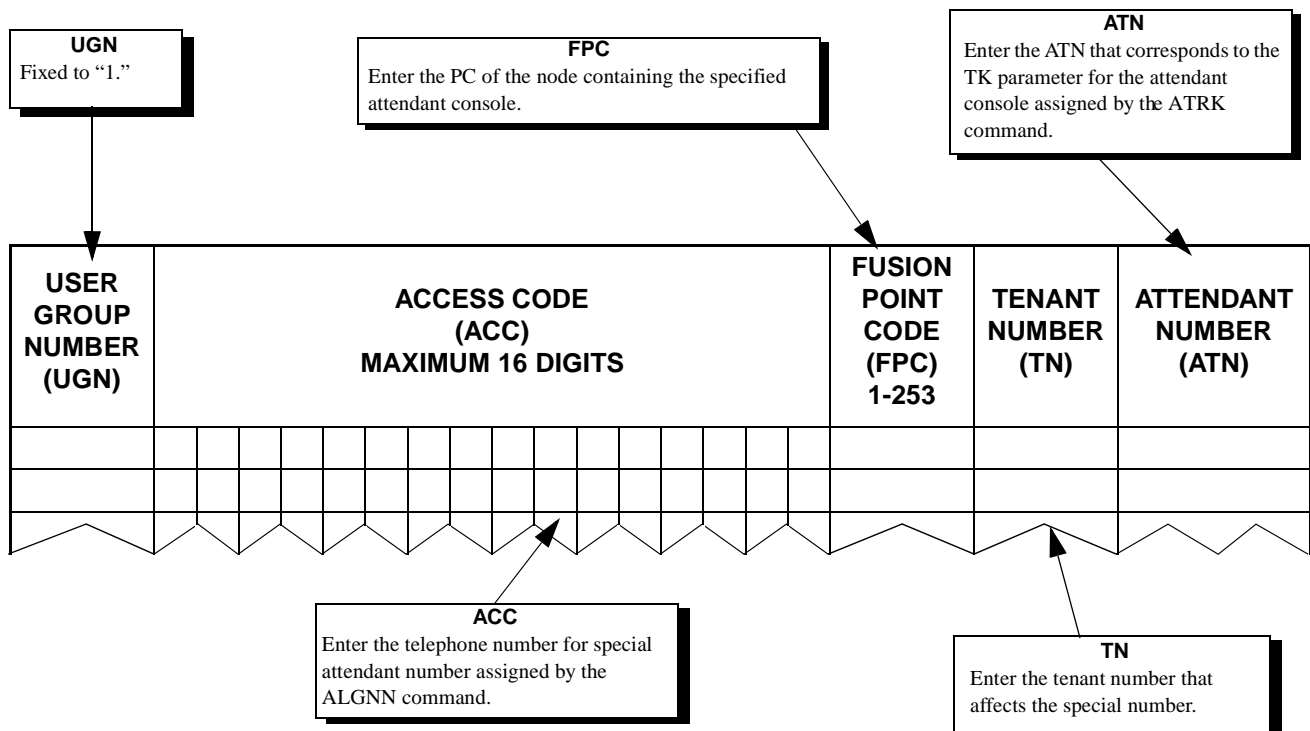
1. General

This command assigns a specific Attendant Number that allows a station user to access the desired operator. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The specific attendant number cannot be a station number or LDN already being used.
2. The maximum number of Attendant Consoles should be assigned by the ASYD command, SYS 1, INDEX 9.
3. The telephone number for specifying the attendant console must be assigned by the ALGNN command prior to this command.

3. Data Entry Instructions



4. Data Sheet

USER GROUP NUMBER (UGN)	ACCESS CODE (ACC) MAXIMUM 16 DIGITS														FUSION POINT CODE (FPC) 1-253	TENANT NUMBER (TN)	ATTENDANT NUMBER (ATN)		
1																			

ATGL: Assignment of Trunk Group Busy Lamp Data

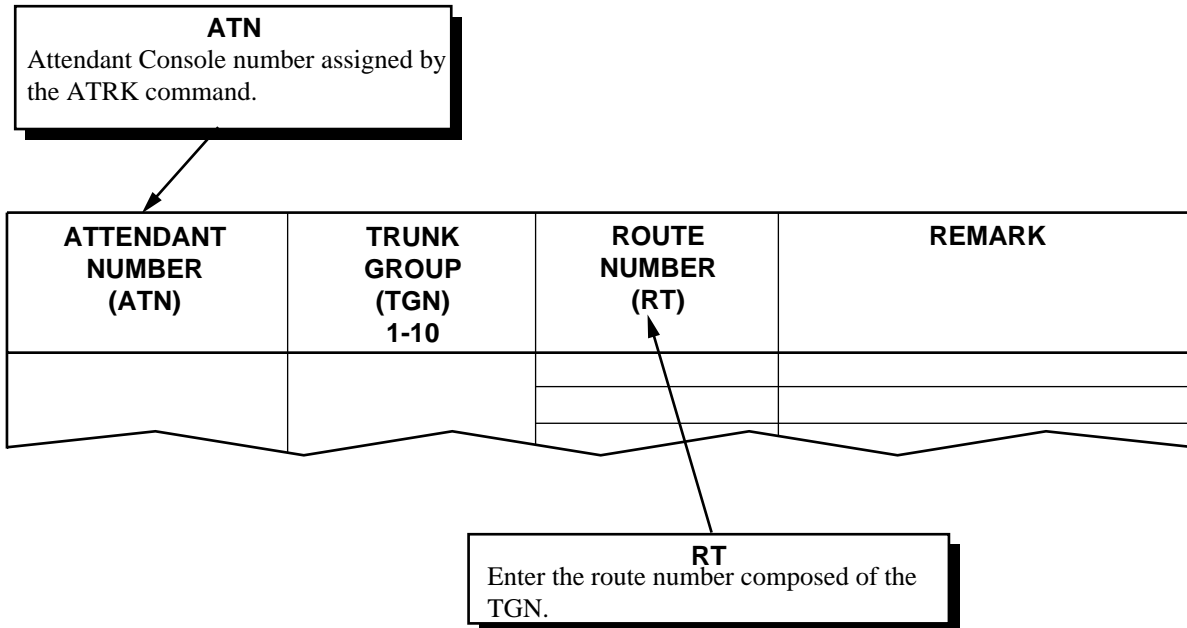
1. General

This command assigns the data related to the Trunk Group Busy Lamp which is accommodated on the Attendant Console.

2. Precautions

1. The maximum number of Attendant Consoles should be assigned by the ASYD command, SYS 1, INDEX 9.
2. The Trunk Group Busy Lamp is lit when the trunk routes specified by the RT parameter of this command are engaged.
3. The number of Trunk Group Busy Lamps to be applied (available TGN data range) is designated by the ASYD command, SYS1, INDEX15, bit0-3.

3. Data Entry Instructions



4. Data Sheet

ATTENDANT NUMBER (ATN)	TRUNK GROUP NUMBER (TGN) 1-10	ROUTE NUMBER (RT)	REMARKS

ATGLL : Assignment of Trunk Group Busy Lamp Data for LDM

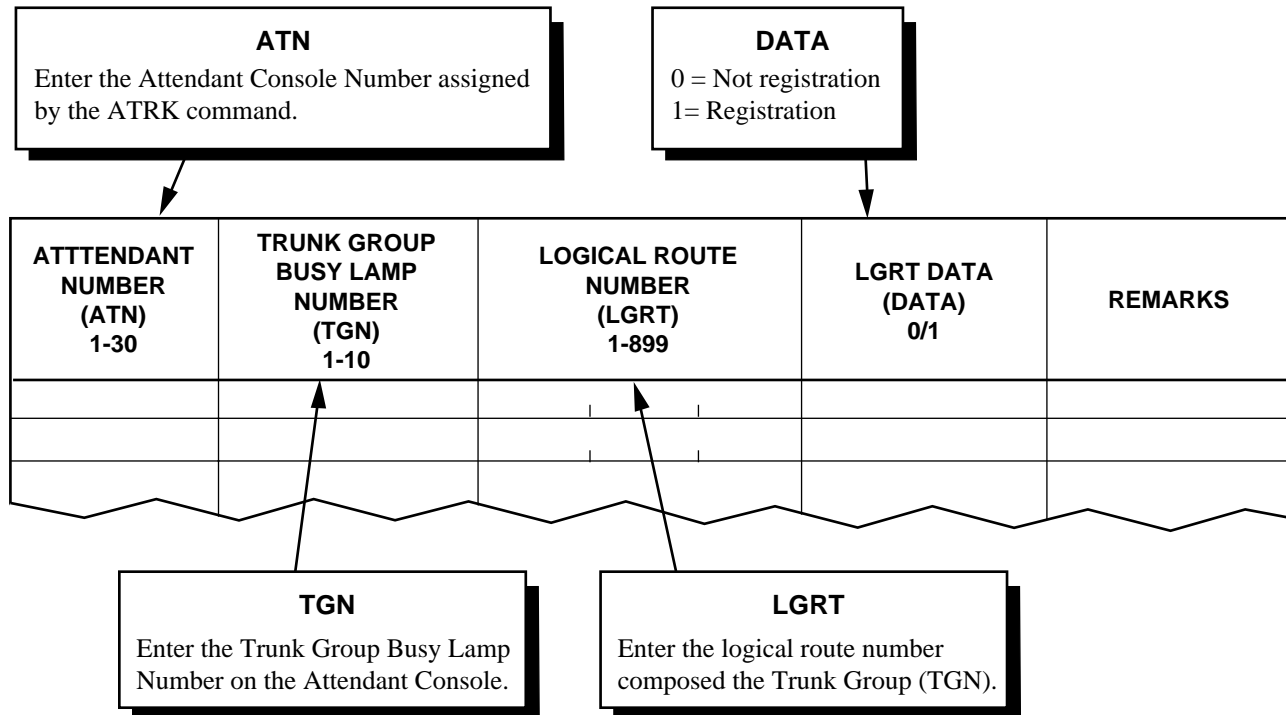
1. General

This command is used to readout/assign/delete the controlling data of Trunk Group Busy Lamp which is accommodated on the Attendant Console. This data is written in Local Data Memory (LDM).

2. Precautions

1. The number of Attendant Consoles should be assigned by the ASYD command, SYS1, INDEX9.
2. The Trunk Group Busy Lamp lit when the trunk routes specified by the LGRT parameter of this command are engaged.
3. The number of Trunk Group Busy Lamps to be applied (capable TGN data range) is assigned by the ASYD command, SYS1, INDEX15, bit0-3.

3. Data Entry Instructions



4. Data Sheet

ATTENDANT NUMBER (ATN)	TRUNK GROUP BUSY LAMP NUMBER (TGN) 1-10	LOGICAL ROUTE NUMBER (LGRT) 1-899	LGRT DATA (DATA) 0/1	REMARKS

AAKP: Assignment of ATT Key Position

1. General

This command sets the functions of the top row of Incoming Call Identification (ICI) keys for answering incoming calls at the Attendant Console.

2. Precautions

1. This command can be executed under one of following conditions:
 - (a) The ATI circuit card is not mounted.
 - (b) The ATT has been made busy using the MB switch on the ATI circuit card.
 - (c) The DAY/NIGHT key on the ATT is set to the NIGHT position.
2. When the location of keys has been changed, the number of waiting call display (ASYD, SYS2, INDEX 8 and INDEX 9) is invalid for the ICI key (Off Hook Alarm Priority Call) programmed by this command.
3. The Attendant Console number (ATN) is the number assigned at the TK parameter of the ATRK command.
4. The maximum number of Attendant Consoles should be assigned by the ASYD command, SYS 1, INDEX 9.
5. The location of the keys that can be set by this command is shown in [Figure 4-28](#).

- Desk Console

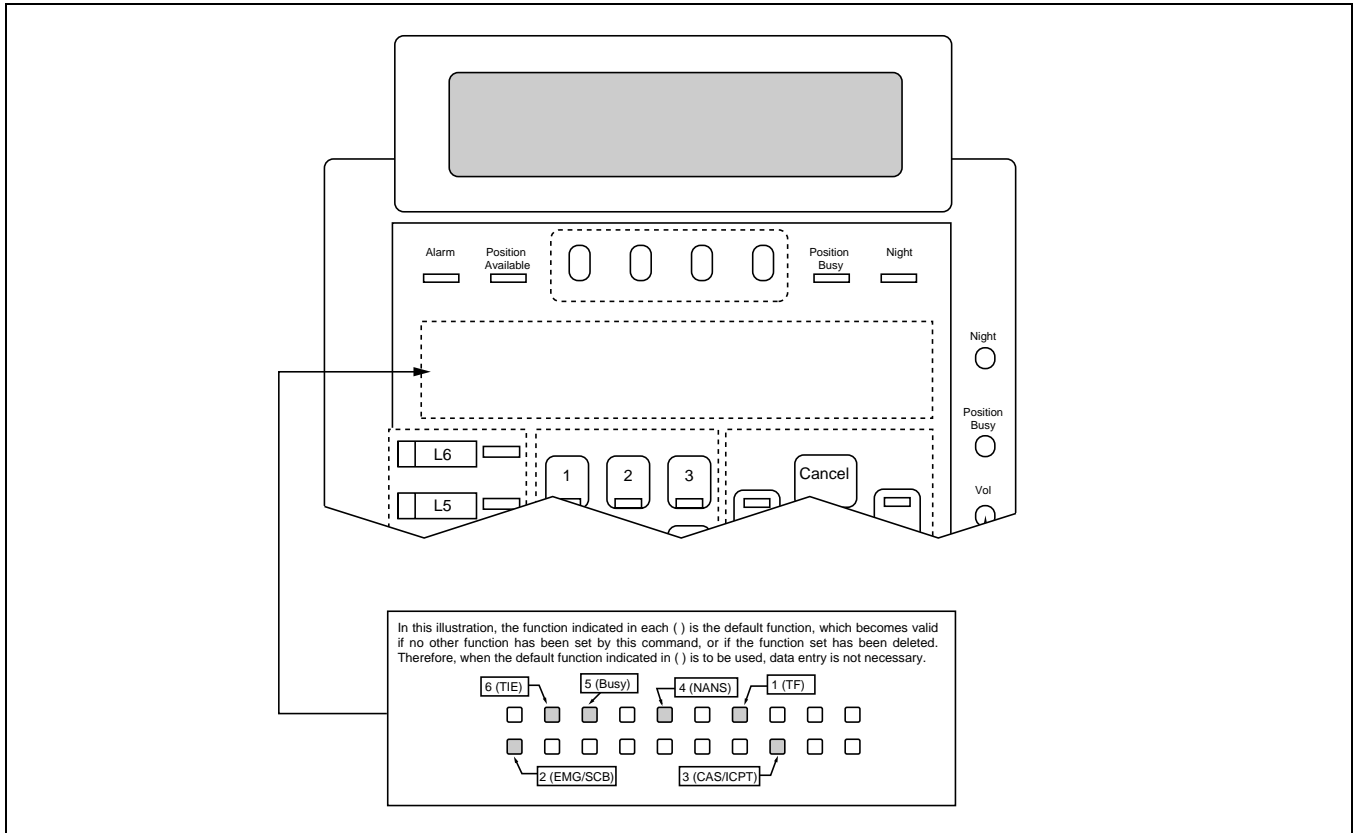
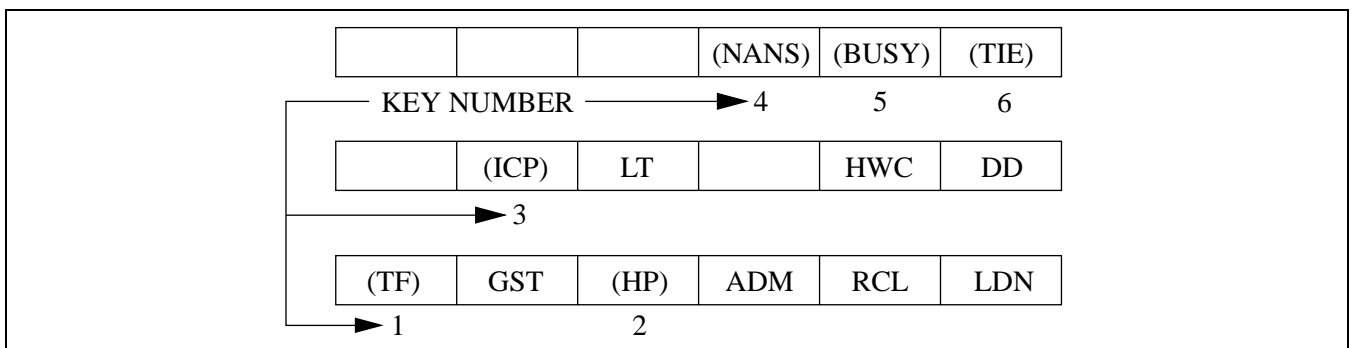


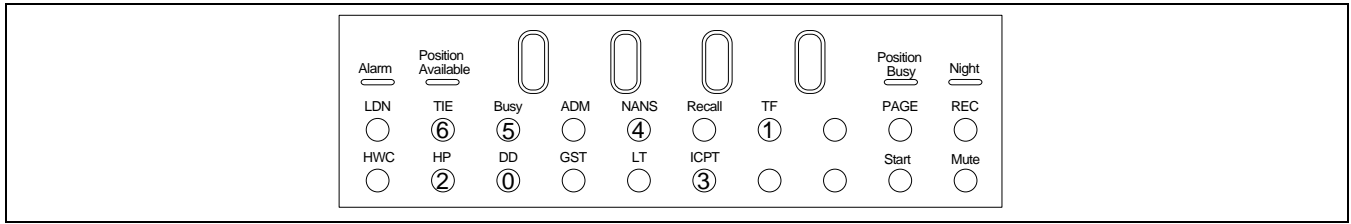
Figure 4-28 ATT Key Position (Desk Console - Business)

- Hotel Attendant Console



AAKP : Assignment of ATT Key Position

- Hotel Desk Console



3. Data Entry Instructions

FUNC

1 = CAS Line 2 = Off-Hook Alarm
 3 = Priority Call 1 4 = Priority Call 2
 5 = Priority Call 3 6-16 = Not used

ATTENDANT CONSOLE NUMBER (ATN)	KEY NUMBER (KYN) 1-6	FUNCTION CODE (FUNC) 1-16
1	1	1
	2	

ATN

Enter the attendant console number.
 The number corresponds to the trunk number assigned by the ATRK command.

4. Data Sheet

ATTENDANT NUMBER (ATN)	KEY NUMBER (KYN) 1-6	FUNCTION CODE (FUNC) 1-16	ATTENDANT NUMBER (ATN)	KEY NUMBER (KYN) 1-6	FUNCTION CODE (FUNC) 1-16
	1			1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	1			1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	1			1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	
	1			1	
	2			2	
	3			3	
	4			4	
	5			5	
	6			6	

ACOC: Assignment of Central Office Code

1. General

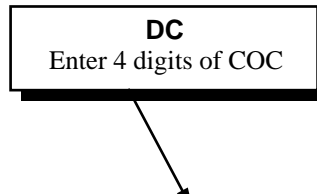
This command assigns the C.O. line code and tie line code corresponding to particular trunks.

2. Precautions

1. The Central Office Code (COC) assigned by this command is displayed on ATTCON and also the D^{term} instead of the trunk number.
2. The COC assigned by this command is used to specify a trunk by the Individual Trunk Access service feature.
3. This command affects the trunk route assigned R/L = 1 by the ARTD command.
4. The Listed Directory Number (LDN) can be assigned as COC, and is convenient to identify the trunk.

3. Data Entry Instructions

DC
Enter 4 digits of COC



ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	DIGIT CODE (DC)	REMARKS

ACOC_LR: Assignment of Central Office Code – Logical Route Number

1. General

This command is used to assign C.O. line code and tie line code corresponding to particular trunks. Route Number of the ACOC command can be assigned by using Logical Route.

2. Precautions

1. Prior to this command, logical route data must be allocated by using the ALRTN command.
2. Only when logging in to the NCN (Network Control Node), this command can be used to assign the logical route data of self-Node and the other Nodes in the Fusion Network. If logging in to a LN (Local Node), data setting only for the self-node is available. (Error message is indicated if you try to write the data of other Node.)
3. The Central Office Code (COC) assigned by this command is displayed on ATTCON and also D^{term} instead of the trunk number.
4. The COC assigned by this command is used to specify a trunk by the Individual Trunk Access service feature.
5. This command affects the trunk route assigned the R/L = 1 by the ARTD command.
6. The Listed Directory Number (LDN) can be assigned as COC, and is convenient to identify the trunk.

3. Data Entry Instructions

LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	EXTERNAL ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	DIGIT CODE (DC) MAX. 4 DIGITS [0-9, *, #]	REMARKS

DC
Enter 4 digits of Central Office Code.

4. Data Sheet

LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	EXTERNAL ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	DIGIT CODE (DC) MAX. 4 DIGITS [0-9, *, #]	REMARKS

ACID: Assignment of Caller ID Data

1. General

This command assigns calling number data for the following services:

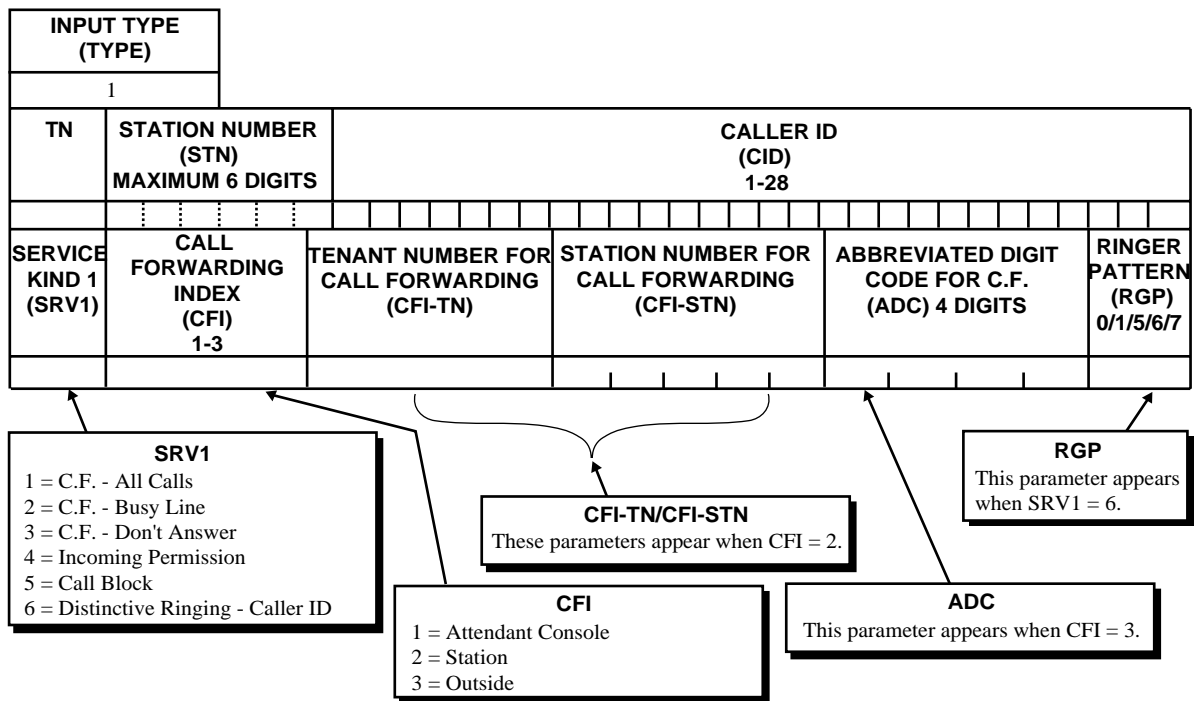
- Call Block
- Distinctive Ringing - Caller ID
- Representation Name

2. Precautions

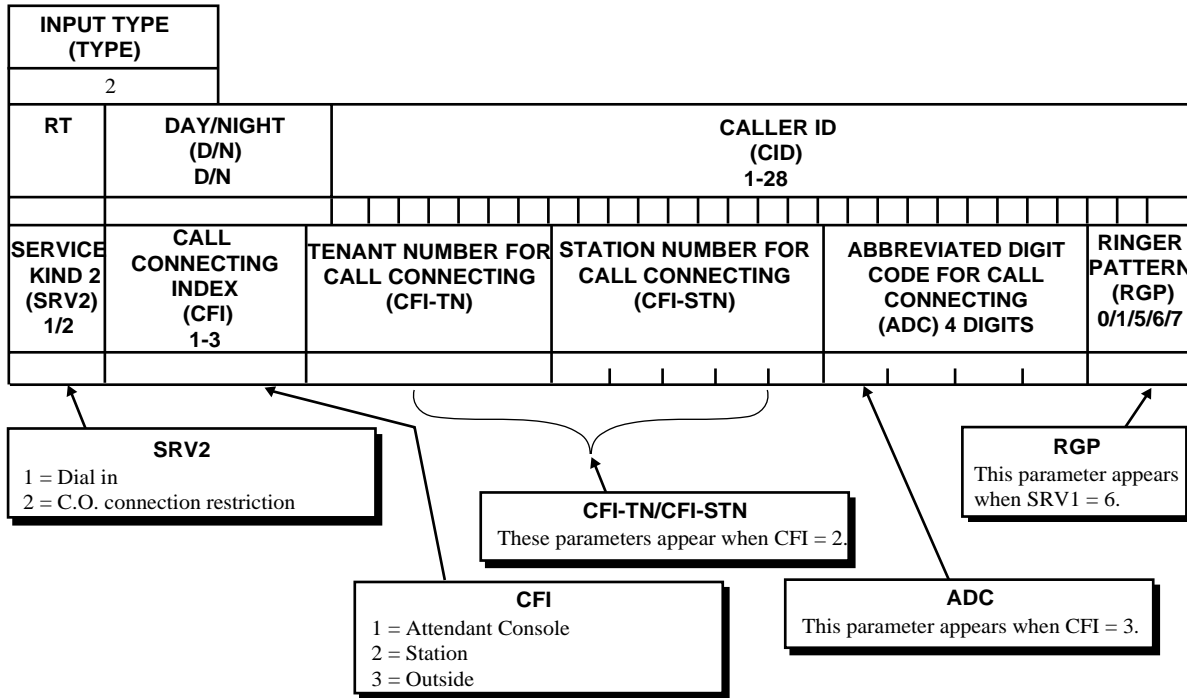
1. A maximum of 28 calling numbers can be assigned to a single station.

3. Data Entry Instructions

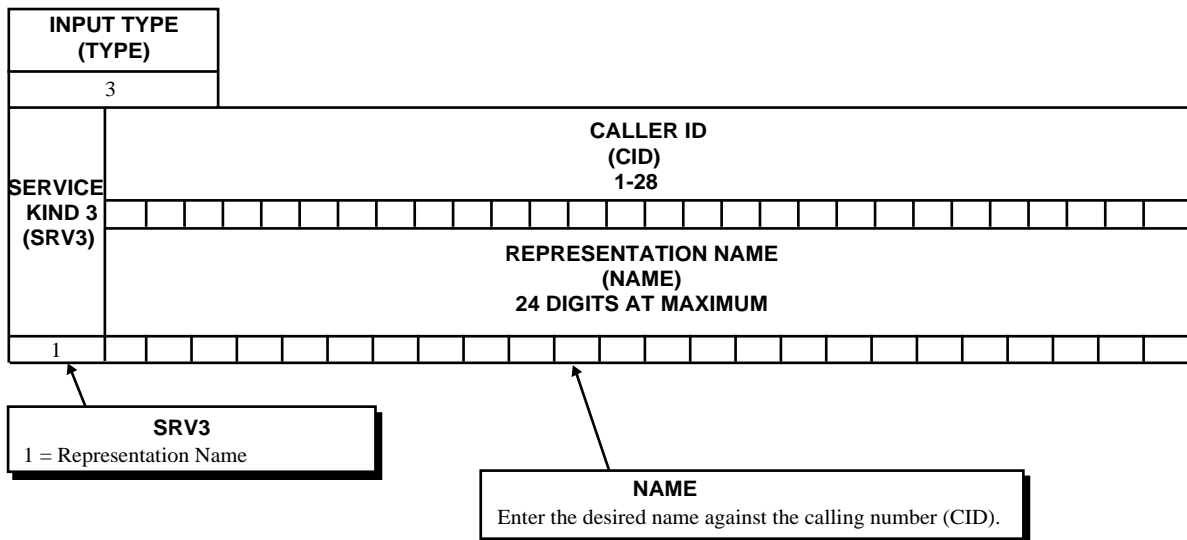
◆ When TYPE=1 (Transfer, Incoming Permission denial) is assigned



- ◆ When TYPE=2 (Dial-in, C.O. connect restriction) is assigned



- ◆ When TYPE=3 (Representation Name) is assigned



ACID : Assignment of Caller ID Data

(a) When TYPE = 1 (Transfer, Incoming Permission denial) is assigned

TN	STATION NUMBER (STN) MAXIMUM 6 DIGITS	CALLER ID (CID) 1-28									
SERVICE KIND 1 (SRV1)	CALL FORWARDING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL FORWARDING (CFI-TN)	STATION NUMBER FOR CALL FORWARDING (CFI-STN)	ABBREVIATED DIGIT CODE FOR C.F. (ADC) 4 digits	RINGER PATTERN (RGP) 0/1/5/6/7						
TN	STATION NUMBER (STN) MAXIMUM 6 DIGITS	CALLER ID (CID) 1-28									
SERVICE KIND 1 (SRV1)	CALL FORWARDING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL FORWARDING (CFI-TN)	STATION NUMBER FOR CALL FORWARDING (CFI-STN)	ABBREVIATED DIGIT CODE FOR C.F. (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
TN	STATION NUMBER (STN) MAXIMUM 6 DIGITS	CALLER ID (CID) 1-28									
SERVICE KIND 1 (SRV1)	CALL FORWARDING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL FORWARDING (CFI-TN)	STATION NUMBER FOR CALL FORWARDING (CFI-STN)	ABBREVIATED DIGIT CODE FOR C.F. (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
TN	STATION NUMBER (STN) MAXIMUM 6 DIGITS	CALLER ID (CID) 1-28									
SERVICE KIND 1 (SRV1)	CALL FORWARDING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL FORWARDING (CFI-TN)	STATION NUMBER FOR CALL FORWARDING (CFI-STN)	ABBREVIATED DIGIT CODE FOR C.F. (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						

(b) When TYPE = 2 (Dial-in, C.O. connect restriction) is assigned

RT	DAY/NIGHT (D/N) D/N	CALLER ID (CID) 1-28									
SERVICE KIND 2 (SRV2) 1/2	CALL CONNECTING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL CONNECTING (CFI-TN)	STATION NUMBER FOR CALL CONNECTING (CFI-STN)	ABBREVIATED DIGIT CODE FOR CALL CONNECTING (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
RT	DAY/NIGHT (D/N) D/N	CALLER ID (CID) 1-28									
SERVICE KIND 2 (SRV2) 1/2	CALL CONNECTING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL CONNECTING (CFI-TN)	STATION NUMBER FOR CALL CONNECTING (CFI-STN)	ABBREVIATED DIGIT CODE FOR CALL CONNECTING (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
RT	DAY/NIGHT (D/N) D/N	CALLER ID (CID) 1-28									
SERVICE KIND 2 (SRV2) 1/2	CALL CONNECTING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL CONNECTING (CFI-TN)	STATION NUMBER FOR CALL CONNECTING (CFI-STN)	ABBREVIATED DIGIT CODE FOR CALL CONNECTING (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
RT	DAY/NIGHT (D/N) D/N	CALLER ID (CID) 1-28									
SERVICE KIND 2 (SRV2) 1/2	CALL CONNECTING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL CONNECTING (CFI-TN)	STATION NUMBER FOR CALL CONNECTING (CFI-STN)	ABBREVIATED DIGIT CODE FOR CALL CONNECTING (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						
RT	DAY/NIGHT (D/N) D/N	CALLER ID (CID) 1-28									
SERVICE KIND 2 (SRV2) 1/2	CALL CONNECTING INDEX (CFI) 1-3	TENANT NUMBER FOR CALL CONNECTING (CFI-TN)	STATION NUMBER FOR CALL CONNECTING (CFI-STN)	ABBREVIATED DIGIT CODE FOR CALL CONNECTING (ADC) 4 DIGITS	RINGER PATTERN (RGP) 0/1/5/6/7						

ACID : Assignment of Caller ID Data

(c) When TYPE = 3 (Representation Name) is assigned

SERVICE KIND 3 (SRV3)	CALLER ID (CID) 1-28																							
	REPRESENTATION NAME (NAME) 24 DIGITS AT MAXIMUM																							
1																								
SERVICE KIND 3 (SRV3)	CALLER ID (CID) 1-28																							
	REPRESENTATION NAME (NAME) 24 DIGITS AT MAXIMUM																							
1																								
SERVICE KIND 3 (SRV3)	CALLER ID (CID) 1-28																							
	REPRESENTATION NAME (NAME) 24 DIGITS AT MAXIMUM																							
1																								
SERVICE KIND 3 (SRV3)	CALLER ID (CID) 1-28																							
	REPRESENTATION NAME (NAME) 24 DIGITS AT MAXIMUM																							
1																								
SERVICE KIND 3 (SRV3)	CALLER ID (CID) 1-28																							
	REPRESENTATION NAME (NAME) 24 DIGITS AT MAXIMUM																							
1																								

APAD: Assignment of PAD Data

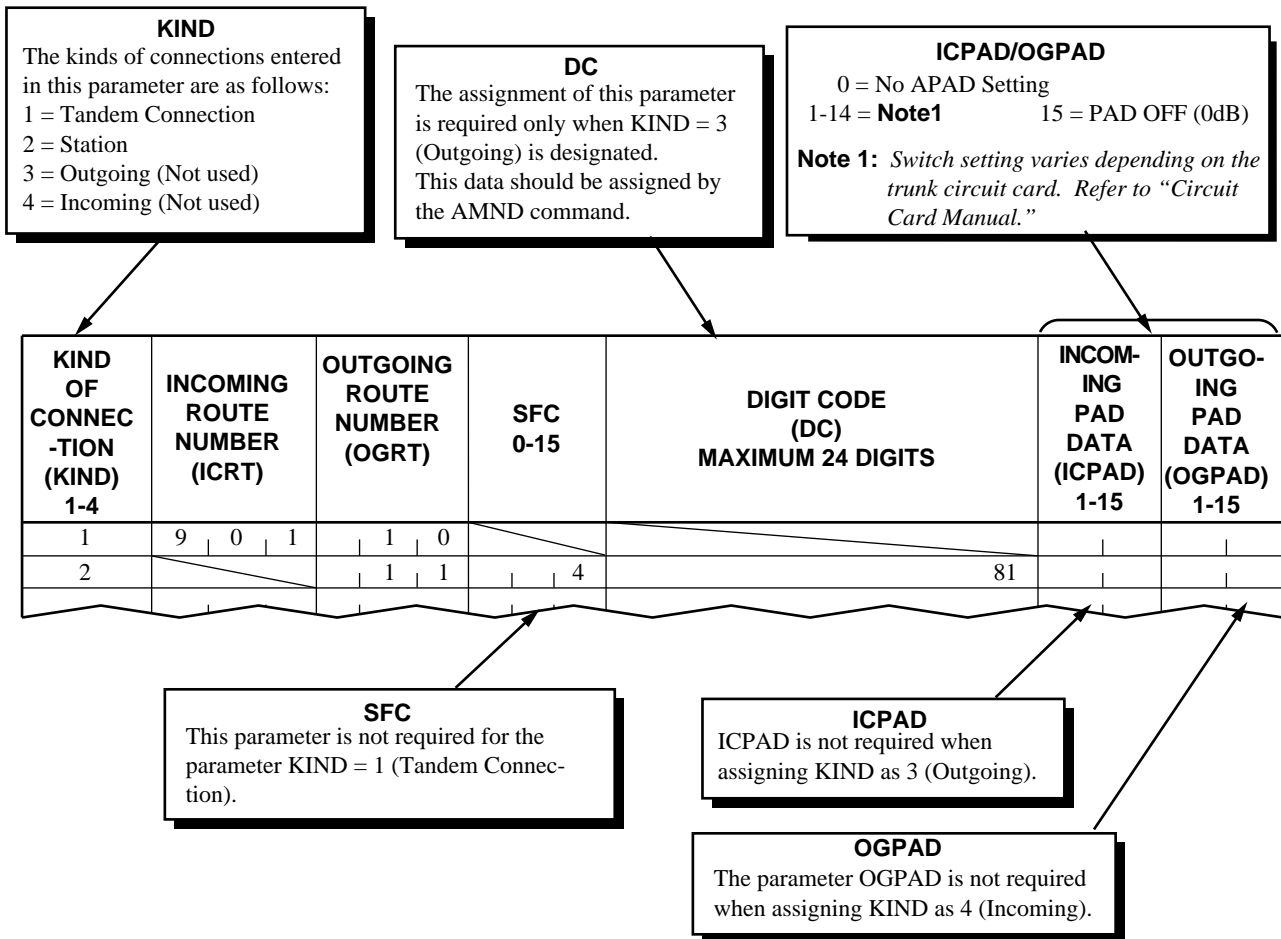
1. General

This command assigns PAD control data for tandem connections, and trunk-to-station connections.

2. Precautions

When KIND = 2 (station) is designated, assign the dummy data to the parameter OGPAD.

3. Data Entry Instructions



APAD : Assignment of PAD Data

4. Data Sheet

KIND OF CONNECTION (KIND) 1-4	INCOMING ROUTE NUMBER (ICRT)	OUTGOING ROUTE NUMBER (OGRT)	SFC 0-15	DIGITS CODE (DC) MAXIMUM 24 DIGITS	INCOMING PAD DATA (ICPAD) 1-15	OUTGOING PAD DATA (OGPAD) 1-15	REMARKS

APADN: Assignment of PAD Data for NDM

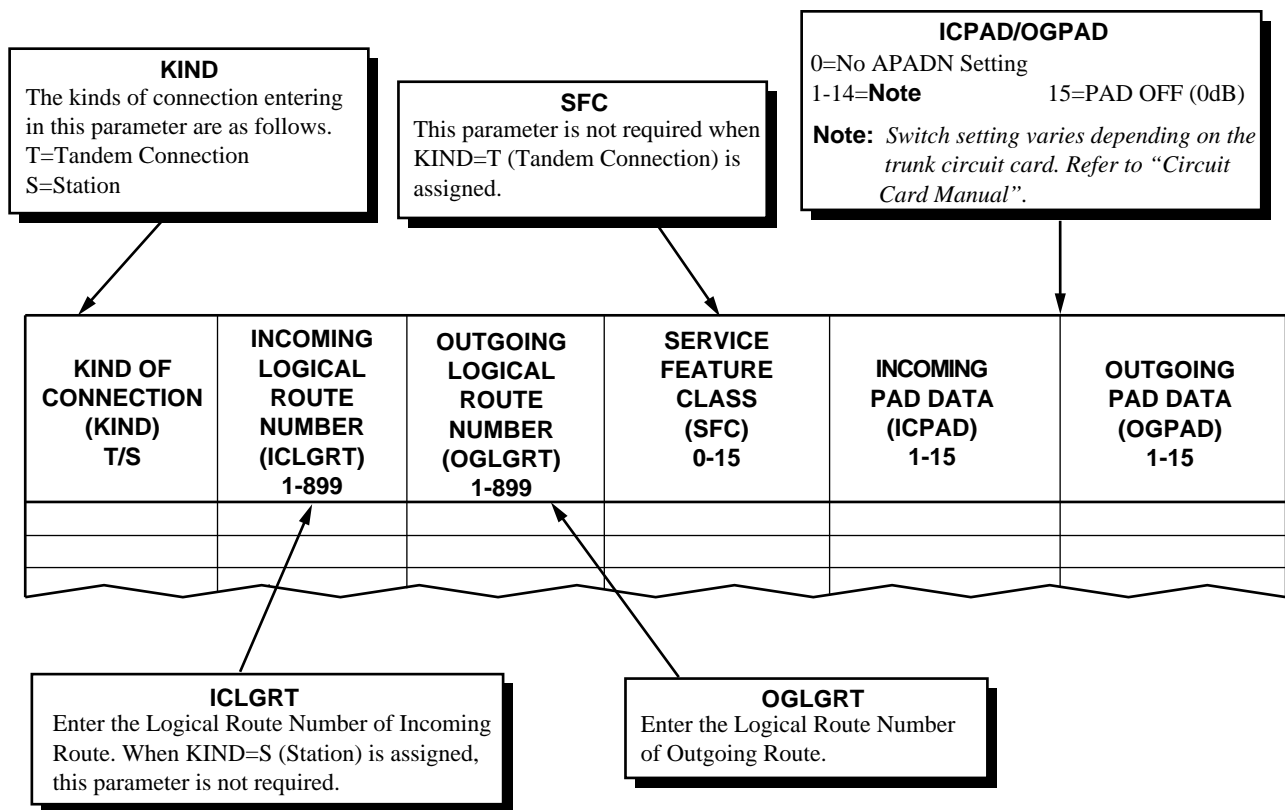
1. General

This command assigns PAD control data for tandem connections and trunk to station connections in an FCCS network. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

When KIND = S (Station) is designated, assign the dummy data to the parameter “OGPAD”.

3. Data Entry Instructions



4. Data Sheet

KIND OF CONNECTION (KIND) T/S	INCOMING LOGICAL ROUTE NUMBER (ICLGRT) 1-899	OUTGOING LOGICAL ROUTE NUMBER (OGLGRT) 1-899	SERVICE FEATURE CLASS (SFC) 0-15	INCOMING PAD DATA (ICPAD) 1-15	OUTGOING PAD DATA (OGPAD) 1-15

AAED: Assignment of Announcement Equipment Data

1. General

This command assigns the trunk information related to Announcement Equipment on a tenant basis. For the Hotel system, it is also possible to assign Language Class when Language Service of Property Management System (PMS) is provided.

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 93, bit7=1), assign TN parameter as data "1" for all tenants.
2. EQP parameter designates the kind of service feature provided by the announcement trunk. In the Hotel system, the relationship between the EQP number and the kind of service feature can be arranged by the AHSY command.
3. Parameter LANG appears in the Hotel system to provide "Language Service" (SYS1, INDEX 161, b2 = 1 in the ASYD command.)
4. The data "0 (Common)" of the LANG parameter means that the guest will listen the Common message from the announcement equipment if the guest does not register the language information through PMS.
5. The R parameter specifies whether the Ring Back Tone (RBT) is provided prior to sending the message or not.
6. When a trunk incoming call is connected to the announcement, whether the answer signal is sent out or not is specified by the A parameter.
7. When data "0 (Single connection)" is assigned in the M parameter, the trunk number assignment (TK) may not be required. The alternative trunk routing within a route is automatically executed.
8. When the announcement equipment is to be used as a general announcement trunk, data "0" must be assigned for parameters C, R, A and M.
9. The route number (RT) and trunk number (TK) of the announcement trunk are assigned by the ATRK command.

3. Data Entry Instructions

LANG

0 = Common 1 = Japanese
 2 = English 3 = German
 4 = French 5 = Spanish
 6 = Chinese 7 = Russian
 8-15=Spare

Note: LANG is available for the Hotel application.

C

0 = 30 seconds, and then disconnects
 1 = The connection is held until the calling party released

RT

Enter DAT route number assigned by the ATRK command.

R

0 = Send RBT
 1 = Do not send RBT

A

0 = Answer Signal is not sent
 1 = Answer Signal is sent

TENANT NUMBER (TN)	ANNOUNCEMENT NUMBER (EQP)0-127	KIND OF LANGUAGE (LANG) 0-15	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	ROUTE NUMBER (RT)	TRUNK NUMBER (TK)

EQP

Enter EQP as the service feature provided by DAT.

- 0 = Dead Level Number
- 1 = Unused Number
- 2 = Remote Access to PBX
- 3 = May be used for other purposes
- 4 = Outgoing Trunk Busy Announcement
- 5-6 = May be used for other purposes
- 7 = Route Restriction Announcement
- 8-14 = May be used for other purposes
- 15 = Alert Service(for Hotel system) **Note**
- 16 = Timed Reminder Set Message (for Business system)/ Service Set-up Message (for Hotel system) **Note**
- 17 = Service Set-up Failure Message (for Hotel system) **Note**
- 18 = Timed Reminder Cancel Message (for Business system)/ Service Cancel Message (for Hotel Message) **Note**
- 19 = Service Cancel Failure Message (for Hotel system) **Note**
- 20 = Room Cut-Off Announcement (for Hotel system) **Note**
- 21 = Do Not Disturb Announcement (for Hotel system)**Note**
- 22 = Timed Reminder/Wake Up Call Message for Announcement Trunk
- 23-31 = Group Announcement (for Hotel system) **Note**
- 32 = Delay Announcement-Attendant (for U.S.A./Canada only)
- 33 = Not Used
- 34 = Automated Attendant (1st Announcement)
- 35 = Automated Attendant (2nd Announcement)
- 36 = Slumber Time-Do Not Disturb (for Slumber Time Group 1)
- 37 = Slumber Time-Do Not Disturb (for Slumber Time Group 2)
- 38 = Slumber Time-Do Not Disturb (for Slumber Time Group 3)
- 39 = Slumber Time-Do Not Disturb (for Slumber Time Group 4)
- 40 = Slumber Time-Do Not Disturb (for Slumber Time Group 5)
- 41 = Slumber Time-Do Not Disturb (for Slumber Time Group 6)
- 42 = Slumber Time-Do Not Disturb (for Slumber Time Group 7)
- 43-48 = Not Used
- 49-53 = Delay Announcement Attendant(1st Announcement)
- 54-58 = Delay Announcement Attendant (2nd Announcement)
- 59-121 = Not Used
- 122-125 = Multiple Annoucememnt
- 126-127 = Not used

Note: The EQP for Hotel system can be changed by the AHSY command. The default EQP (service name) is listed here.

M

0=Single connection
 1=Multiple connection

TK

TK parameter appears if M=1 is entered.

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4. Data Sheet

TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 0-127	KIND OF LANGUAGE (LANG) 0-15 Note	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	REMARKS

Note: Parameter LANG is available for the Hotel System.

AAEDL: Assignment of Announcement Equipment Data for LDM

1. General

This command assigns the connected trunk data and the condition related to Announcement Equipment.

2. Precautions

The applicable Tenant Number (TN) range is designated by the ASYD command, SYS1, INDEX8. If data in this command is common for all tenants (ASYDL command, SYS1, INDEX800 bit7=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

C

0=30 seconds, and then disconnects
1=The connection is held until the calling party released

R

0=Send RBT
1=Do not send RBT

LGRT

Enter logical route number.

A

0=Answer Signal is not sent
1=Answer Signal is sent

TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP)0-127	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	TRUNK NUMBER (TK)

EQP

Enter EQP as the service feature provided by DAT.

- 0=Dead Level Number
- 1=Unused Number
- 2=Remote Access to PBX
- 3=May be used for other purposes
- 4=Outgoing Trunk Busy Announcement
- 5-6=May be used for other purposes
- 7=Route Restriction Announcement
- 8-14=May be used for other purposes
- 15=Alert Service(for Hotel system) **Note**
- 16=Timed Reminder Set Message (for Business system)/
Service Set-up Message (for Hotel system) **Note**
- 17=Service Set-up Failure Message (for Hotel system) **Note**
- 18=Timed Reminder Cancel Message (for Business system)/
Service Cancel Message (for Hotel Message) **Note**
- 19=Service Cancel Failure Message (for Hotel system) **Note**
- 20=Room Cut-Off Announcement (for Hotel system) **Note**
- 21=Do Not Disturb Announcement (for Hotel system) **Note**
- 22=Timed Reminder/Wake Up Call Message for Announcement Trunk
- 23-31=Group Announcement (for Hotel system) **Note**
- 32=Delay Announcement-Attendant (for U.S.A./Canada only)
- 33=Not Used
- 34=Automated Attendant (1st Announcement)
- 35=Automated Attendant (2nd Announcement)
- 36=Slumber Time-Do Not Disturb (for Slumber Time Group 1)
- 37=Slumber Time-Do Not Disturb (for Slumber Time Group 2)
- 38=Slumber Time-Do Not Disturb (for Slumber Time Group 3)
- 39=Slumber Time-Do Not Disturb (for Slumber Time Group 4)
- 40=Slumber Time-Do Not Disturb (for Slumber Time Group 5)
- 41=Slumber Time-Do Not Disturb (for Slumber Time Group 6)
- 42=Slumber Time-Do Not Disturb (for Slumber Time Group 7)
- 43-48=Not Used
- 49-53=Delay Announcement Attendant (1st Announcement)
- 54-58=Delay Announcement Attendant (2nd Announcement)
- 59-121=Not Used
- 122-125=Multiple Announcement
- 126-127=Not used

Note: The EQP for Hotel system is changeable by the AHSY command, though the default EQP (service name) are listed here.

M

0=Single connection
1=Multiple connection

TK

Enter TK data.
Note: This parameter appears if M=1 is entered.

4. Data Sheet

TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 0-127	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	TRUNK NUMBER (TK)	REMARKS

AAEDN: Assignment of Announcement Equipment Data for NDM

1. General

This command assigns the connected trunk data and the condition related to Announcement Equipment. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS1, INDEX8. If data in this command is common for all tenants (ASYDN command, SYS1, INDEX800 bit7=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

C

0=30 seconds, and then disconnects
1=The connection is held until the calling party released

R

0=Send RBT
1=Do not send RBT

LGRT

Enter logical route number.

A

0=Answer Signal is not sent
1=Answer Signal is sent

TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP)0-127	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	TRUNK NUMBER (TK)

EQP

Enter EQP as the service feature provided by DAT.

- 0=Dead Level Number
- 1=Unused Number
- 2=Remote Access to PBX
- 3=May be used for other purposes
- 4=Outgoing Trunk Busy Announcement
- 5-6=May be used for other purposes
- 7=Route Restriction Announcement
- 8-14=May be used for other purposes
- 15=Alert Service(for Hotel system) **Note**
- 16=Timed Reminder Set Message (for Business system)/
Service Set-up Message (for Hotel system) **Note**
- 17=Service Set-up Failure Message (for Hotel system) **Note**
- 18=Timed Reminder Cancel Message (for Business system)/
Service Cancel Message (for Hotel Message) **Note**
- 19=Service Cancel Failure Message (for Hotel system) **Note**
- 20=Room Cut-Off Announcement (for Hotel system) **Note**
- 21=Do Not Disturb Announcement (for Hotel system) **Note**
- 22=Timed Reminder/Wake Up Call Message for Announcement Trunk
- 23-31=Group Announcement (for Hotel system) **Note**
- 32=Delay Announcement-Attendant (for U.S.A./Canada only)
- 33=Not Used
- 34=Automated Attendant (1st Announcement)
- 35=Automated Attendant (2nd Announcement)
- 36=Slumber Time-Do Not Disturb (for Slumber Time Group 1)
- 37=Slumber Time-Do Not Disturb (for Slumber Time Group 2)
- 38=Slumber Time-Do Not Disturb (for Slumber Time Group 3)
- 39=Slumber Time-Do Not Disturb (for Slumber Time Group 4)
- 40=Slumber Time-Do Not Disturb (for Slumber Time Group 5)
- 41=Slumber Time-Do Not Disturb (for Slumber Time Group 6)
- 42=Slumber Time-Do Not Disturb (for Slumber Time Group 7)
- 43-48=Not Used
- 49-53=Delay Announcement Attendant (1st Announcement)
- 54-58=Delay Announcement Attendant (2nd Announcement)
- 59-121=Not Used
- 122-125=Multiple Announcement
- 126-127=Not used

Note: The EQP for Hotel system is changeable by the AHSY command, though the default EQP (service name) are listed here.

M

0=Single connection
1=Multiple connection

TK

Enter TK data.
Note: This parameter appears if M=1 is entered.

4. Data Sheet

TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 0-127	DURATION OF CONNECTION (C) 0/1	SENDING RBT (R) 0/1	ANSWER SIGNAL SENDING (A) 0/1	MULTIPLE CONNECTION (M) 0/1	LOGICAL ROUTE NUMBER (LGRT) 1-899	TRUNK NUMBER (TK)	REMARKS

AHMS: Assignment of Music on Hold Data

1. General

This command is used when a trunk provides Extended Hold Music. With this feature, the system supplies the DAT card (only the first port of DAT) involved in Hold Music to a trunk route specified on this command. Since the Extended Hold Music affects a trunk only, a station user may hear the ordinary Hold Music.

2. Precautions

1. A DAT card is required for the Extended Hold Music feature, and DAT should be mounted in the slot specified by the HMSC parameter of this command.

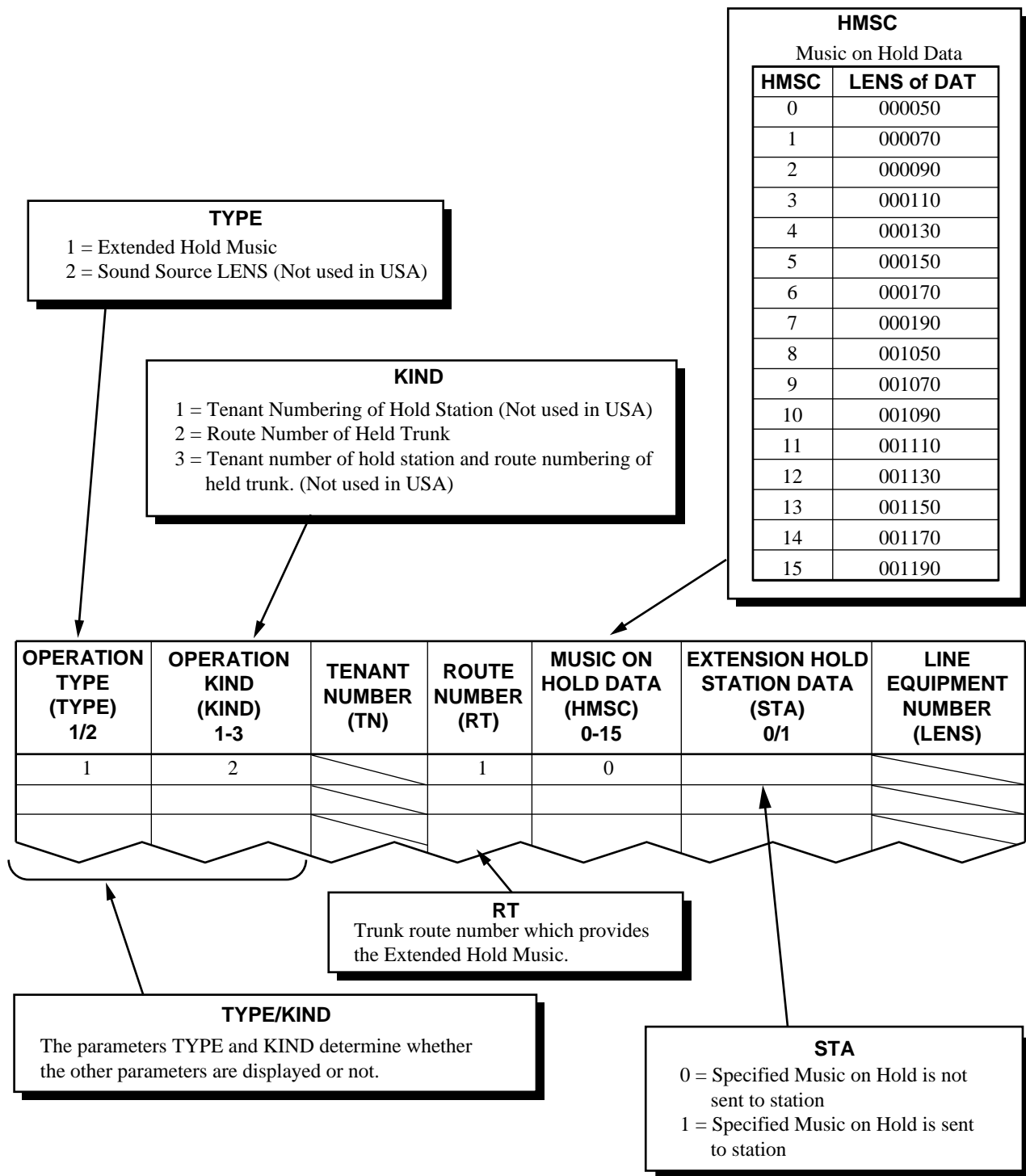
Other trunk circuit cards cannot be mounted in the LENS described in the HMSC parameter. However, any line circuit card can be mounted there.

2. The system data should be assigned as ASYD, SYS 1, INDEX 42, bit 3 = 1 (Extended Hold Music).

When assigned this system data, the trunk busy lamp of the DAT card is turned on.

3. The DAT card accommodation should be assigned by the ATRK command.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions



AHMS : Assignment of Music on Hold Data

4. Data Sheet

OPERATION TYPE (TYPE) 1/2	OPERATION KIND (KIND) 1-3	TENANT NUMBER (TN)	ROUTE NUMBER (RT)	MUSIC ON HOLD DATA (HMSC) 0-15	EXTENSION HOLD STATION DATA (STA) 0/1	LINE EQUIPMENT NUMBER (LENS)

ADPC: Assignment of Determinate Point Code Data

1. General

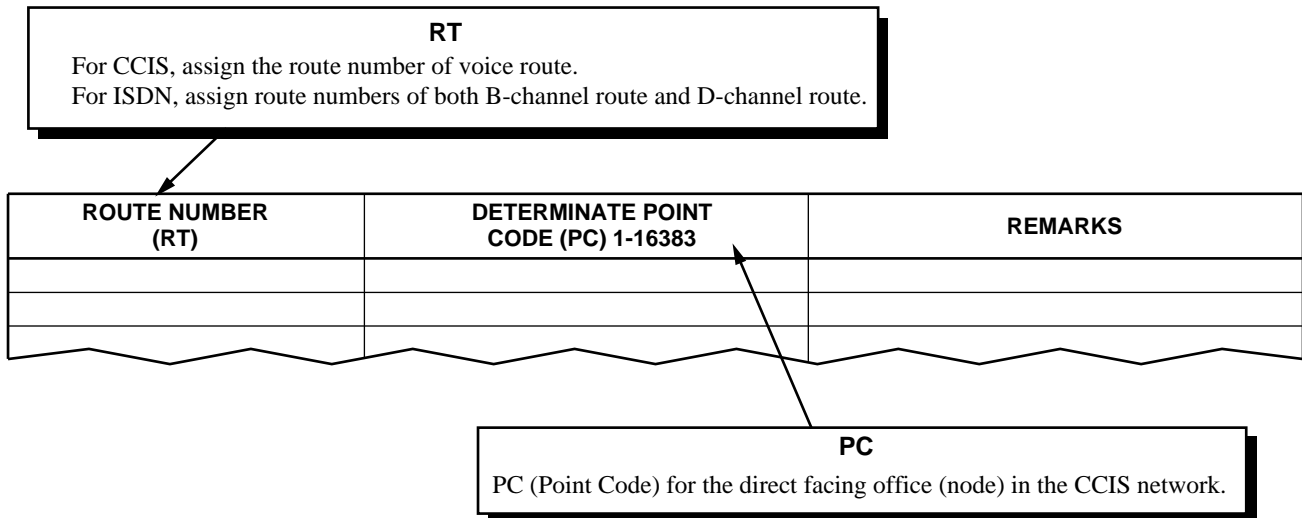
This command assigns the determinate Point Code (PC) for CCIS and/or the ISDN interface.

Note: *In this command, Determinate Point Code is synonymous with Destination Point Code; the terms are used interchangeably.*

2. Precautions

1. A unique PC must be given to a node in the CCIS network. The Originating Point Code (OPC) is designated by the ASYD command, SYS1, INDEX180 and 181.
2. The PC is the decimal value from 1 to 16383.
[1-16367 (For CCIS), 1-16383 (For ISDN)]
3. An arbitrary PC may be assigned for the ISDN interface, unless the PC is duplicated in the CCIS network.
4. The PC assigned by this command should correspond to the one assigned by the ACIC1/ACIC2 command.

3. Data Entry Instructions



ADPC : Assignment of Determinate Point Code Data

4. Data Sheet

ROUTE NUMBER (RT)	DETERMINATE POINT CODE (PC) 1 - 16383	REMARKS

ADPCL: Assignment of Determinate Point Code Data for LDM

1. General

This command assigns the determinate Point Code (PC) for CCIS and/or the ISDN interface. This data is written in Local Data Memory (LDM).

Note: *In this command, Determinate Point Code is synonymous with Destination Point Code; the terms are used interchangeably.*

2. Precautions

3. A unique PC must be given to a node in the CCIS network. The OPC (Originating Point Code) is designated by the ASYD command, SYS1, INDEX180 and 181.
4. The PC is the decimal value from 1 to 16383.
[1-16367 (For CCIS), 1-16383 (For ISDN)]
5. An arbitrary PC may be assigned for the ISDN interface, unless the PC is duplicated in the CCIS network.
6. The PC assigned by this command should correspond to the one assigned by the ACIC1/ACIC2 command.

3. Data Entry Instructions

LRGT

For CCIS, assign the Logical route number of voice route.
For ISDN, assign Logical route numbers of both B-channel route and D-channel route.

LOGICAL ROUTE NUMBER (LGRT) 1-899	DETERMINATE POINT CODE (PC) 1-16383	REMARKS

PC

For CCIS, enter the PC of destination node.
For ISDN, enter the PC which is not used in CCIS network.

ACSC: Assignment of CSC Data

1. General

This command assigns the Common Channel Handler (CCH)/D-Channel Handler (DCH) location of the Common Channel Signaling Controller Group (CSCG).

2. Precautions

1. The CSCG represents the Point Code (PC) and the Circuit Identification Code (CICs) that correspond to the B-channels (voice channels) of the CCIS interface as assigned by the ACIC2 command. On the other hand, the CSCG represents the PC of the ISDN interface as assigned by the ACIC1 command.
2. The CSCG parameter accepts a range from 2 to 255 except 128 and 129.
3. The even number CSCG and its consecutive odd number CSCG are a CSCG pair. (Ex. CSCG2 and CSCG3 are the CSCG pair.)
4. In the case of CCIS, the CCH circuit entered in the CCH parameters within a CSCG pair share their work load. When CCH of GROUP0 has a heavy load, GROUP1's CCH takes over the job. When all of the CCHs within the even number CCHs load becomes high, its consecutive odd number CSCG's CCHs share their work load.
5. When it is an ISDN interface, the location of the DCH should be assigned in the CCH parameter of the even number CSCG within the CSCG pair. The first group of the PRT/DTI card is used for the location of the B-channel in the CCH parameter of the odd number CSCG.
6. The Common Channel Handler circuit handles the CICs means of B-channels. [Table 4-26](#) shows the relationship between GROUP and CICs.

Table 4-26 Relationships Between GROUP and CICs

GROUP	CIC
GROUP 0	CIC8, CIC16, CIC24 CIC992
GROUP 1	CIC1, CIC9, CIC17, CIC25 CIC993
GROUP 2	CIC2, CIC10, CIC18, CIC26 CIC994
GROUP 3	CIC3, CIC11, CIC19, CIC27 CIC995
GROUP 4	CIC4, CIC12, CIC20, CIC28 CIC996
GROUP 5	CIC5, CIC13, CIC21, CIC29 CIC997
GROUP 6	CIC6, CIC14, CIC22, CIC30 CIC998
GROUP 7	CIC7, CIC15, CIC23, CIC31 CIC999

7. The D-channel (signal channel) location should be entered in the CCH parameter as illustrated in [Figure 4-29](#) through [Figure 4-31](#), CCT, PRT, CCH/DCH respectively.

When it is a CCT card, the Signal2 group is the location that should be entered in the CCH parameter of even and odd number CSCG.

ACSC : Assignment of CSC Data

When it is PRT card, the Dch2 group is the location that should be entered in the CCH parameter of even number CSCG, and the same location should also be entered in the CCH parameter of its consecutive odd number CSCG.

The CCH card and/or DCH card required two circuits of Common Channel Handler on a card, thus the CCH/DCH0 and CCH/DCH1 are the locations to enter in the CCH parameter.

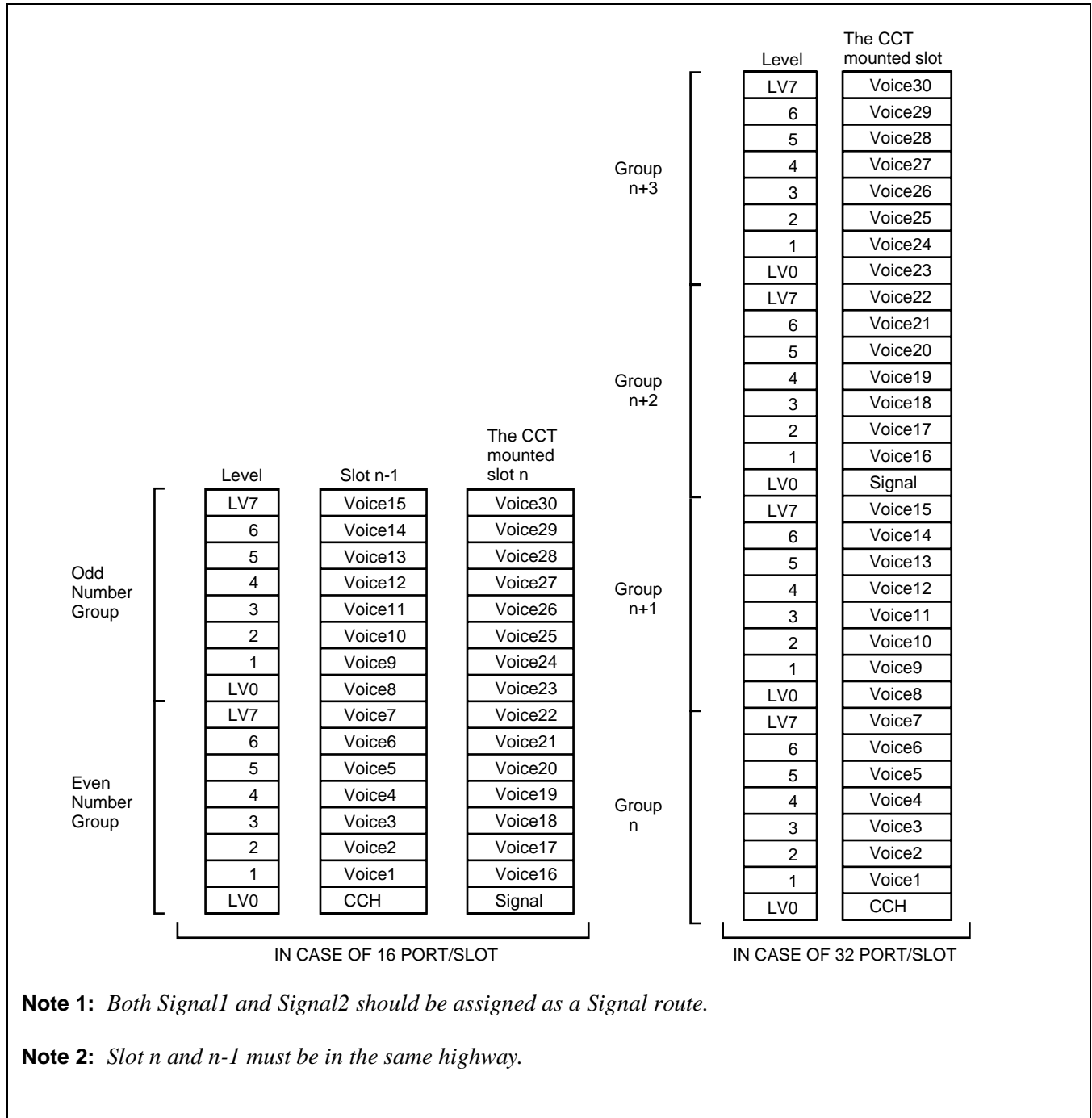


Figure 4-29 ACSC for CCT (E1)

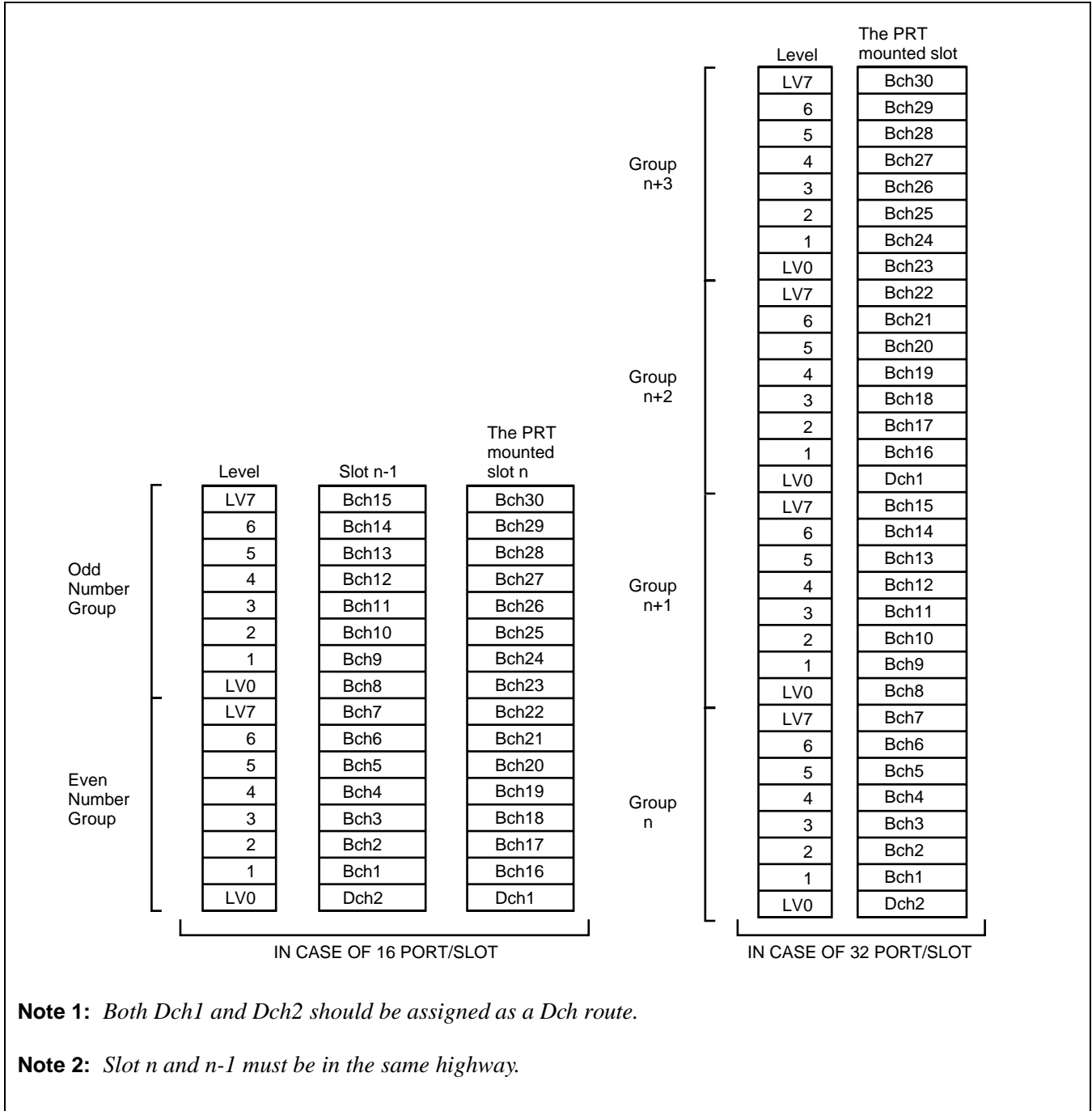


Figure 4-30 ACSC for PRT (30B+D)

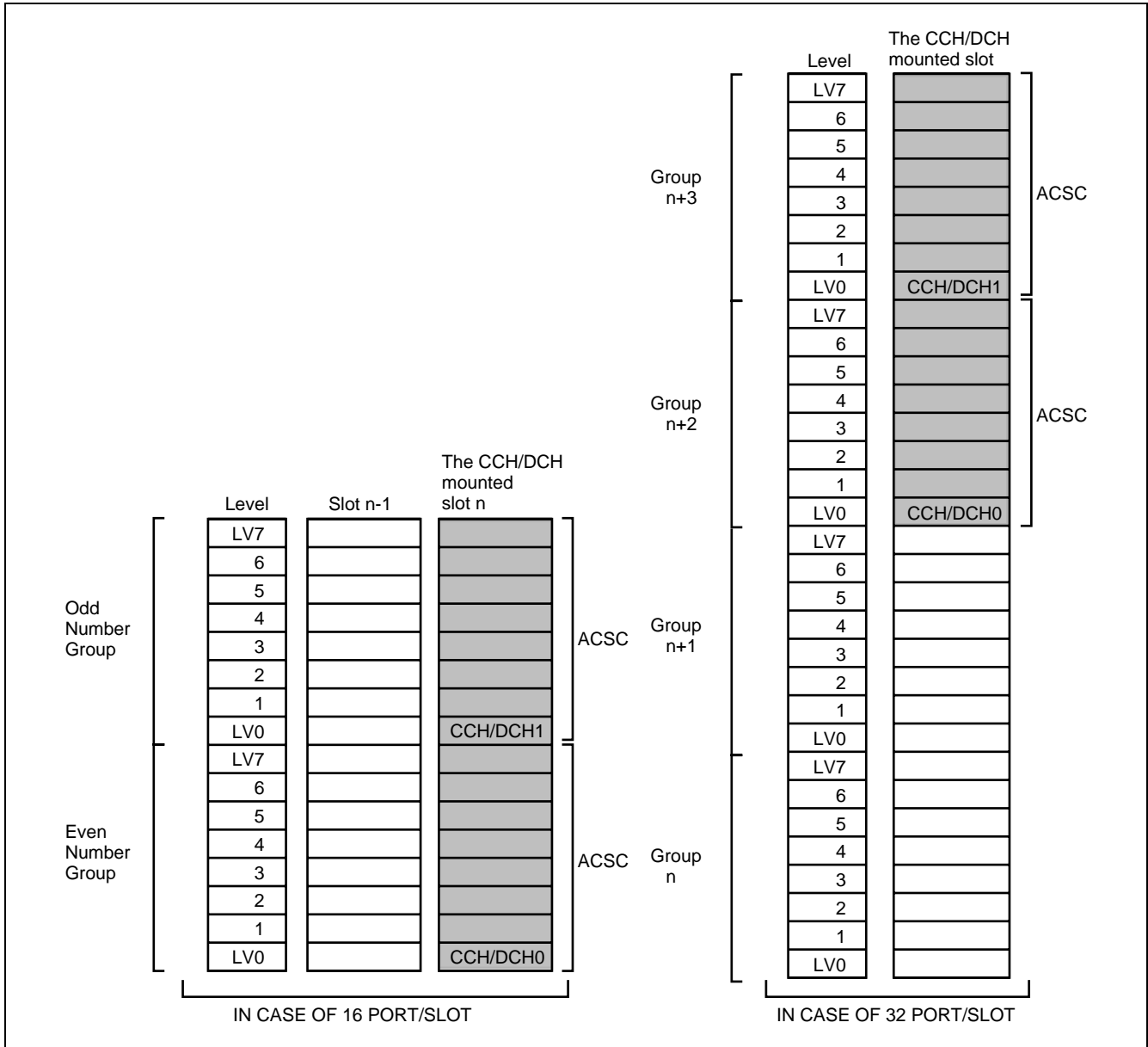


Figure 4-31 ACSC for CCH/DCH

3. Data Entry Instructions

CSCG
 Enter any even number and its consecutive odd number from 2-255 (except 128/129).

CCH

- For CCIS, enter the signal channel location of the CCT/CCH
- For ISDN, the following data should be assigned to this parameter.
 Even number CSCG: D-Channel location
 Odd number CSCG: The first group of B-Channel location

CSC GROUP NUMBER (CSCG)	CIC GROUP NUMBER (GROUP)	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)					REMARKS
		M	G	U	G		
2	0	0	0	0	0	4	
	1						
	2						

ACSC : Assignment of CSC Data

4. Data Sheet

(a) Even number CSCG

CSC GROUP NUMBER (CSCG) 2-254	CIC GROUP NUMBER (GROUP)	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)			REMARKS
		MG	U	G	
	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				

(b) Odd number CSCG

CSC GROUP NUMBER (CSCG) 3-255	CIC GROUP NUMBER (GROUP)	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)			REMARKS
		MG	U	G	
	0				
	1				
	2				
	3				
	4				
	5				
	6				
	7				

ACSCL: Assignment of CSC Data for LDM

1. General

This command assigns the Common Channel Handler (CCH) location of the Common Channel Signaling Controller Group (CSCG). This data is written in Local Data Memory (LDM).

2. Precautions

1. The CSCG represents the Point Code (PC) and the Circuit Identification Code (CIC) which correspond to the B-channels (voice channels) of the CCIS interface as assigned by the ACIC2 command.
2. The CSCG parameter accepts with a range from 2 to 255 (except 128 and 129).
3. The even number CSCG and its consecutive odd number CSCG are a CSCG pair. (Ex. CSCG2 and CSCG3 are the CSCG pair.)
4. In the case of CCIS, the CCH circuit entered in the CCH parameters within a CSCG pair share their work load. When CCH of GROUP0 has a heavy load, GROUP1's CCH takes over the job. When all of the CCHs within the even number CCHs load becomes high, its consecutive odd number CSCG's CCHs share their work load.
5. The CCH circuit handles the CICs (B-channels). [Table 4-27](#) shows the relationship between GROUP and CICs.

Table 4-27 Relationships Between GROUP and CICs (ACSCL)

GROUP	CIC
GROUP 0	CIC8, CIC16, CIC24 CIC992
GROUP 1	CIC1, CIC9, CIC17, CIC25 CIC993
GROUP 2	CIC2, CIC10, CIC18, CIC26 CIC994
GROUP 3	CIC3, CIC11, CIC19, CIC27 CIC995
GROUP 4	CIC4, CIC12, CIC20, CIC28 CIC996
GROUP 5	CIC5, CIC13, CIC21, CIC29 CIC997
GROUP 6	CIC6, CIC14, CIC22, CIC30 CIC998
GROUP 7	CIC7, CIC15, CIC23, CIC31 CIC999

6. The D-channel (signal channel) location should be entered in the CCH parameter as illustrated in [Figure 4-32](#) and [Figure 4-33](#), CCT, CCH respectively.

When it is a CCT card, the "Signal2" involved group is the location that should be entered in the CCH parameter of even and odd number CSCG.

The CCH card equipped two circuits of Common Channel Handler on a card, thus the "CCH0" and "CCH1" are the locations to enter in the CCH parameter.

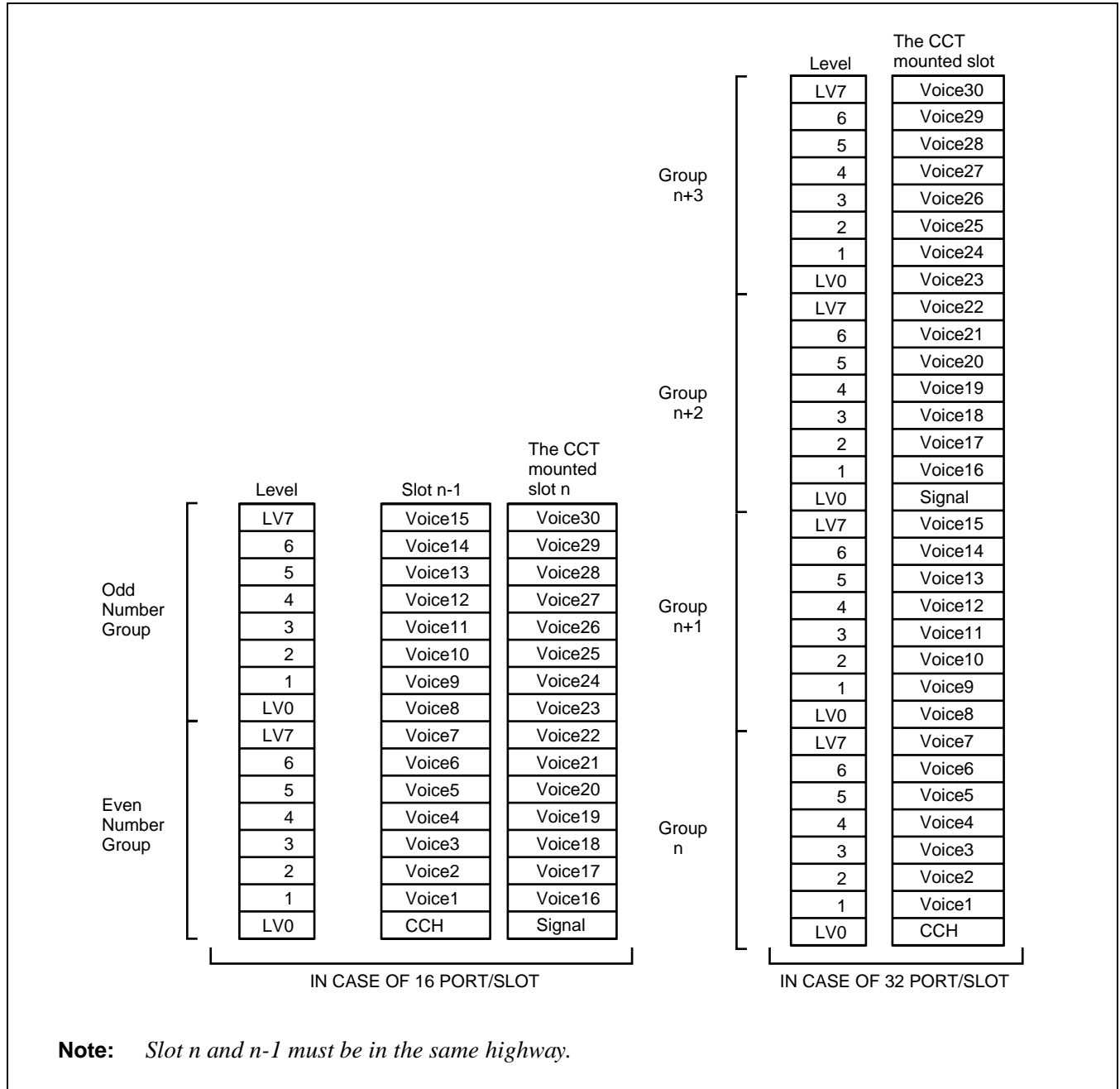


Figure 4-32 ACSCL for CCT (E1)

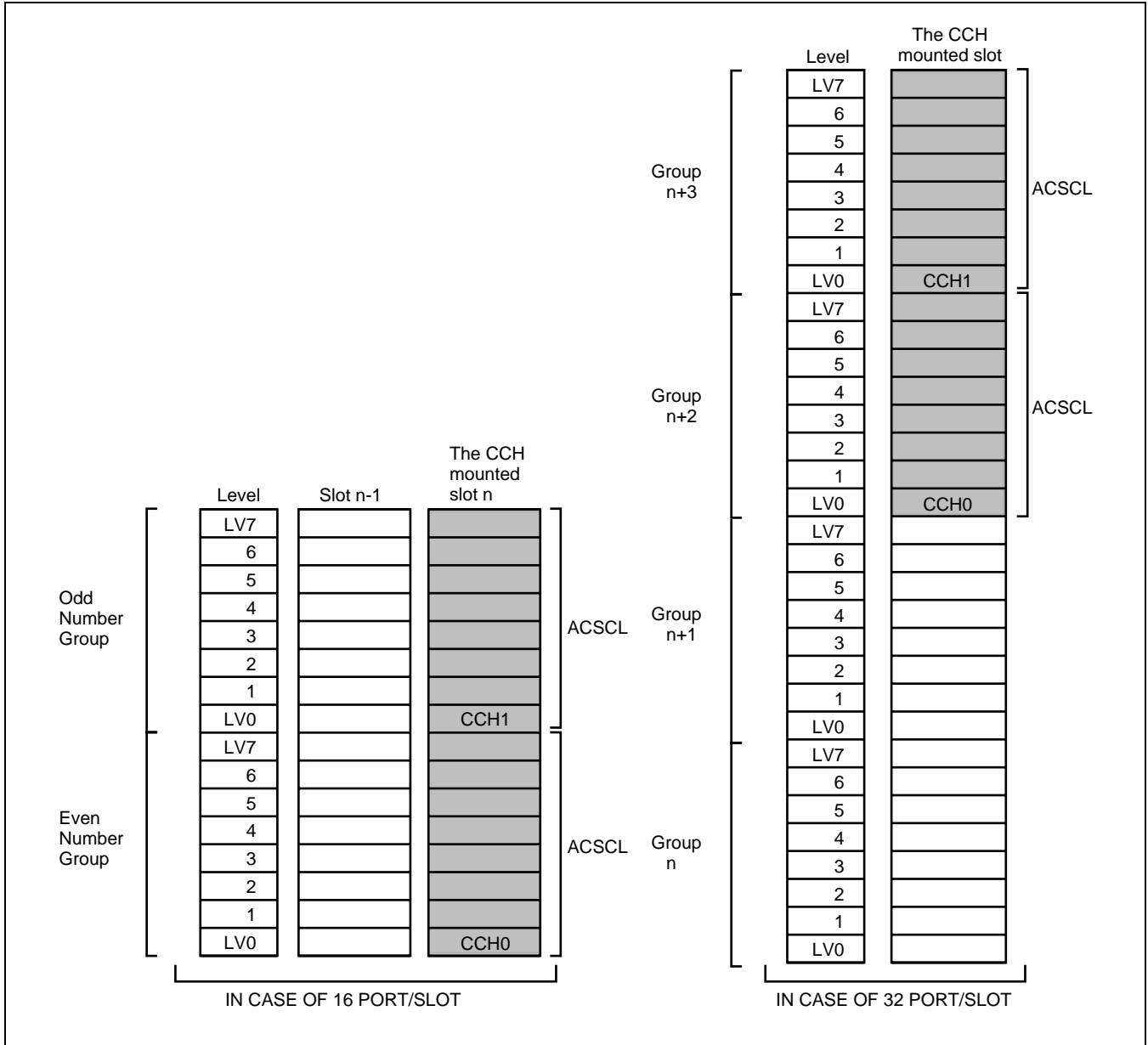


Figure 4-33 ACSCCL for CCH

3. Data Entry Instructions

CSCG
 Enter any even number and its consecutive odd number within 2-255 (128 and 129 is not used).

CCH
 • For CCIS, enter the signal channel location of the CCT/CCH

CSC GROUP NUMBER (CSCG)	CIC GROUP NUMBER (GROUP)	FUSION POINT CODE (FPC) 1-253	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)					REMARKS
			MG	U	G			
130	0		0	0	0	0	4	
	1							
	2							

4. Data Sheet

(a) Even number CSCG

CSC GROUP NUMBER (CSCG) 130-254	CIC GROUP NUMBER (GROUP)	FUSION POINT CODE (FPC) 1-253	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)			REMARKS
			MG	U	G	
	0	| | |	| | |	| | |	| | |	
	1	| | |	| | |	| | |	| | |	
	2	| | |	| | |	| | |	| | |	
	3	| | |	| | |	| | |	| | |	
	4	| | |	| | |	| | |	| | |	
	5	| | |	| | |	| | |	| | |	
	6	| | |	| | |	| | |	| | |	
	7	| | |	| | |	| | |	| | |	

(b) Odd number CSCG

CSC GROUP NUMBER (CSCG) 131-255	CIC GROUP NUMBER (GROUP)	FUSION POINT CODE (FPC) 1-253	COMMON CHANNEL SIGNALLING CONTROLLER (CCH)			REMARKS
			MG	U	G	
	0	| | |	| | |	| | |	| | |	
	1	| | |	| | |	| | |	| | |	
	2	| | |	| | |	| | |	| | |	
	3	| | |	| | |	| | |	| | |	
	4	| | |	| | |	| | |	| | |	
	5	| | |	| | |	| | |	| | |	
	6	| | |	| | |	| | |	| | |	
	7	| | |	| | |	| | |	| | |	

ACIC1: Assignment of CIC Code Data 1

1. General

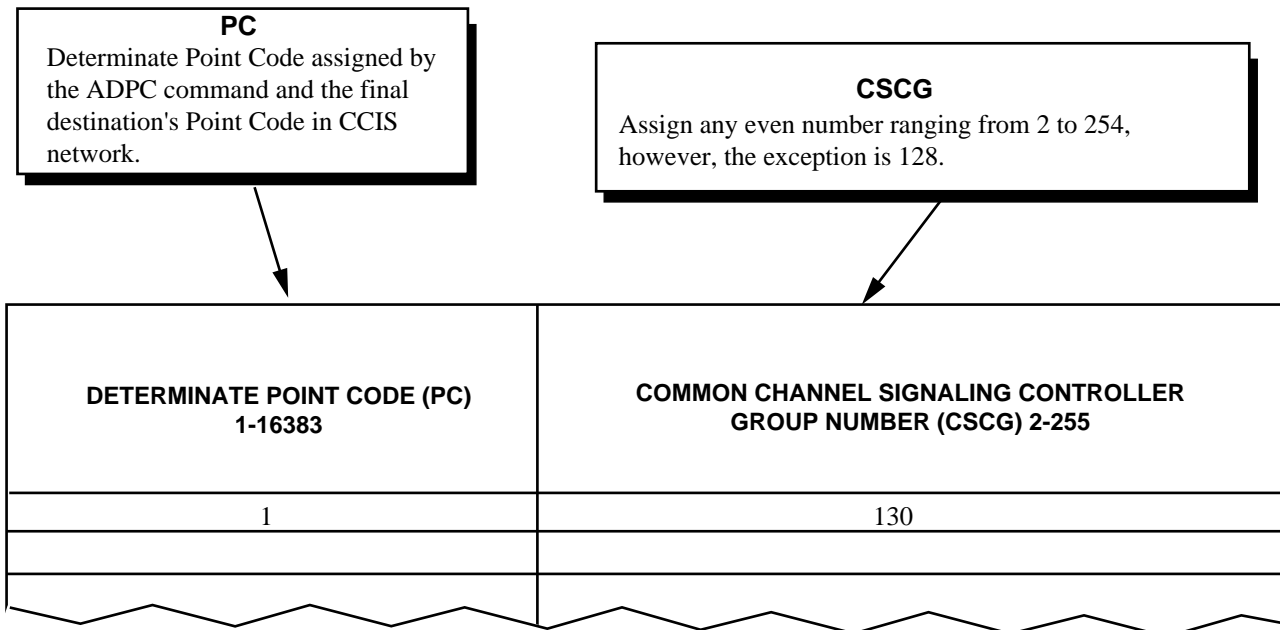
This command is used for CCIS and/or ISDN data programming, and is assigned in the Common Channel Signaling Controller Group (CSCG) for a determinate Point Code (PC).

Note: *In this command, Determinate Point Code is synonymous with Destination Point Code; the terms are used interchangeably.*

2. Precautions

1. ACIC2 command assignment is also required for CCIS, and the PC parameter is an intermediate of those two commands.
2. ACIC2 command is not required for ISDN.
3. The PC parameter should correspond to the data assigned by the ADPC command.
4. The CSCG parameter should correspond to the one assigned by the ACSC command.
5. When this command is used for CCIS, all Point Codes (PC) within the network (except the Originating Point Code) should be assigned.

3. Data Entry Instructions



ACIC2: Assignment of CIC Code Data 2

1. General

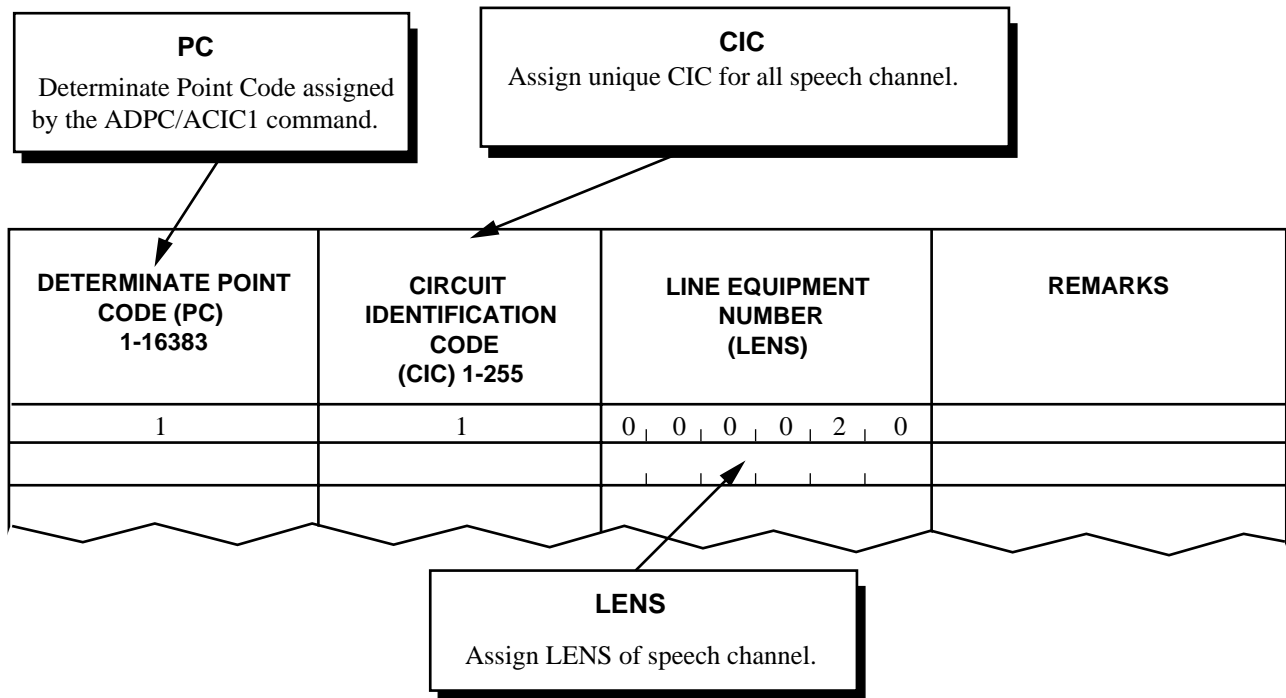
This command is used for CCIS data programming, and is assigned the Circuit Identification Code (CIC) and LENS (of the speech channel of the CCIS link) for the PC.

Note: *In this command, Determinate Point Code is synonymous with Destination Point Code; the terms are used interchangeably.*

2. Precautions

1. A unique CIC number should be given for each speech channel (which is assigned by the ATRK command) of the CCIS link.
2. The CIC number assigned by this command must correspond to the one assigned in the direct facing node in the CCIS network.
3. The ACIC2 command is not required for ISDN interface.

3. Data Entry Instructions



ARTI: Assignment of Trunk Application Data

1. General

This command assigns Trunk Application Data.

2. Precautions

1. The ARTD command should be assigned for the external trunk route.
2. The applicable number of the external trunk route is designated by the ASYD command, SYS1, INDEX65.

3. Data Entry Instructions

See data sheet in Section 4.

4. Data Sheet

CDN	ROUTE NUMBER					
	TRUNK DATA					
1	RST	Assignment of Restart 0 = Restart Send per Individual Channel 1 = Not used 2 = Not used 3 = Restart not Send				
2	HMT	When assigning this data, always enter zero (0).	0	0	0	0
3	TRCRST	Call Restriction by Information transfer rate in Bearer Capability Information Element 0 = No restriction 1 = Data call restriction (Unrestricted digital, Restricted digital and Video data calls are restricted.) 2 = Speech call restriction (Speech, 3.1 kHz audio and 7 kHz audio calls are restricted.) 3-15= Not used				
4	TRSRST	Call Restriction by Information transfer rate in Bearer Capability Information Element 0 = No restriction 1 = 384 Kbps (H0) call is restricted 2 = 1536 Kbps (H11)/1920 Kbps (H12) call is restricted. 3 = 384 Kbps and 1536 (H11)/1920 Kbps (H12) calls are restricted. 4-15= Not used				
5	T309LNK	Assignment of Timer T309 for Data Link Failure 0 = Layer 2 Alarm with T309 for Data Link Failure 1 = Layer 2 Alarm [Temporary] with T309 is enabled 2 = Layer 2 Alarm [Permanent] with T309 is enabled 3 = Not used				

CDN	ROUTE NUMBER					
	TRUNK DATA					
6	T309CON	Assignment of Timer T309 for Layer 1 Failure 0 = Layer 1 Alarm with T309 is disabled 1 = Layer 1 Alarm [Temporary] with T309 is enabled 2 = Layer 1 Alarm [Permanent] with T309 is enabled 3 = Not used				
7	LLCRST	Call Restriction by user rate in Low Layer Capability Information Element 0= No restriction 1-31= Call which includes this user rate value is restricted. Note: <i>User rate value is based on ITU-T Q-931.</i>				
8	VCM	When assigning this data, always enter zero (0).	0	0	0	0
9	OVRT	When assigning this data, always enter zero (0).	0	0	0	0
10	POOL	When assigning this data, always enter zero (0).	0	0	0	0
11	DTRT	Deletion of ALL 1 alarm signal (DTI Layer 1 alarm) 0 = Not used 1 = Deletion of ALL 1 alarm signal as a Layer 1 alarm				
12	TMPRT	Temporary Route Information over CCIS 0 = Not used 1 = In CCIS, the route information can be transferred by the call control messages. Moreover, the call restriction can be checked referring to this route information.				
13	CODEC	When assigning this data, always enter zero (0).	0	0	0	0
14	PASS	When assigning this data, always enter zero (0).	0	0	0	0
15	IRL	Clear call when DTI alarm is detected 0 = Not used 1 = Clear call when DTI alarm is detected Note: <i>This data should be set when there is no Dch in the physical DTI.</i>				
16	MTC	Assignment of Timer T309 Value. Restoration timer (TC×MTC) sec. 0-15 = TC×MTC (Restart timer value)				
17	TC	Timer T309 Counter Value 0 = Not used 1 = 64 msec. 2 = Not used 3 = 2 sec. 4 = 30 sec. 5 = 5 min. 6 = 1 sec. 7 = Not used				
18	TS	When assigning this data, always enter zero (0).	0	0	0	0
19	CDCSPD	When assigning this data, always enter zero (0).	0	0	0	0

ARTI : Assignment of Trunk Application Data

CDN	ROUTE NUMBER					
	TRUNK DATA					
20	DVRST	Call restriction while Tie Line is backed up on ISDN. 0 = No restriction 1 = Speech call restriction (Speech. 3.1 kHz audio, 7 kHz audio calls are restricted) 2 = Data call restriction (Unrestricted digital, restricted digital and Video data are restricted.) 3 = Both Speech and Data calls are restricted.				
21	RSCT	Call restricted by Temporary Route Information 0 = No restriction 1 = Restriction Note: <i>This data is effective when TMPRT = 1.</i>				
22	ROCG	Outgoing Call Account by Temporary Route Information 0 = Not used 1 = Effective Note: <i>This data is effective when TMPRT = 1.</i>				
23	RICG	Incoming Call Account by Temporary Route Information 0 = Not used 1 = Effective Note: <i>This data is effective when TMPRT = 1.</i>				
24	STSENG	Status Inquiry Message Send 0 = Out of service 1 = In service				
25	MMNPASS	When assigning this data, always enter zero (0).	0	0	0	0
26	DLTK	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
27	CALN	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
28	NETINT	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
29	INBAND	When assigning this data, always enter zero (0).	0	0	0	0
30	RETMSG	(Australia only) Return Message for Connect ISDN LINE with Analog Trunk 0 = CALL PROC. + ALERT 1 = CALL PROC. + ALERT or CALL PROC. + PROGRESS				
31	ANI	Timing to demand ANI Information 0 = There is no ANI demand at Incoming call 1 = After receiving 1st digit 2 = After receiving 2nd digit 3 = After receiving 3rd digit 4 = After receiving 4th digit 5 = After receiving 5th digit 6 = After receiving 6th digit 7 = After receiving 7th digit				

CDN	ROUTE NUMBER					
TRUNK DATA						
32	SRV	<p>(Australia only) Additional Service Selection</p> <p>bit 0 = Advice of Charge (AOC) 0 = Valid 1 = Invalid</p> <p>bit 1= Malicious Call Trace (MCT)/Malicious Call Identification (MCID) 0 = Valid 1 = Invalid</p> <p>bit2-bit6 = Not used</p> <p>bit7 = For TON and/or NPI 0 = Invalid 1 = Valid</p> <p>Note: <i>Input this data by a decimal.</i></p>				
33	TON	<p>Type of Number</p> <p>0 = Unknown 1 = International Number 2 = National Number 3 = Network Special Number 4 = Subscriber Number 5 = Not used 6 = Abbreviated Number 7 = Reserved for Extension</p> <p>Note: <i>This data is effective when ARTD, INT = 4 and SRV bit7 = 1 is assigned.</i></p>				
34	NPI	<p>Numbering Plan Identification</p> <p>0 = Unknown 1 = ISDN/Telephony Numbering Plan 2 = Not used 3 = Data Numbering Plan 4 = Telex Numbering Plan 5-7 = Not used 8 = National Standard Numbering Plan 9 = Private Numbering Plan 10-14 = Not used 15 = Reserved for Extension Others = Not used</p> <p>Note: <i>This data is effective when ARTD, INT = 4 and SRV bit7 = 1 is assigned.</i></p>				
35	L/T	<p>Local/Toll (<i>Russia only</i>) When assigning this data, always enter zero (0).</p>	0	0	0	0
36	ECCIS	<p>Event Based CCIS (E-CCIS)</p> <p>0 = Out of Service 1 = In Service</p>				

ARTI : Assignment of Trunk Application Data

CDN	ROUTE NUMBER					
	TRUNK DATA					
37	ECCISTM	Release timer for E-CCIS Line 0 = 3 minutes (Default setting) 1 = 15 Seconds 2 = 30 Seconds 3 = 1 minute 4 = 2 minutes 5 = 5 minutes 6 = 10 minutes 7 = 30 minutes 8 = 30 minutes 9 = 1 hour 10-13 = Not used 14 = Immediately after call completion 15 = Not released				
38	ECCISOB	OG Billing for E-CCIS Line 0 = Out of Service 1 = In Service				
39	ECCISIB	IC Billing for E-CCIS Line 0 = Out of Service 1 = In Service				
40	SPMET	Account Pulse Watch Control Not used				
41	IDRT	ID Code Specification Not used				
42	ECCISTD	Addressing Information used in E-CCIS 0 = Called DID Number 1 = Called Sub Address				
43	MFCG2	MFC Outgoing Call GII 0 = Priority 1 = Non Priority				
44	OPCC	Optimal Call Control 0 = In Service 1 = Out of Service				
45	ICTCON	ICT Control 0 = Send ALERT 1 = Send CONN When assigning this data, always enter zero (0).	0	0	0	0
46	VRD	Voice Recognize Dial When assigning this data, always enter zero (0).	0	0	0	0
47	INTD	Interface Detail 0 = Q-SIG 1 = IS-11572				
48	JECCIS	Common Use with E-CCIS RT 0 = Out of Service 1 = In Service				

CDN	ROUTE NUMBER					
	TRUNK DATA					
49	ECCIS2	E-CCIS System 0 = Out of Service 1 = Common Channel System 2 = Not used 3 = Not used				
50	IPINT	(Japan only) Public PCS Protocol 0-5= Not used 6 = IP Protocol (2B + D) 7 = Public PCS Protocol (2B + D) 8-15 = Not used				
51	IPTRK	IP Trunk 0 = Out of Service 1 = In Service				
52	CTCF	Call Transfer/Forwarding Q.SIG Supplementary Service 0 = Out of Service 1 = In Service				
53	RERT	Rerouting Function 0 = Out of Service 1 = In Service				
54	DCANS	Answer when DC Dialing 0 = Out of Service 1 = In Service				
55	RND	Trunk Select Data in Round Robin Formula 0 = Out of Service 1 = In Service				
56	CLBK	Kind of Collect Call Blocking Signal (for Brazil only) 0 = GB-7 1 = GB-3				
57	UALAW	User Information for Layer 1 Protocol 0 = Transparent 1 = μ -law output 2 = A-law output 3 = Not used				

ARTIN: Assignment of Trunk Application Data for NDM

1. General

This command assigns and deletes trunk application data in Fusion Network. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only when logging in to NCN (Network Control Node).
2. The data assigned by this command is also allocated to the Trunk Application data for physical route (ARTI). If the Trunk Application data is deleted by using this command, however, the data for physical route is not to be deleted. Therefore, use the ARTI command to invalidate the Trunk Application Data for physical route.

3. Data Entry Instructions

See data sheet in Section 4.

4. Data Sheet

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
1	RST	Assignment of Restart 0 = Restart Send per Individual Channel 1 = Not used 2 = Not used 3 = Restart not Send				
2	HMT	When assigning this data, always enter zero (0).	0	0	0	0
3	TRCRST	Call Restriction by Information transfer rate in Bearer Capability Information Element 0 = No restriction 1 = Data call restriction (Unrestricted digital, Restricted digital and Video data calls are restricted.) 2 = Speech call restriction (Speech, 3.1 kHz audio and 7 kHz audio calls are restricted.) 3-15 = Not used				
4	TRSRST	Call Restriction by Information transfer rate in Bearer Capability Information Element 0 = No restriction 1 = 384 Kbps (H0) call is restricted 2 = 1536 Kbps (H11)/1920 Kbps (H12) call is restricted. 3 = 384 Kbps and 1536 (H11)/1920 Kbps (H12) calls are restricted. 4-15 = Not used				
5	T309LNK	Assignment of Timer T309 for Data Link Failure 0 = Layer 2 Alarm with T309 for Data Link Failure 1 = Layer 2 Alarm [Temporary] with T309 is enabled 2 = Layer 2 Alarm [Permanent] with T309 is enabled 3 = Not used				
6	T309CON	Assignment of Timer T309 for Layer 1 Failure 0 = Layer 1 Alarm with T309 is disabled 1 = Layer 1 Alarm [Temporary] with T309 is enabled 2 = Layer 1 Alarm [Permanent] with T309 is enabled 3 = Not used				

ARTIN : Assignment of Trunk Application Data for NDM

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
7	LLCRST	Call Restriction by user rate in Low Layer Capability Information Element 0 = No restriction 1-31 = Call which includes this user rate value is restricted. Note Note: <i>User rate value is based on ITU-T Q-931.</i>				
8	VCM	When assigning this data, always enter zero (0).	0	0	0	0
9	OVRT	When assigning this data, always enter zero (0).	0	0	0	0
10	POOL	When assigning this data, always enter zero (0).	0	0	0	0
11	DTRT	Deletion of ALL 1 alarm signal (DTI Layer 1 alarm) 0 = Not used 1 = Deletion of ALL 1 alarm signal as a Layer 1 alarm				
12	TMPRT	Temporary Route Information over CCIS 0 = Not used 1 = In CCIS, the route information can be transferred by the call control messages. Moreover, the call restriction can be checked referring to this route information.				
13	CODEC	When assigning this data, always enter zero (0).	0	0	0	0
14	PASS	When assigning this data, always enter zero (0).	0	0	0	0
15	IRL	Clear call when DTI alarm is detected 0 = Not used 1 = Clear call when DTI alarm is detected. Note: <i>This data should be set when there is no Dch in the physical DTI.</i>				
16	MTC	Assignment of Timer T309 Value. Restoration timer (TC×MTC) sec. 0-15 = TC×MTC (Restart timer value)				
17	TC	Timer T309 Counter Value 0 = Not used 1 = 64 msec. 2 = Not used 3 = 2 sec. 4 = 30 sec. 5 = 5 min. 6 = 1 sec. 7 = Not used				
18	TS	When assigning this data, always enter zero (0).	0	0	0	0
19	CDCSPD	When assigning this data, always enter zero (0).	0	0	0	0

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
20	DVRST	Call restriction while Tie Line is backed up on ISDN. 0 = No restriction 1 = Speech call restriction (Speech. 3.1 kHz audio, 7 kHz audio calls are restricted) 2 = Data call restriction (Unrestricted digital, restricted digital and Video data are restricted.) 3 = Both Speech and Data calls are restricted.				
21	RSCT	Call restricted by Temporary Route Information 0 = No restriction 1 = Restriction Note: <i>This data is effective when TMPRT = 1.</i>				
22	ROCG	Outgoing Call Account by Temporary Route Information 0 = Not used 1 = Effective Note: <i>This data is effective when TMPRT = 1.</i>				
23	RICG	Incoming Call Account by Temporary Route Information 0 = Not used 1 = Effective Note: <i>This data is effective when TMPRT = 1.</i>				
24	STSENQ	Status Inquiry Message Send 0 = Out of service 1 = In service				
25	MMNPASS	When assigning this data, always enter zero (0).	0	0	0	0
26	DLTK	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
27	CALN	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
28	NETINT	(Japan only) When assigning this data, always enter zero (0).	0	0	0	0
29	INBAND	When assigning this data, always enter zero (0).	0	0	0	0
30	RETMSG	(Australia only) Return Message for Connect ISDN LINE with Analog Trunk 0 = CALL PROC. + ALERT 1 = CALL PROC. + ALERT or CALL PROC. + PROGRESS				

ARTIN : Assignment of Trunk Application Data for NDM

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
31	ANI	Timing to demand ANI Information 0 = There is no ANI demand at Incoming call 1 = After receiving 1st digit 2 = After receiving 2nd digit 3 = After receiving 3rd digit 4 = After receiving 4th digit 5 = After receiving 5th digit 6 = After receiving 6th digit 7 = After receiving 7th digit				
32	SRV	(Australia only) Additional Service Selection bit 0 = Advice of Charge (AOC) 0 = Valid 1 = Invalid bit 1 = Malicious Call Trace (MCT)/Malicious Call Identification (MCID) 0 = Valid 1 = Invalid bit2-bit6 = Not used bit7 = For TON and/or NPI 0 = Invalid 1 = Valid Note: <i>Input this data by a decimal.</i>				
33	TON	Type of Number 0 = Unknown 1 = International Number 2 = National Number 3 = Network Special Number 4 = Subscriber Number 5 = Not used 6 = Abbreviated Number 7 = Reserved for Extension Note: <i>This data is effective when ARTD, INT = 4 and SRV bit7 = 1 is assigned.</i>				
34	NPI	Numbering Plan Identification 0 = Unknown 1 = ISDN/Telephony Numbering Plan 2 = Not used 3 = Data Numbering Plan 4 = Telex Numbering Plan 5-7 = Not used 8 = National Standard Numbering Plan 9 = Private Numbering Plan 10-14 = Not used 15 = Reserved for Extension Others = Not used Note: <i>This data is effective when ARTD, INT = 4 and SRV bit7 = 1 is assigned.</i>				

ARTIN : Assignment of Trunk Application Data for NDM

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
35	L/T	Local/Toll (<i>Russia only</i>) When assigning this data, always enter zero (0).	0	0	0	0
36	ECCIS	Event Based CCIS (E-CCIS) 0 = Invalid 1 = Valid				
37	ECCISTM	Release timer for E-CCIS Line 0: 3 minutes (Default) 1: 15 seconds 2: 30 seconds 3: 1 minute 4: 2 minutes 5: 5 minutes 6: 10 minutes 7: 15 minutes 8: 30 minutes 9: 1 hour 10-13: Not used 14: Immediately after call completion (for Speech Channel)/1 minute (for Sin- gle Channel) 15: Not released				
38	ECCISOB	OG Billing for E-CCIS Line 0 = Not required 1 = Required				
39	ECCISIB	IC Billing for E-CCIS Line 0 = Not required 1 = Required				
40	SPMET	Account Pulse Watch Control Not used				
41	IDRT	ID Code Specification Not used				
42	ECCISTD	Addressing Information used in E-CCIS 0 = Called DID number 1 = Called Sub Address				
43	MFCG2	MFC Outgoing Call GII (Calling Party Category) 0 = Subscriber with Priority 1 = Subscriber without Priority				
44	OPCC	Optimal Call Control 0 = In Service 1 = Out of Service				
45	ICTCON	ICT Control 0 = Send ALERT 1 = Send CONN When assigning this data, zero (0) should always be entered.	0	0	0	0
46	VRD	Voice Recognize Dial When assigning this data, zero (0) should always be entered.	0	0	0	0

ARTIN : Assignment of Trunk Application Data for NDM

CDN	LOGICAL ROUTE NUMBER (1-899)					
	TRUNK DATA					
47	INTD	Interface Detail 0 = Q-SIG 1 = IS-11572				
48	JECCIS	Common Use with E-CCIS RT 0 = Out of Service 1 = In Service				
49	ECCIS2	E-CCIS System 0 = Out of Service 1 = Common Channel System 2 = Not used 3 = Not used				
50	IPINT	(Japan only) Public PCS Protocol 0-5 = Not used 6 = IP Protocol (2B+D) 7 = Public PCS Protocol (2B+D) 8-15 = Not used				
51	IPTK	IP Trunk 0 = Out of Service 1 = In Service				
52	CTCF	Call Transfer/Forwarding Q.SIG Supplementary Service 0 = Out of service 1 = In Service				
53	RERT	Rerouting Function 0 = Out of service 1 = In Service				
54	DCANS	Answer when DC Dialing 0 = Out of service 1 = In Service				
55	RND	Trunk Select Data in Round Robin Formula 0 = Out of service 1 = In Service				
56	CLBK	Kind of Collect Call Blocking Signal (for Brazil only) 0 = GB-7 1 = GB-3				

ASHP: Assignment of Station Hunting Group-Pilot

1. General

This command assigns the data related to the Station Hunting - Pilot service feature.

2. Precautions

1. This command is also used to modify and delete the Station Hunting - Pilot service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
4. The Pilot station number is assigned in the STN parameter.
5. Press ESC to skip forward to the SECRETARY parameter when all the desired member stations have been entered.
6. Enter space (blank) in the SECRETARY parameter if a secretary station is not required.
7. The Phantom station number (which is assigned by the APHN command) cannot be assigned for the pilot station number of the Station Hunting - Pilot.

3. Data Entry Instructions

SECRETARY
Enter the secretary station number if required.

TENANT NUMBER (TN) 1-63	STATION NUMBER (STN)	SECRETARY STATION NUMBER (SECRETARY)					
STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

Note: Enter the Station Number to be assigned in "EDIT STN" box on the display.

ASHP : Assignment of Station Hunting Group-Pilot

4. Data Sheet

TENANT NUMBER (TN)		PILOT STATION NUMBER (STN)		SECRETARY STATION NUMBER (SECRETARY)			
STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN
2	| | | | |	27	| | | | |	52	| | | | |	77	| | | | |
3	| | | | |	28	| | | | |	53	| | | | |	78	| | | | |
4	| | | | |	29	| | | | |	54	| | | | |	79	| | | | |
5	| | | | |	30	| | | | |	55	| | | | |	80	| | | | |
6	| | | | |	31	| | | | |	56	| | | | |	81	| | | | |
7	| | | | |	32	| | | | |	57	| | | | |	82	| | | | |
8	| | | | |	33	| | | | |	58	| | | | |	83	| | | | |
9	| | | | |	34	| | | | |	59	| | | | |	84	| | | | |
10	| | | | |	35	| | | | |	60	| | | | |	85	| | | | |
11	| | | | |	36	| | | | |	61	| | | | |	86	| | | | |
12	| | | | |	37	| | | | |	62	| | | | |	87	| | | | |
13	| | | | |	38	| | | | |	63	| | | | |	88	| | | | |
14	| | | | |	39	| | | | |	64	| | | | |	89	| | | | |
15	| | | | |	40	| | | | |	65	| | | | |	90	| | | | |
16	| | | | |	41	| | | | |	66	| | | | |	91	| | | | |
17	| | | | |	42	| | | | |	67	| | | | |	92	| | | | |
18	| | | | |	43	| | | | |	68	| | | | |	93	| | | | |
19	| | | | |	44	| | | | |	69	| | | | |	94	| | | | |
20	| | | | |	45	| | | | |	70	| | | | |	95	| | | | |
21	| | | | |	46	| | | | |	71	| | | | |	96	| | | | |
22	| | | | |	47	| | | | |	72	| | | | |	97	| | | | |
23	| | | | |	48	| | | | |	73	| | | | |	98	| | | | |
24	| | | | |	49	| | | | |	74	| | | | |	99	| | | | |
25	| | | | |	50	| | | | |	75	| | | | |	100	| | | | |
26	| | | | |	51	| | | | |	76	| | | | |		| | | | |

ASHPL: Assignment of Station Hunting Group-Pilot for LDM

1. General

This command assigns the data related to the Station Hunting - Pilot. With this command, Station Hunting Group - Pilot can be assigned by using Telephone Number.

2. Precautions

1. This command is also used to modify and delete the Station Hunting - Pilot service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.
3. There is no limitation on the number of Pilot groups in a system.
4. The Pilot station number is assigned in the TELN parameter.
5. The data assigned at this command is invalid in Fusion Network.

3. Data Entry Instructions

UGN
Fixed to 1.

SECRETARY TELN
Enter the secretary telephone number if required.

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	SECRETARY TELEPHONE NUMBER (SECRETARY TELN) Max. 16 digits
1		

STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

TELN CNT 2-100
Telephone Number of the member stations.

Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ASHPL : Assignment of Station Hunting Group-Pilot for LDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)		SECRETARY TELEPHONE NUMBER (SECRETARY TELN)			
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ASHPN: Assignment of Station Hunting Group-Pilot for NDM

1. General

This command assigns the data related to the Station Hunting - Pilot for Fusion Service. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating NDM at each Local Node (LN).

2. Precautions

1. This command is also used to modify and delete the Station Hunting - Pilot service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.
3. The Pilot station number is assigned in the TELN parameter.

3. Data Entry Instructions

UGN Fixed to 1		SECRETARY TELN Enter the secretary station number if required.					
USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max.16 digits	SECRETARY TELEPHONE NUMBER (SECRETARY TELN) Max.16 digits					
1							
STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ASHPN : Assignment of Station Hunting Group-Pilot for NDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ASHC: Assignment of Station Hunting Group - Circular

1. General

This command assigns the data related to the Station Hunting - Circular service feature.

2. Precautions

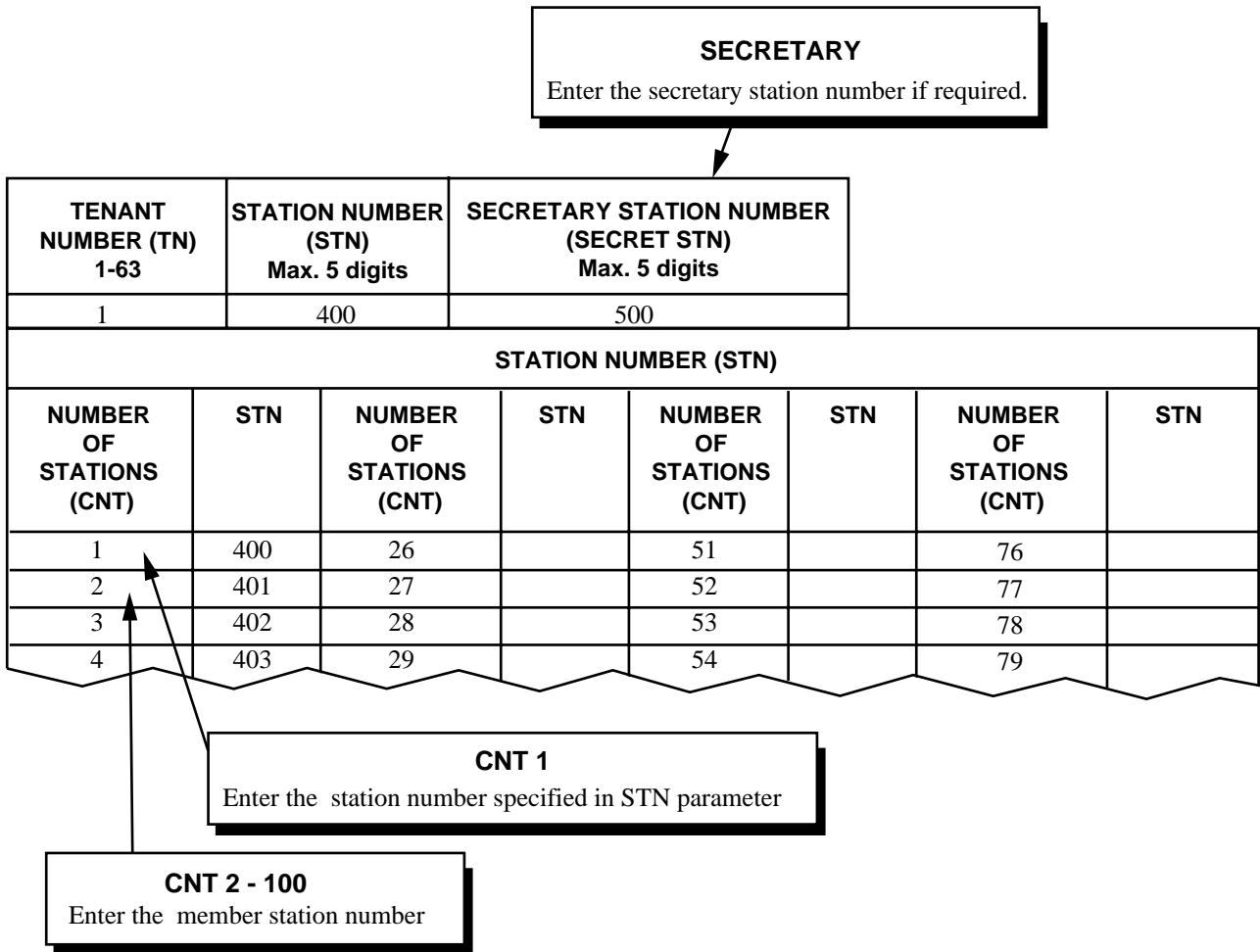
1. This command is also used to modify and delete the Station Hunting - Circular service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.
3. When assigning the Circular Hunting member station data, the data entered in the STN text box must be reentered as CNT 1 text box.

Example: When the station numbers 300, 301, and 302 are the members of the Station Hunting - Circular group, assign the data as follows:

```
STN   = 300
CNT 1 = 300
CNT 2 = 301
CNT 3 = 302
```

4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
5. Press ESC to skip forward to the SECRETARY parameter when all the desired member stations have been entered.
6. Enter space (blank) in the SECRETARY parameter if a secretary station is not required.

3. Data Entry Instructions



Note: Enter the Station Number to be assigned in "EDIT STN" box on the display.

4. Data Sheet

TENANT NUMBER (TN)		STATION NUMBER (STN) MAXIMUM 5 DIGITS		SECRETARY STATION NUMBER (SECRETARY)			
STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN
1		26		51		76	
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	

ASHCL: Assignment of Station Hunting Group-Circular for LDM

1. General

This command assigns the data related to the Station Hunting - Circular service feature. With this command, Station Hunting Group - Circular can be assigned by using Telephone Number.

2. Precautions

1. This command is also used to modify and delete the Station Hunting - Circular service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.
3. There is no limitation on the number of Circular groups in a system.
4. The data assigned at this command is invalid in Fusion Network.

3. Data Entry Instructions

UGN
Fixed to 1.

SECRETARY TELN
Enter the secretary telephone number if required.

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max.16 digits	SECRETARY TELEPHONE NUMBER (SECRETARY TELN) Max.16 digits
1		

STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

TELN CNT 2-100
Telephone Number of the member stations.

Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)		SECRETARY TELEPHONE NUMBER (SECRETARY TELN)			
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ASHCN: Assignment of Station Hunting Group - Circular for NDM

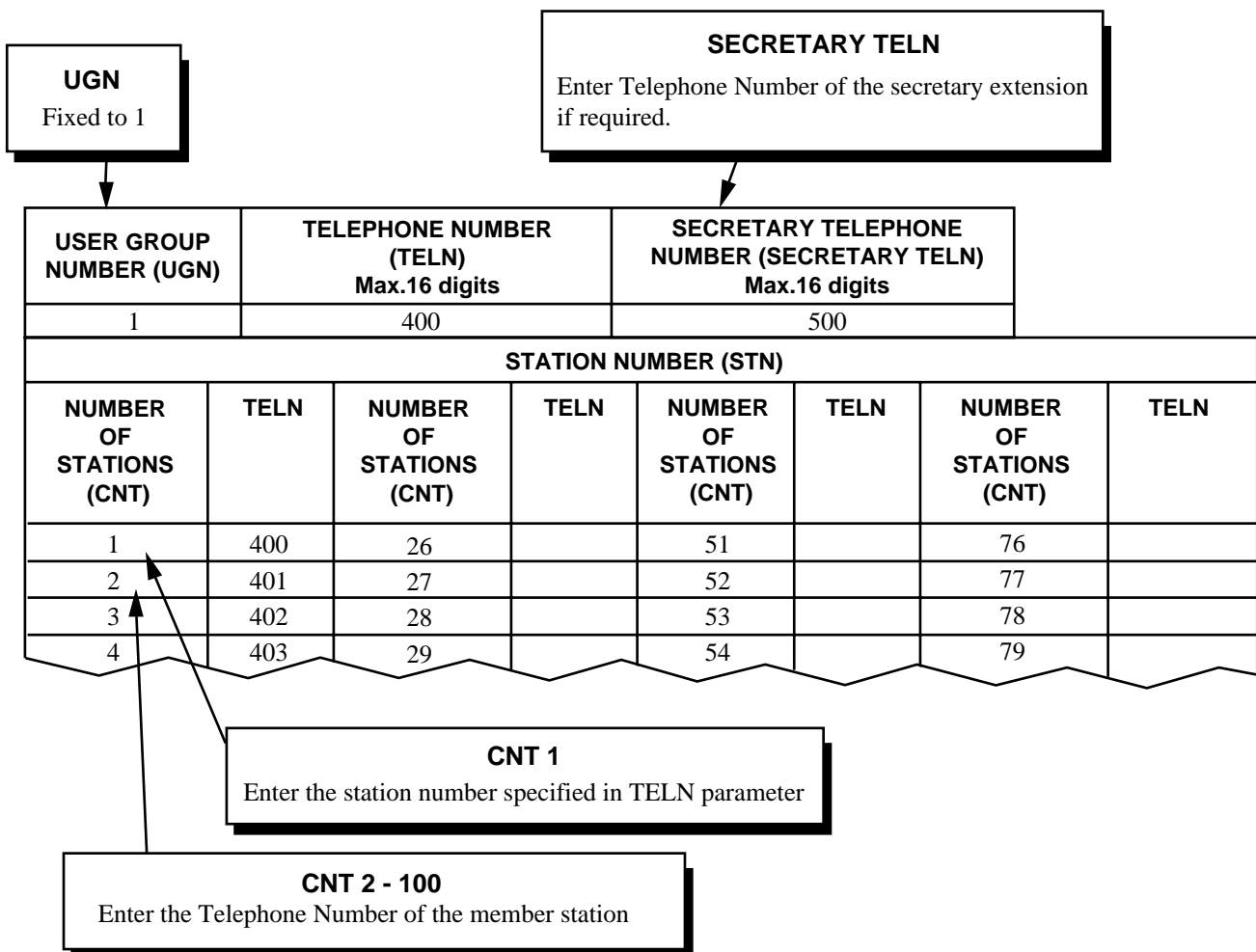
1. General

This command assigns the data related to the Station Hunting - Circular for Fusion Service. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command is also used to modify and delete the Station Hunting - Circular service feature related data.
2. The maximum number of member stations within a Hunting Group is 100.

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)		SECRETARY TELEPHONE NUMBER (SECRETARY TELN)			
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
1		26		51		76	
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	

ASHU: Assignment of Station Hunting Group-UCD

1. General

This command assigns the data related to the Uniform Call Distribution (UCD) service feature.

2. Precautions

1. This command is also used to modify and delete the UCD service related data.
2. The maximum number of stations within a UCD group is 100.
3. The UCD pilot station (controlling station) is assigned at the STN parameter.
4. Press ESC to skip forward to the WRT? text box when all the desired stations have been entered.
5. Assign the AUAD command if the Delay Announcement-UCD service feature is required.
6. Assign the AUCD command if the following peripheral thresholds are required:
 - (a) The number of calls in UCD queuing that are used for the UCD Peg Count.
 - (b) The threshold causes the UCD Call Waiting Lamp located on a D^{term} to flash.
 - (c) Denies the MCI call result text if the call terminated to the UCD group.
7. Assign AUOG command if the Overflow-UCD service feature is required.
8. When assigning the AUAD/AUCD/AUOG commands, the Tenant Number (TN) and the UCD Pilot station (controlling station) number (STN) assigned in this command are used to specify the UCD group.
9. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

STN
Enter UCD pilot (controlling station) number

TENANT NUMBER (TN) 1-63	STATION NUMBER (STN)

STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

Note: Enter the Station Number to be assigned in "EDIT STN" box on the display.

ASHU : Assignment of Station Hunting Group-UCD

4. Data Sheet

TENANT NUMBER (TN)		STATION NUMBER (STN) Note					
STATION NUMBER (STN)							
NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN	NUMBER OF STATIONS (CNT)	STN
2	| | | | |	27	| | | | |	52	| | | | |	77	| | | | |
3	| | | | |	28	| | | | |	53	| | | | |	78	| | | | |
4	| | | | |	29	| | | | |	54	| | | | |	79	| | | | |
5	| | | | |	30	| | | | |	55	| | | | |	80	| | | | |
6	| | | | |	31	| | | | |	56	| | | | |	81	| | | | |
7	| | | | |	32	| | | | |	57	| | | | |	82	| | | | |
8	| | | | |	33	| | | | |	58	| | | | |	83	| | | | |
9	| | | | |	34	| | | | |	59	| | | | |	84	| | | | |
10	| | | | |	35	| | | | |	60	| | | | |	85	| | | | |
11	| | | | |	36	| | | | |	61	| | | | |	86	| | | | |
12	| | | | |	37	| | | | |	62	| | | | |	87	| | | | |
13	| | | | |	38	| | | | |	63	| | | | |	88	| | | | |
14	| | | | |	39	| | | | |	64	| | | | |	89	| | | | |
15	| | | | |	40	| | | | |	65	| | | | |	90	| | | | |
16	| | | | |	41	| | | | |	66	| | | | |	91	| | | | |
17	| | | | |	42	| | | | |	67	| | | | |	92	| | | | |
18	| | | | |	43	| | | | |	68	| | | | |	93	| | | | |
19	| | | | |	44	| | | | |	69	| | | | |	94	| | | | |
20	| | | | |	45	| | | | |	70	| | | | |	95	| | | | |
21	| | | | |	46	| | | | |	71	| | | | |	96	| | | | |
22	| | | | |	47	| | | | |	72	| | | | |	97	| | | | |
23	| | | | |	48	| | | | |	73	| | | | |	98	| | | | |
24	| | | | |	49	| | | | |	74	| | | | |	99	| | | | |
25	| | | | |	50	| | | | |	75	| | | | |	100	| | | | |
26	| | | | |	51	| | | | |	76	| | | | |		| | | | |

Note: Enter first Station Number here. This Station becomes the control station.

ASHUL: Assignment of Station Hunting Group-UCD for LDM

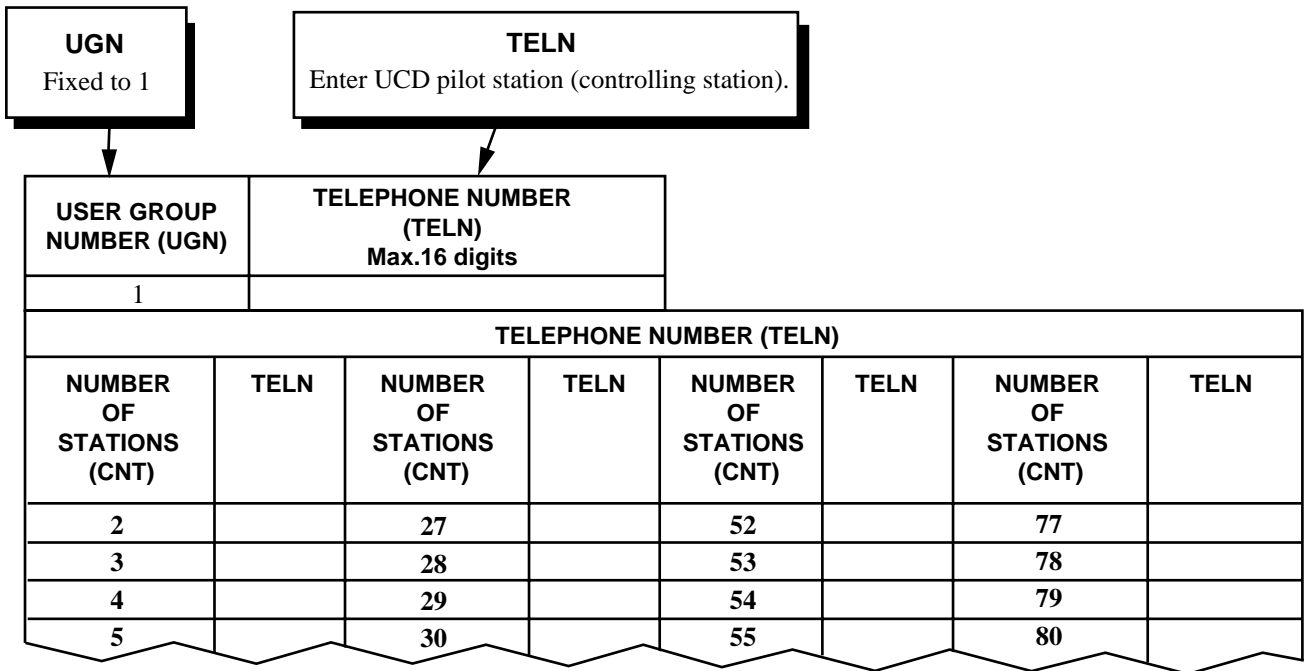
1. General

This command assigns the data related to the Uniform Call Distribution (UCD) service feature for each Node by using Telephone Number. The data is written in Local Data Memory (LDM).

2. Precautions

1. This command is also used to modify and delete the UCD service related data.
2. The maximum number of stations within a UCD group is 100.
3. A maximum of 63 UCD groups can be arranged per a Node.
4. The UCD pilot station (controlling station) is assigned at the TELN parameter.
5. Press ESC to skip forward to the WRT? text box when all the desired stations have been entered.
6. Assign the AUADN command if the Delay Announcement-UCD service feature is required.
7. Assign the AUCDN command if the peripheral threshold listed below is required:
 - (a) The number of call in UCD queuing which is used for the UCD Peg Count
 - (b) The threshold of the UCD Call Waiting Lamp (which can be accommodated on a D^{term}) starts to flash
 - (c) Denial of the MCI call result text of the call terminated to the UCD group
8. Assign AUOGL command if the Overflow-UCD service feature is required.
9. When assigning the AUADL/AUCDL/AUOGL commands, the User Group Number (UGN) and the UCD Pilot station (controlling station) number (TELN) assigned in this command are used to specify the UCD group.

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in “EDIT TELN” box on the display.

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ASHUN: Assignment of Station Hunting Group-UCD for NDM

1. General

This command assigns the data related to the Uniform Call Distribution (UCD) for Fusion Service. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command is also used to modify and delete the UCD service related data.
2. The maximum number of stations within a UCD group is 100.
3. The UCD pilot station (controlling station) is assigned at the TELN parameter.
4. Press ESC to skip forward to the WRT? text box when all the desired stations have been entered.
5. Assign the AUADN command if the Delay Announcement-UCD service feature is required.
6. Assign the AUCDN command if the peripheral threshold listed below is required:
 - (a) The number of call in UCD queuing which is used for the UCD Peg Count
 - (b) The threshold of the UCD Call Waiting Lamp (which can be accommodated on a D^{term}) starts to flash
 - (c) Denial of the MCI call result text of the call terminated to the UCD group
7. Assign AUOGN command if the Overflow-UCD service feature is required.
8. When assigning the AUADN/AUCDN/AUOGN commands, the User Group Number (UGN) and the UCD Pilot station (controlling station) number (TELN) assigned in this command are used to specify the UCD group.

3. Data Entry Instructions

<p>UGN Fixed to 1</p>		<p>TELN Enter UCD pilot station (controlling station).</p>					
<p>USER GROUP NUMBER (UGN)</p>		<p>TELEPHONE NUMBER (TELN) Max.16 digits</p>					
<p>1</p>							
<p>TELEPHONE NUMBER (TELN)</p>							
NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN	NUMBER OF STATIONS (CNT)	TELN
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	

Note: Enter the Telephone Number to be assigned in “EDIT TELN” box on the display.

ASHUN : Assignment of Station Hunting Group-UCD for NDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

AUCD: Assignment of UCD Control Data

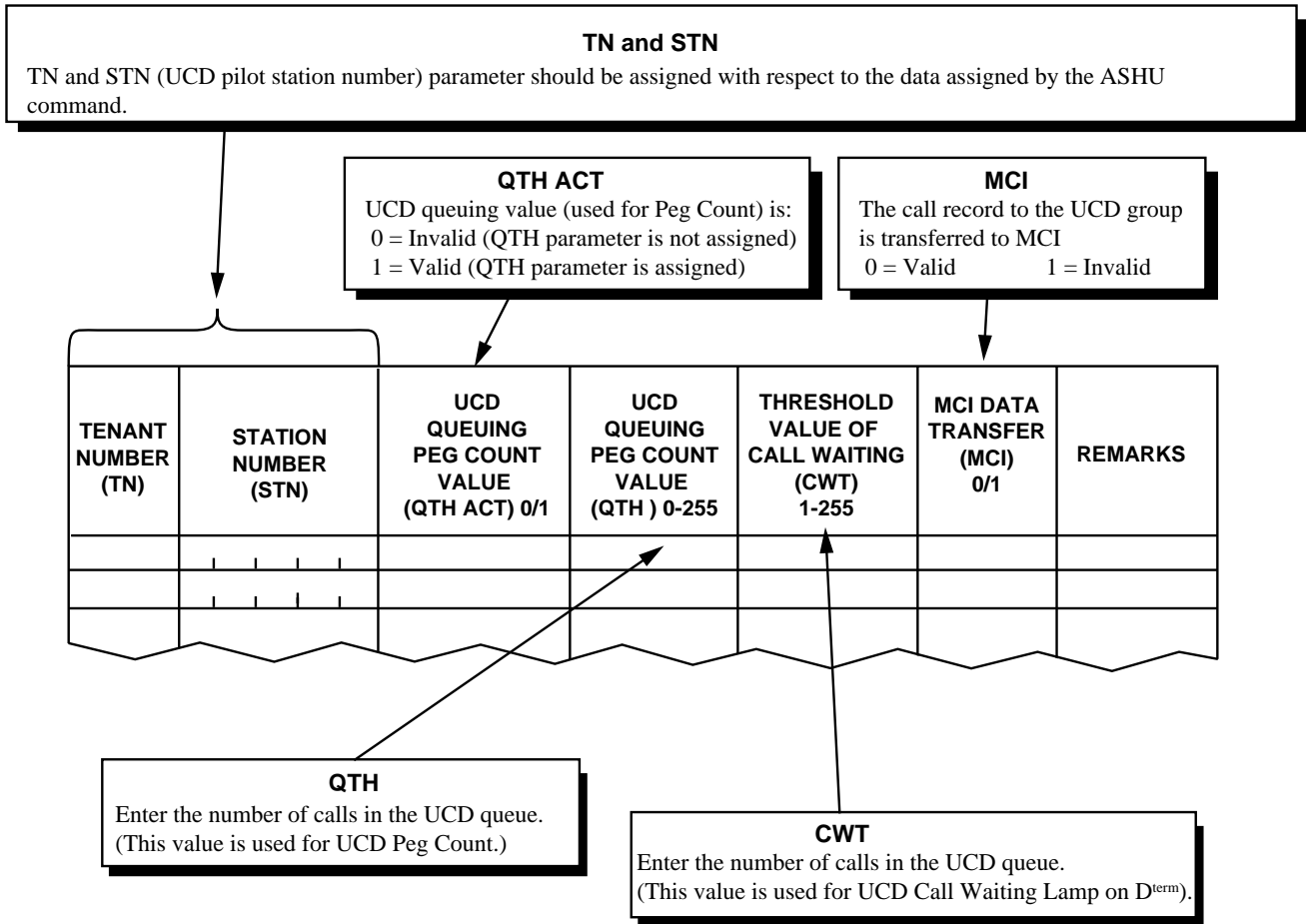
1. General

This command assigns the miscellaneous data related to the Uniform Call Distribution (UCD) service feature.

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
2. The UCD member station and UCD pilot (controlling station) station should be assigned by the ASHU command.
3. This command can be specified using the following UCD related options:
 - (a) The number of calls in UCD queuing which is used for the UCD Peg Count
 - (b) The threshold of the UCD Call Waiting Lamp (which is accommodated on a D^{term}) starts to flash
 - (c) Denial of the MCI call result text of the call terminated to the UCD group
4. The following data should also be assigned for UCD - Call Waiting lamp flashing:
ASYD command, SYS1, INDEX 61, b5 = 1 (Call Waiting Display-UCD in Service)
AKYD command, FKY=47 (UCD Call Waiting Lamp)
5. After the data assignment, the line circuit card which contains the UCD group stations must be initialized (turn the MB key ON/OFF).

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	UCD QUEUING PEG COUNT VALUE (QTH ACT) 0/1	UCD QUEUING PEG COUNT VALUE (QTH) 0-255	THRESHOLD VALUE OF CALL WAITING (CWT) 1-255	MCI DATA TRANSFER (MCI) 0/1	REMARKS

AUCDL: Assignment of UCD Control Data for LDM

1. General

This command assigns the miscellaneous data related to the Uniform Call Distribution (UCD) service feature for each Node by using Telephone Number. The data is written in Local Data Memory (LDM).

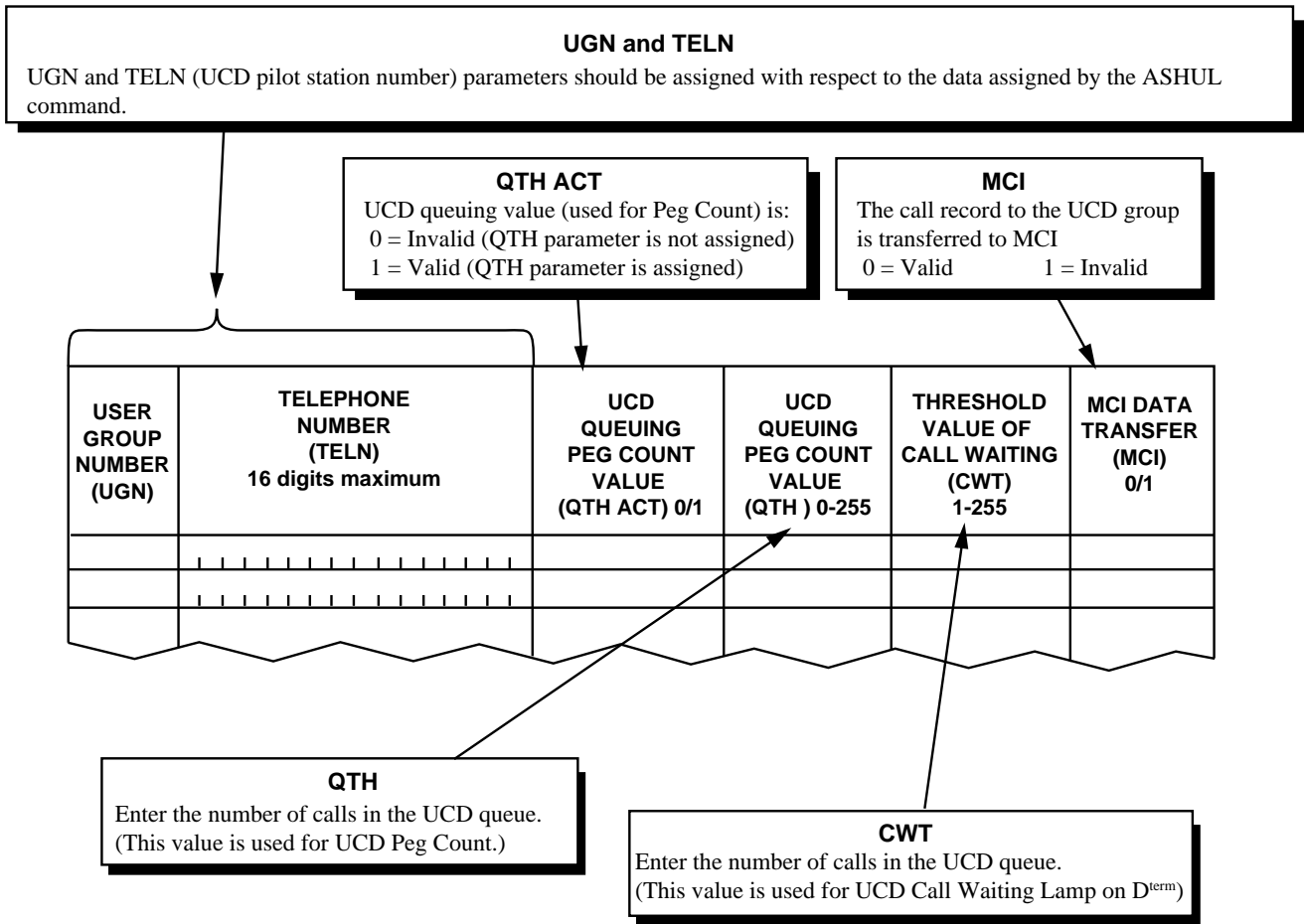
2. Precautions

1. The UCD member station and UCD pilot (controlling station) station should be assigned by the ASHUL command.
2. This command is used to specify the following UCD related options:
 - (a) The number of calls in UCD queuing which is used for the UCD Peg Count.
 - (b) The threshold of the UCD Call Waiting Lamp (which is accommodated on a D^{term}) starts to flash.
 - (c) Denial of the MCI call result text of the call terminated to the UCD group.
3. The following data should also be assigned for UCD - Call Waiting lamp flashing:

ASYD command, SYS1, INDEX 61, b5 = 1 (Call Waiting Display-UCD in Service)

AKYD command, FKY = 47 (UCD Call Waiting Lamp)
4. After the data assignment, the line circuit card which contains the UCD group stations must be initialized (turn the MB key ON/OFF).

3. Data Entry Instructions



AUCDN: Assignment of UCD Control Data for NDM

1. General

This command assigns the miscellaneous data related to the Uniform Call Distribution (UCD) for Fusion Service. The data assigned on this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

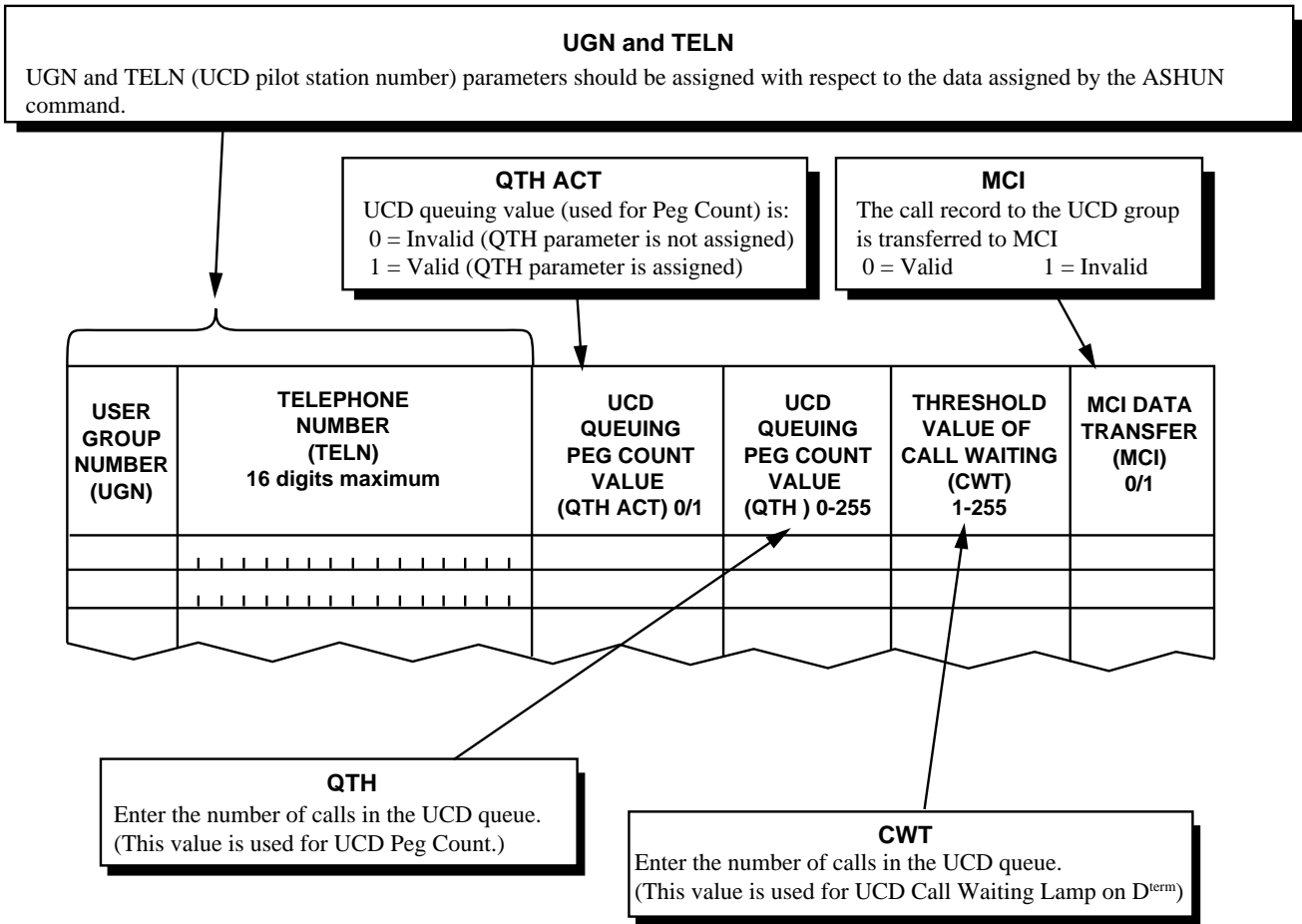
2. Precautions

1. The UCD member station and UCD pilot (controlling station) station should be assigned by the ASHUN command.
2. This command can be specified using the following UCD related options:
 - (a) The number of calls in UCD queuing which is used for the UCD Peg Count.
 - (b) The threshold of the UCD Call Waiting Lamp (which is accommodated on a D^{term}) starts to flash.
 - (c) Denial of the MCI call result text of the call terminated to the UCD group.
3. The following data should also be assigned for UCD - Call Waiting lamp flashing:

ASYD command, SYS1, INDEX 61, b5 = 1 (Call Waiting Display-UCD in Service)

AKYD command, FKY = 47 (UCD Call Waiting Lamp)
4. After the data assignment, the line circuit card which contains the UCD group stations must be initialized (turn the MB key ON/OFF).

3. Data Entry Instructions



4. Data Sheet

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) 16 digits maximum	UCD QUEUING PEG COUNT VALUE (QTH ACT) 0/1	UCD QUEUING PEG COUNT VALUE (QTH) 0-255	THRESHOLD VALUE OF CALL WAITING (CWT) 1-255	MCI DATA TRANSFER (MCI) 0/1

AUOG: Assignment of UCD Overflow Group

1. General

This command assigns the data related to the Overflow - UCD service feature.

2. Precautions

1. The UCD member station and the UCD pilot (controlling station) station should be assigned by the ASHU command.
2. The calls terminate to the designated group can overflow (forward) to another UCD group. They overflow from TN-A, STN-A to TN-B, STN-B.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

TN-A and STN-A
 TN-A and STN-A (UCD pilot station number) parameters should be assigned with respect to the data assigned by the ASHU command.

ORIGINAL UCD GROUP		OVERFLOW UCD GROUP		REMARKS
TENANT NUMBER (TN-A)	STATION NUMBER (STN-A)	TENANT NUMBER (TN-B)	STATION NUMBER (STN-B)	

TN-B and STN-B
 TN-B and STN-B (UCD pilot station number) parameters should be assigned with respect to the data assigned by the ASHU command.

4. Data Sheet

ORIGINAL UCD GROUP		OVERFLOW UCD GROUP		REMARKS
TENANT NUMBER (TN-A)	STATION NUMBER (STN-A)	TENANT NUMBER (TN-B)	STATION NUMBER (STN-B)	

AUOGL: Assignment of UCD Overflow Group for LDM

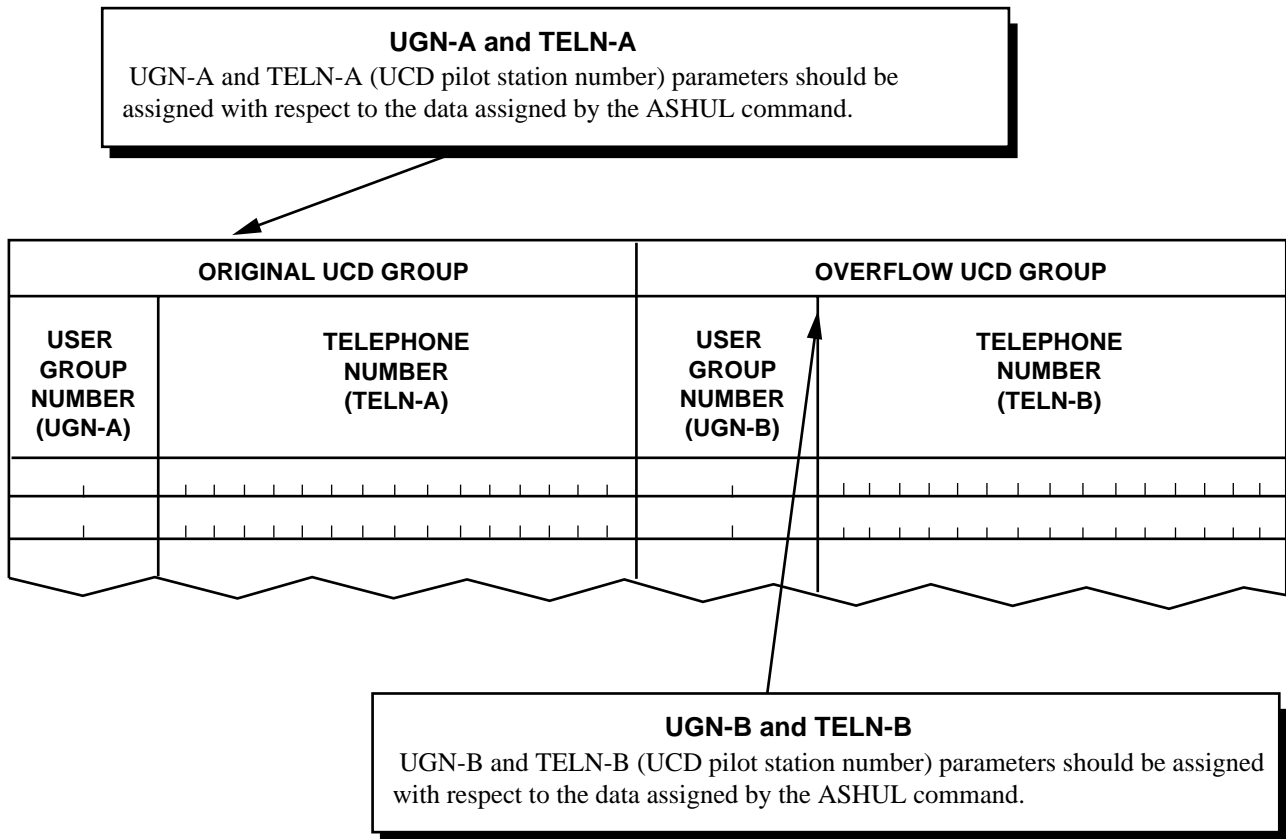
1. General

This command assigns the data related to the Overflow - UCD service feature for each Node by using Telephone Number. The data is written in Local Data Memory (LDM).

2. Precautions

1. The UCD member station and the UCD pilot (controlling station) station should be assigned by the ASHUL command.
2. The calls terminate to the designated group can overflow (forward) to another UCD group. They overflow from UGN-A, TELN-A to UGN-B, TELN-B.

3. Data Entry Instructions



AUOGN: Assignment of UCD Overflow Group for NDM

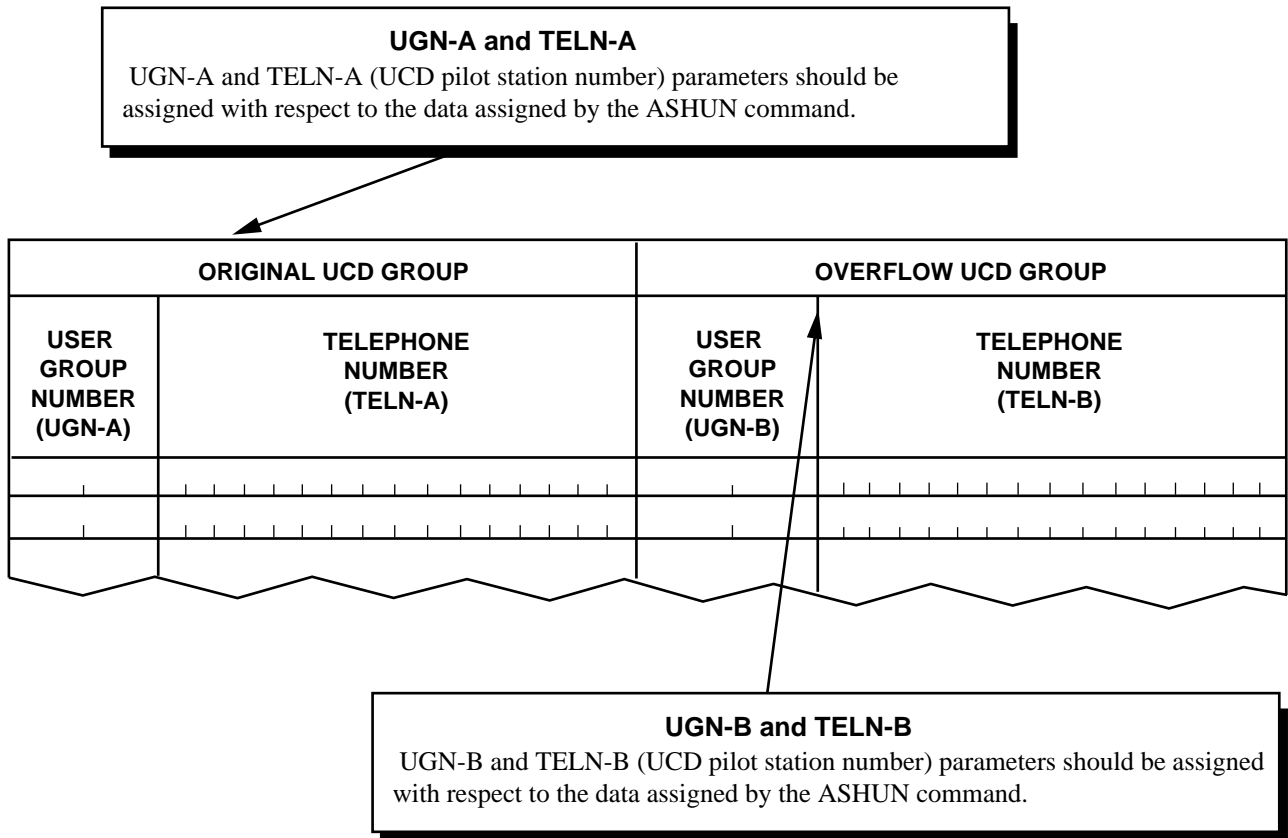
1. General

This command assigns the data related to the Overflow - UCD for Fusion Service. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The UCD member station and the UCD pilot (controlling station) station should be assigned by the ASHUN command.
2. The calls terminate to the designated group can overflow (forward) to another UCD group. They overflow from UGN-A, TELN-A to UGN-B, TELN-B.

3. Data Entry Instructions



4. Data Sheet

ORIGINAL UCD GROUP		OVERFLOW UCD GROUP	
USER GROUP NUMBER (UGN-A)	TELEPHONE NUMBER (TELN-A)	USER GROUP NUMBER (UGN-B)	TELEPHONE NUMBER (TELN-B)

AUAD: Assignment of UCD Delayed Announcement Data

1. General

This command assigns the data related to the Delay Announcement - UCD service feature.

2. Precautions

1. The UCD member station and UCD pilot (controlling station) station should be assigned by the ASHU command.
2. A maximum of eight (8) external announcement machines can be assigned per UCD group.
3. As to the designation of sharing the UCD Announcement Information (ASYD SYS 1, INDEX 70, bit 6 : 0/1 = Common/per UCD group), be sure to follow as mentioned below;
 - In case the system data (ASYD, SYS 1, INDEX 70, bit 6) shall be modified after the UCD Announcement Information has already been assigned, first clear all the data assigned by this command (AUAD), then the new data is to be reassigned.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

TN and STN
 TN and STN (UCD pilot station number) parameters should be assigned with respect to the TN and STN data assigned by the ASHU command.

DLYT
 Enter the delay timer value in second with a range of 0-30 seconds. (2 seconds increments)

MSGT
 Enter the message timer value in seconds within 0-30 seconds. (2 seconds increments)
 However, this value is not effective if the Route data of Announcement Trunk is assigned as follows:
 ARTD ANS = 1

CONTROLLING STATION		DELAY TIMER (DLYT) 0-30	MESSAGE TIMER (MSGT) 0-30	ANNOUNCE- MENT OUTPUT REPLAY (RP) 0/1	REPLAY INTERVAL (INT) 0-30	NUMBER OF ANNOUNCEMENT TRUNK (CNT) 1-8	ANNOUNCEMENT TRUNK	
TENANT NUMBER (TN)	STATION NUMBER (STN)						ROUTE NUMBER (RT)	TRUNK NUMBER (TK)
						1		
						2		

RP
 Announcement replay
 0 = Once
 1 = Repeat within the time specified by the INT parameter

CNT
 The number of external trunks to be connected to an external announcement machine.

INT
 The INT parameter appears when RP = 1.
 Enter the replay interval time value in seconds with a range of 0-30 seconds. (2 seconds increments)

AUAD : Assignment of UCD Delayed Announcement Data

4. Data Sheet

CONTROLLING STATION		DELAY TIMER (DLYT) 0-30	MESSAGE TIMER (MSGT) 0-30	ANNOUNCEMENT OUTPUT REPLAY (RP) 0/1	REPLAY INTERVAL (INT) 2-30	NUMBER OF ANNOUNCEMENT TRUNK (CNT) 1-8	ANNOUNCEMENT TRUNK	
TENANT NUMBER (TN)	STATION NUMBER (STN)						ROUTE NUMBER (RT)	TRUNK NUMBER (TK)
						1	| | |	| | |
						2	| | |	| | |
						3	| | |	| | |
						4	| | |	| | |
						5	| | |	| | |
						6	| | |	| | |
						7	| | |	| | |
						8	| | |	| | |

AUADL: Assignment of UCD Delayed Announcement Data for LDM

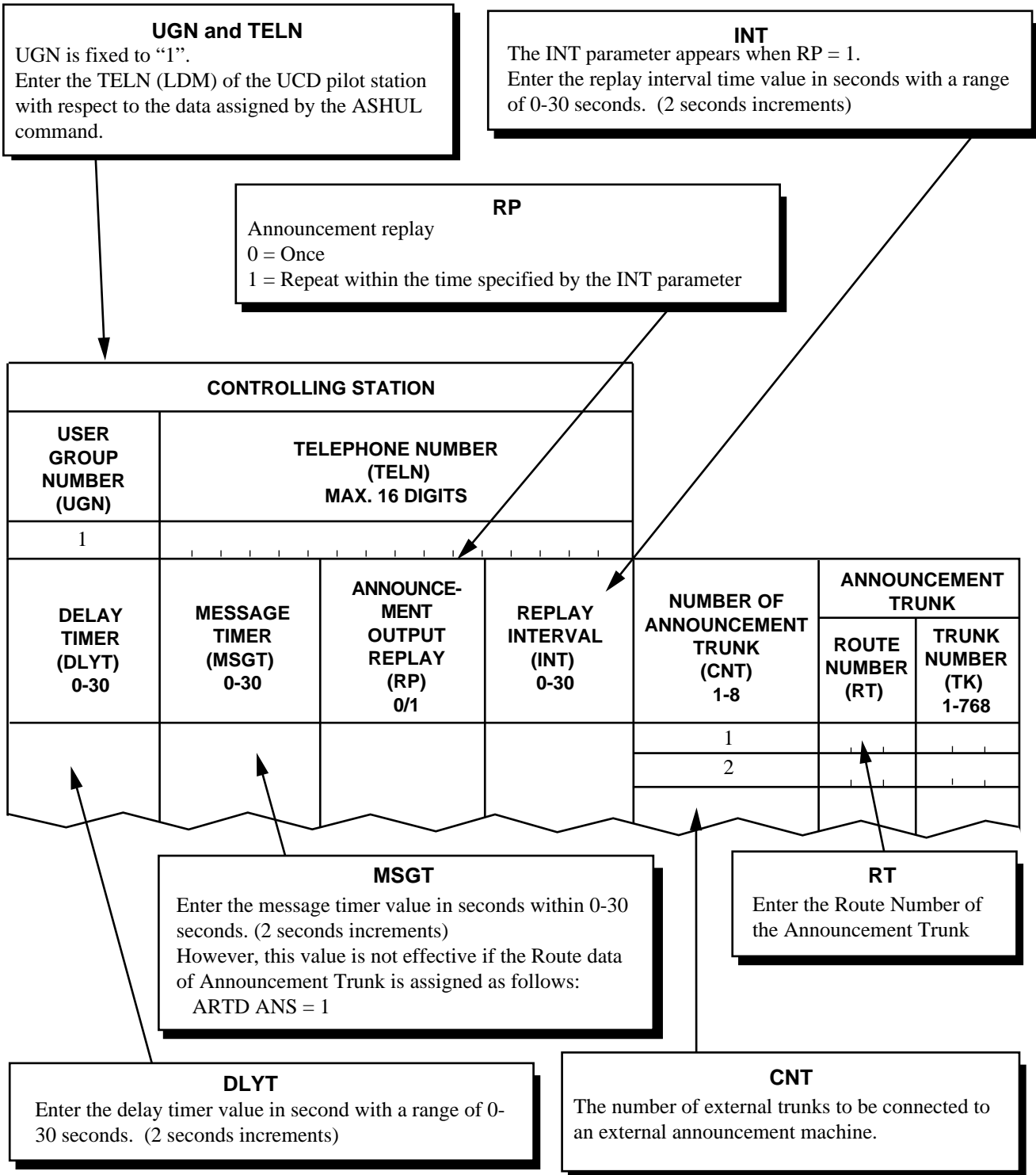
1. General

This command assigns the data related to the Delay Announcement - UCD service feature for each Node by using Telephone Number. The data is written in the Local Data Memory (LDM).

2. Precautions

1. Assign the Telephone Number (LDM) of the UCD member station by using the ASHUL command.
2. A maximum of eight (8) external announcement machines can be assigned per a UCD group.
3. As to the designation of sharing the UCD Announcement Information (ASYDL, SYS 1, INDEX 804, bit 4 : 0/1 = per UCD group/Common), be sure to follow the note as mentioned below:
 - In case the system data (ASYDL, SYS 1, INDEX 804, bit 4) shall be modified after the UCD Announcement Information has already been assigned, first clear all the data assigned by this command (AUADL), then the new data is to be reassigned.

3. Data Entry Instructions



4. Data Sheet

CONTROLLING STATION						
USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) MAX.16 DIGITS					
DELAY TIMER (DLYT) 0-30	MESSAGE TIMER (MSGT) 0-30	ANNOUNCEMENT OUTPUT REPLAY (RP) 0/1	REPLAY INTERVAL (INT) 2-30	NUMBER OF ANNOUNCEMENT TRUNK (CNT) 1-8	ANNOUNCEMENT TRUNK	
					ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-768
				1		
				2		
				3		
				4		
				5		
				6		
				7		
				8		
CONTROLLING STATION						
USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) MAX.16 DIGITS					
DELAY TIMER (DLYT) 0-30	MESSAGE TIMER (MSGT) 0-30	ANNOUNCEMENT OUTPUT REPLAY (RP) 0/1	REPLAY INTERVAL (INT) 2-30	NUMBER OF ANNOUNCEMENT TRUNK (CNT) 1-8	ANNOUNCEMENT TRUNK	
					ROUTE NUMBER (RT)	TRUNK NUMBER (TK)
				1		
				2		
				3		
				4		
				5		
				6		
				7		
				8		

AUADN: Assignment of UCD Delayed Announcement Data for NDM

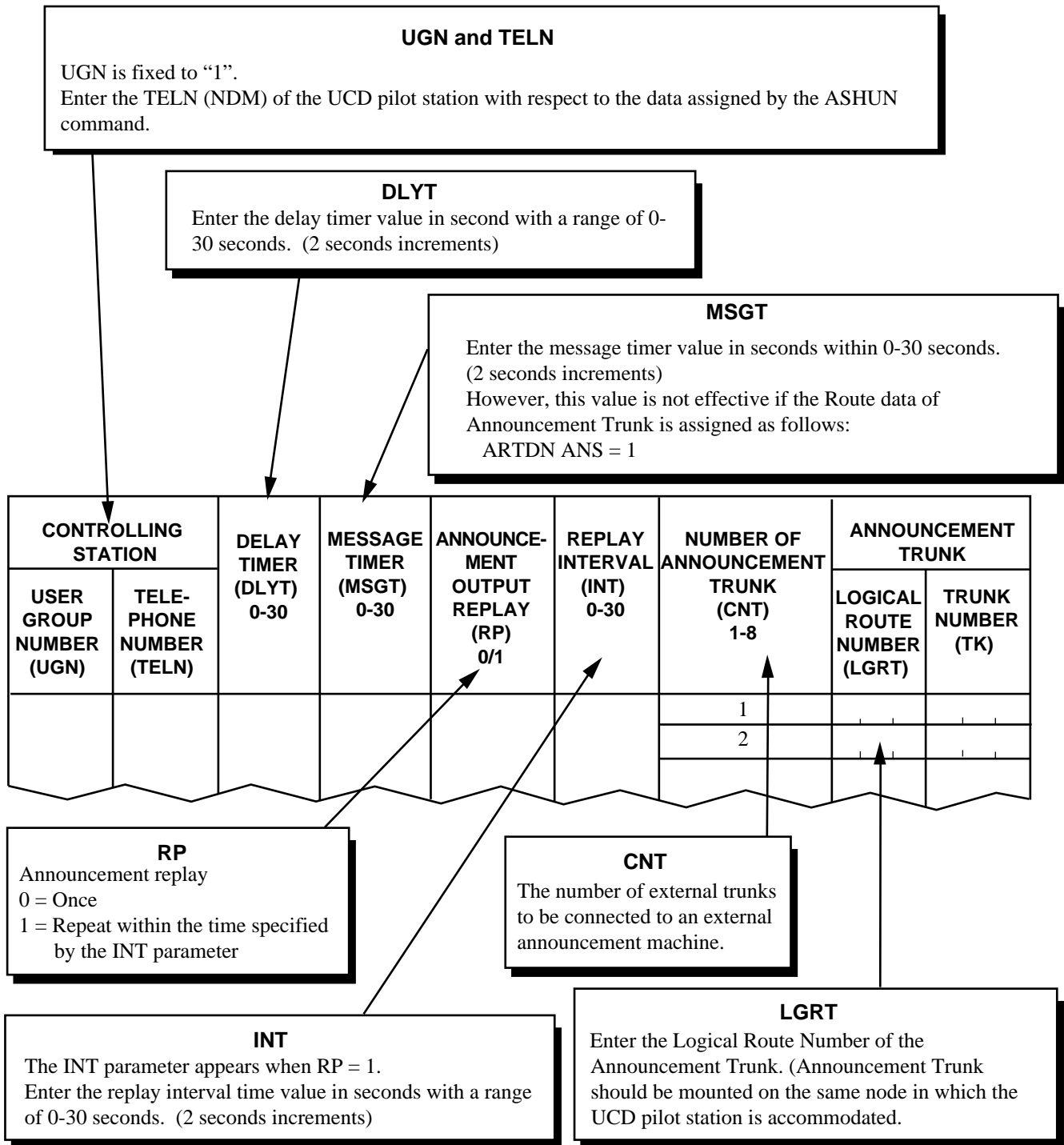
1. General

This command assigns the data related to the Delay Announcement - UCD for Fusion Service. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Assign the Telephone Number (NDM) of the UCD member station by using the ASHUN command.
2. A maximum of eight (8) external announcement machines can be assigned per a UCD group.
3. As to the designation of sharing the UCD Announcement Information (ASYDL, SYS 1, INDEX 804, bit 4 : 0/1 = per UCD group/Common), be sure to follow the notes mentioned below:
 - Common in all the UCD groups (b4 = 1 is assigned) means the UCD Announcement Information is common in each Node.
 - In case the system data (ASYDL, SYS 1, INDEX 804, bit 4) shall be modified after the UCD Announcement Information has already been assigned, first clear all the data assigned by this command (AUADN), then the new data is to be reassigned.

3. Data Entry Instructions



4. Data Sheet

CONTROLLING STATION		DELAY TIMER (DLYT) 0-30	MESSAGE TIMER (MSGT) 0-30	ANNOUNCEMENT OUTPUT REPLAY (RP) 0/1	REPLAY INTERVAL (INT) 2-30	NUMBER OF ANNOUNCEMENT TRUNK (CNT) 1-8	ANNOUNCEMENT TRUNK	
USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN)						LOGICAL ROUTE NUMBER (LGRT)	TRUNK NUMBER (TK)
						1	| | |	| | |
						2	| | |	| | |
						3	| | |	| | |
						4	| | |	| | |
						5	| | |	| | |
						6	| | |	| | |
						7	| | |	| | |
						8	| | |	| | |

ACPG: Assignment of Call Pickup Group

1. General

This command assigns call pickup group in the TN and STN.

2. Precautions

1. The maximum number of member stations within each Call Pickup Group is 100.
2. The access code of the Call Pickup Group is assigned by the ASPA command SSC, SID = 7.
3. There is no limitation in a Call Pickup Group within a system.
4. The station can be assigned to only one Call Pickup Group. An extension can be assigned to only one Call Pickup Group.
5. The phantom number assigned by the APHN command cannot be a member station of the Call Pickup Group.
6. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

STN
 Assign a station number

TENANT NUMBER (TN) 1-63		STATION NUMBER (STN)		STATION NUMBER (STN)		STATION NUMBER (STN)	
NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)
2	|_|_|_|_|	27	|_|_|_|_|	52	|_|_|_|_|	77	|_|_|_|_|
3	|_|_|_|_|	28	|_|_|_|_|	53	|_|_|_|_|	78	|_|_|_|_|

Note: Enter the Station Number to be assigned in “EDIT STN” box on the display.

ACPG : Assignment of Call Pickup Group

4. Data Sheet

TENANT NUMBER (TN)		STATION NUMBER (STN)					
NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ACPG: Assignment of Call Pickup Group for LDM

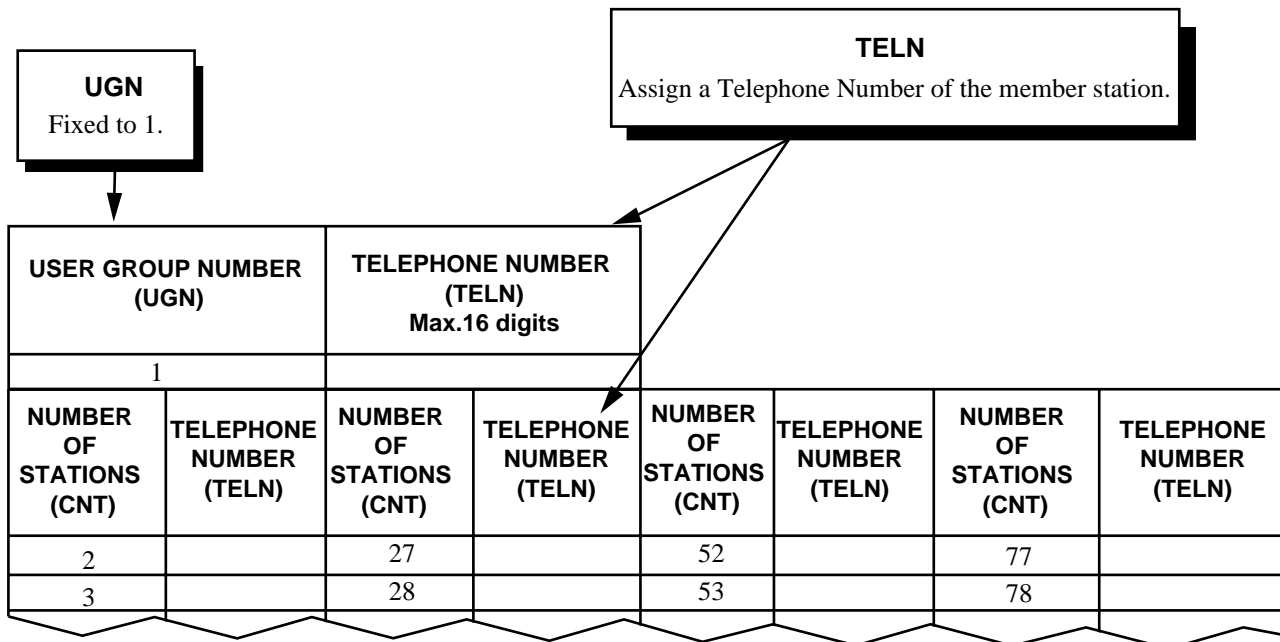
1. General

This command assigns the data related to Call Pickup Group - LDM service. With this command, Call Pickup Group service feature can be assigned by using Telephone Number.

2. Precautions

1. The maximum number of member stations within each Call Pickup Group is 100.
2. The access code of the Call Pickup Group is assigned by the ASPAL command SSC, SID=7.
3. There is no limitation on the number of Call Pickup Group within a system.
4. One station can be assigned to the member of only one Call Pickup Group.
5. Either Call Pickup Group for LDM or Call Pickup Group for NDM can be executed in a system. (Both services can't coexist in a system.)
6. The data assigned by this command is invalid in Fusion Network.

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ACPLG : Assignment of Call Pickup Group for LDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ACPGN: Assignment of Call Pickup Group for NDM

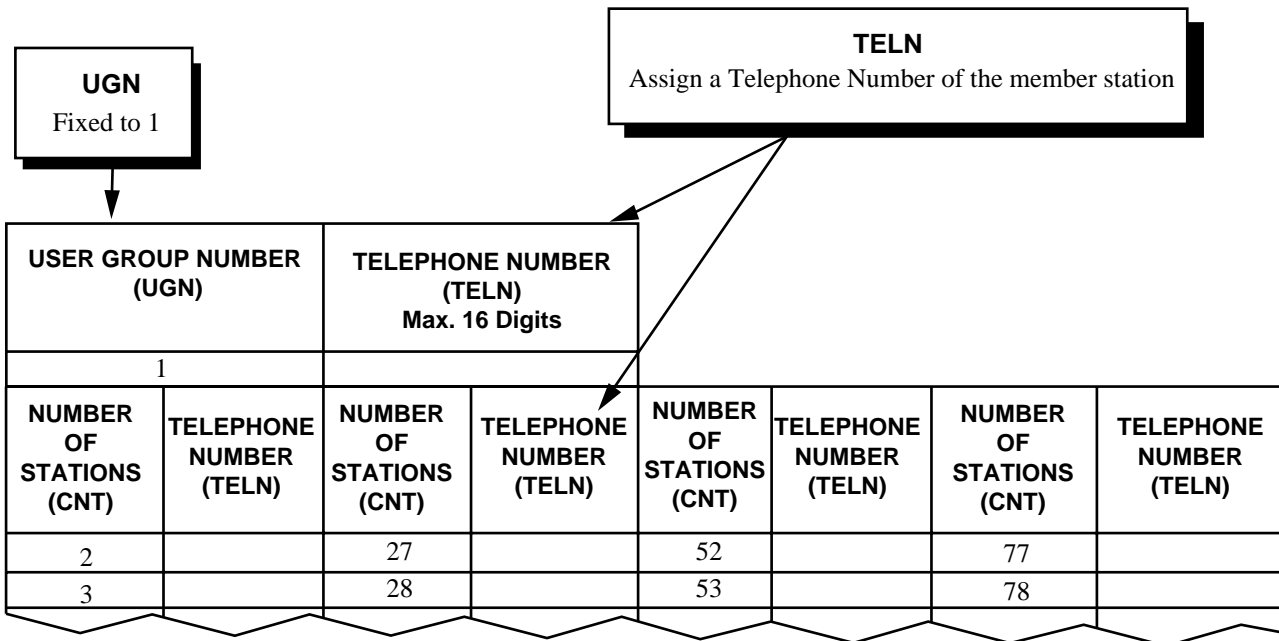
1. General

This command assigns Call Pickup Group for Fusion Service in the UGN and TELN. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The maximum number of member stations within each Call Pickup Group is 100.
2. The access code of the Call Pickup Group is assigned by the ASPAN command SSC, SID = 7.
3. There is no limitation in a Call Pickup Group within a system.
4. The station can be assigned to only one Call Pickup Group.
5. Either Call Pickup Group for LDM or Call Pickup Group for NDM can be executed in a system. (Both services cannot coexist in a system.)

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ACPGN : Assignment of Call Pickup Group for NDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ACPE: Assignment of Call Pickup Expand Group Data

1. General

This command assigns the Call Pickup Expand Group data.

2. Precautions

1. Prior to this command, assignments of station are required by the ACPG command.
2. A maximum of 100 stations can be assigned in a Call Pickup Expand Group.
3. There is no limit to the number of Call Pickup Expand Group.
4. The access code of the Call Pickup Expand Group is assigned by the ASPA command SRV = 3, SIDA = 63.
5. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

STN

A station number of Call Pickup Group member

TENANT NUMBER (TN) 1-63		STATION NUMBER (STN)					
NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)
2	|_|_|_|_|	15	|_|_|_|_|	28	|_|_|_|_|	41	|_|_|_|_|
3	|_|_|_|_|	16	|_|_|_|_|	29	|_|_|_|_|	42	|_|_|_|_|

Note: Enter the Station Number to be assigned in "EDIT STN" box on the display.

ACPE : Assignment of Call Pickup Expand Group Data

4. Data Sheet

TENANT NUMBER (TN)		STATION NUMBER (STN)					
NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)	NUMBER OF STATIONS (CNT)	STATION NUMBER (STN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ACPEL: Assignment of Call Pickup Expand Group for LDM

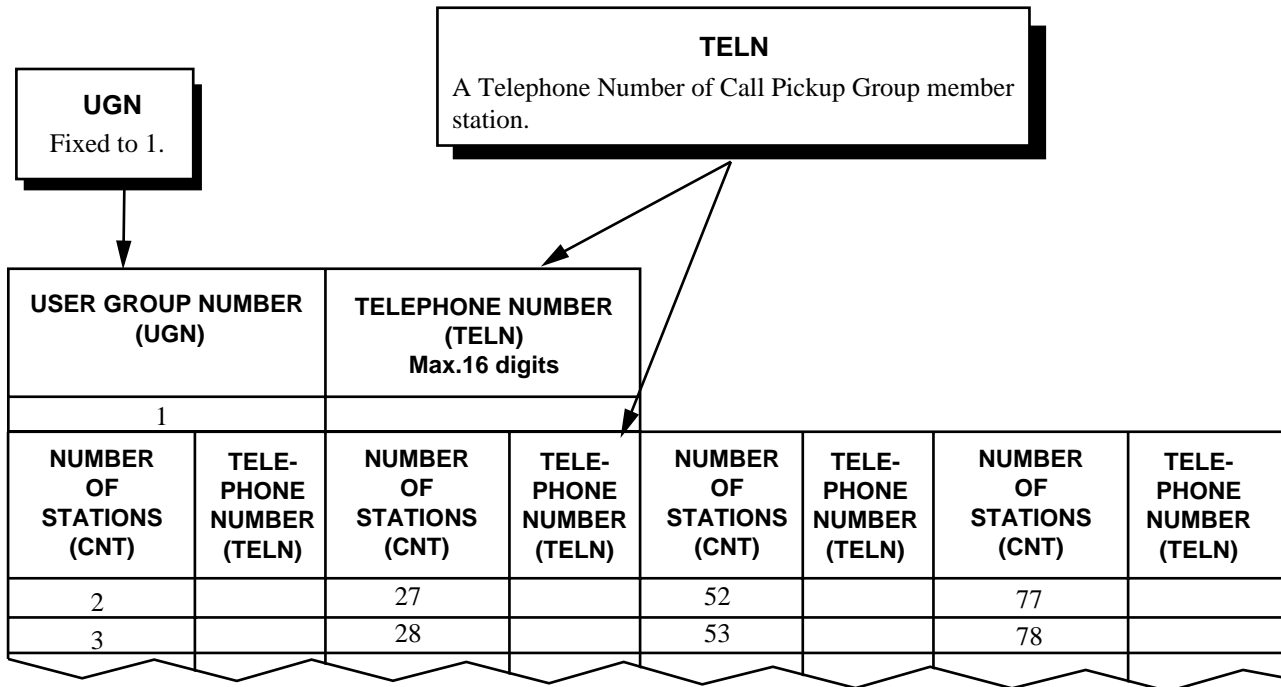
1. General

This command assigns the data related to Call Pickup Expand Group - LDM service. With this command, Call Pickup Expand Group service feature can be assigned by using Telephone Number.

2. Precautions

1. Prior to this command, assignments of station are required by the ACPGL command.
2. The maximum number of member stations within each Call Pickup Expand Group is 100.
3. There is no limitation on the number of Call Pickup Expand Group within a system.
4. One station can be assigned to the member of only one Call Pickup Group.
5. Either Call Pickup Expand Group for LDM or Call Pickup Expand Group for NDM can be executed in a system. (Both services can't coexist in a system.)
6. The data assigned by this command is invalid in Fusion Network.

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ACPEL : Assignment of Call Pickup Expand Group for LDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

ACPEN: Assignment of Call Pickup Expand Group Data for NDM

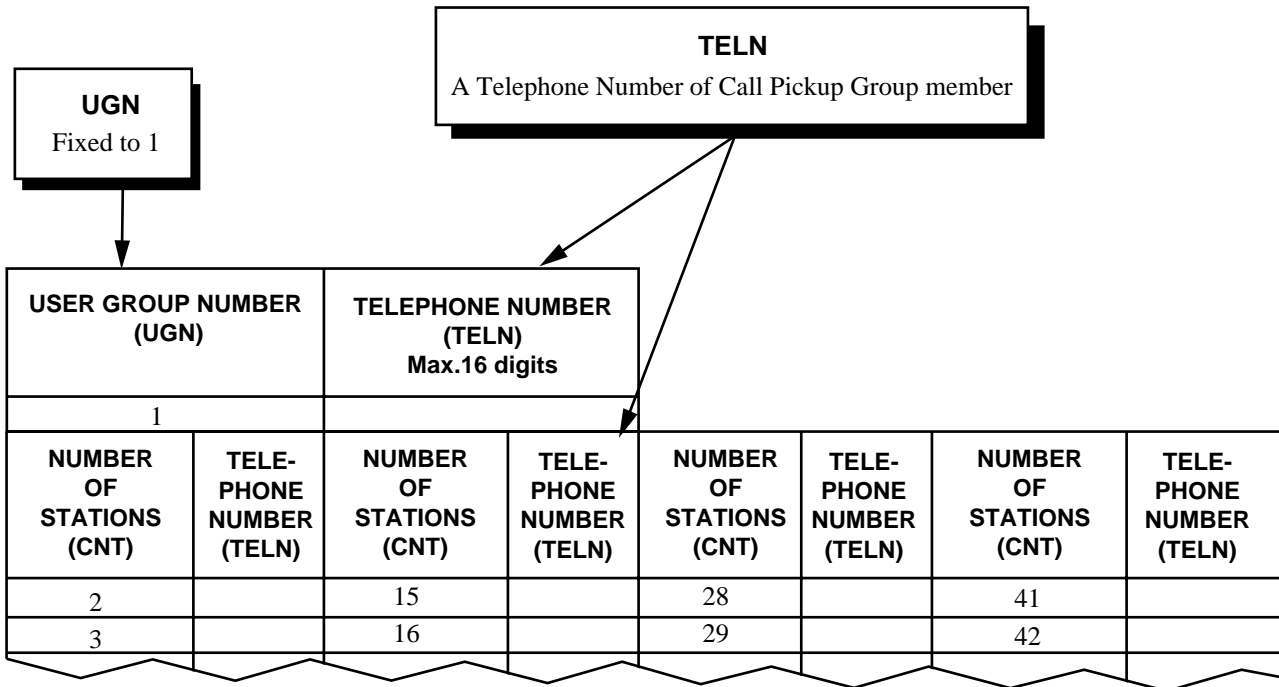
1. General

This command assigns the Call Pickup Expand Group data for Fusion Service. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Prior to this command, assignments of stations are required by the ACPGN command.
2. A maximum of 100 stations can be assigned in a Call Pickup Expand Group.
3. There is no limit to the number of Call Pickup Expand Groups.
4. The access code of the Call Pickup Expand Group is assigned by the ASPAN command SRV = SSCA, SIDA = 63.
5. Either Call Pickup Expand Group for LDM or Call Pickup Expand Group for NDM can be executed in a system. (Both services can't coexist in a system.)

3. Data Entry Instructions



Note: Enter the Telephone Number to be assigned in "EDIT TELN" box on the display.

ACPEN : Assignment of Call Pickup Expand Group Data for NDM

4. Data Sheet

USER GROUP NUMBER (UGN)		TELEPHONE NUMBER (TELN)					
NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)	NUMBER OF STATIONS (CNT)	TELEPHONE NUMBER (TELN)
2		27		52		77	
3		28		53		78	
4		29		54		79	
5		30		55		80	
6		31		56		81	
7		32		57		82	
8		33		58		83	
9		34		59		84	
10		35		60		85	
11		36		61		86	
12		37		62		87	
13		38		63		88	
14		39		64		89	
15		40		65		90	
16		41		66		91	
17		42		67		92	
18		43		68		93	
19		44		69		94	
20		45		70		95	
21		46		71		96	
22		47		72		97	
23		48		73		98	
24		49		74		99	
25		50		75		100	
26		51		76			

AISA: Assignment of Individual Calling Entry Area

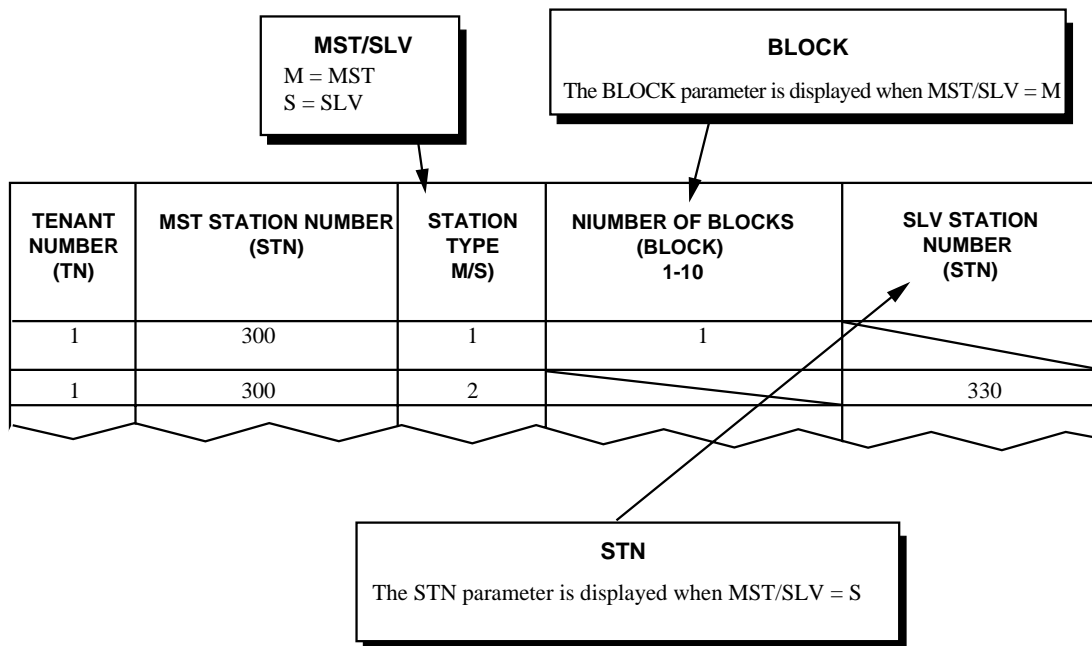
1. General

This command designates the station type (MST or SLV) and the number of memory blocks to be used for the Speed Calling Group/Station.

2. Precautions

1. One (1) Speed Calling - Station memory can be assigned a maximum of 18 digits for the long speed dial number.
2. One (1) BLOCK consists of ten (10) Speed Calling - Station memories.
3. There are one hundred (100) BLOCKs per MG.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
5. The MST station user can register the speed dial number and also originate a speed dial call.
6. The SLV station user can originate a speed dial call, but speed dial number registration is not available. The speed dial number registration is done by the MST station only.
7. The MST station and slave stations must be in the same MG.
8. The AISD command allows the maintenance person to register the speed dial number.
9. When assigning the individual speed calling entry block of the Attendant Console, use the Specific Attendant Number previously assigned in the ASAT command.

3. Data Entry Instructions



AISA_T :Assignment of Individual Speed Calling Entry Area – Telephone Number

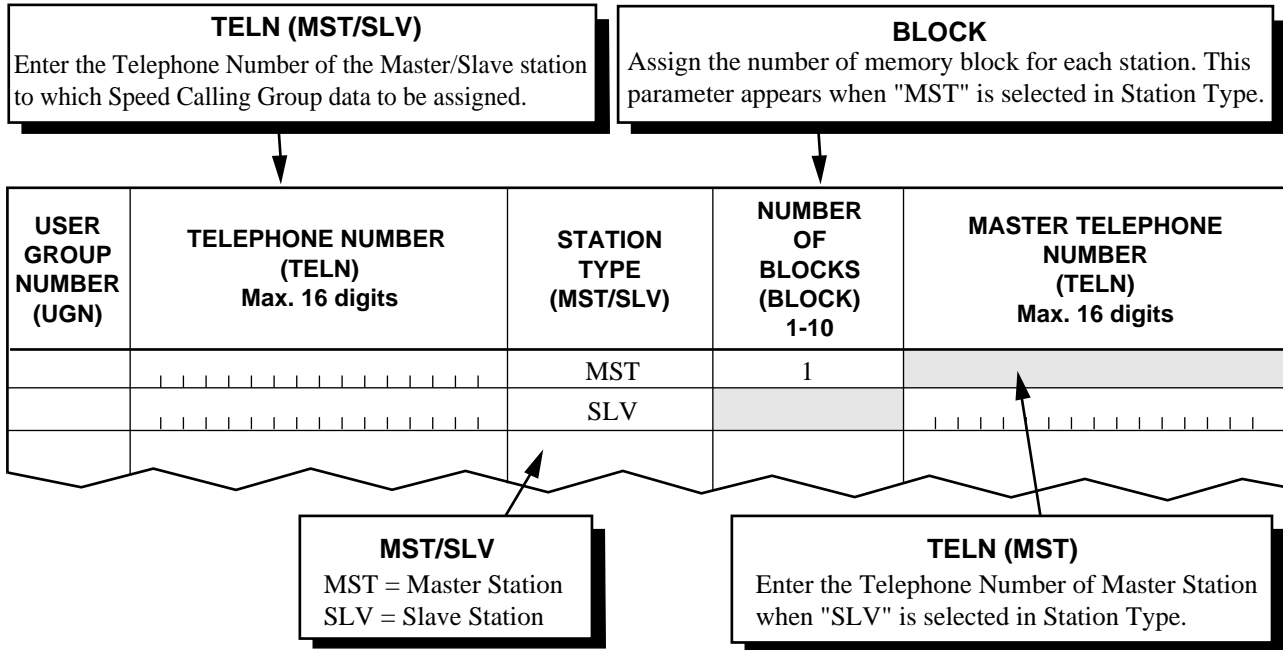
1. General

This command is used to designate the station type (MST or SLV) and the number of memory block to be used for the Speed Calling Group/Station. The station data of AISA command can be assigned by using Telephone Number instead.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. One (1) Speed Calling - Station memory can be assigned a maximum of 18 digits for the long speed dial number.
4. One (1) BLOCK consists of ten (10) Speed Calling - Station memories.
5. There are one hundred (100) BLOCKs per MG.
6. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8
7. The MST station user can register the speed dial number and also originate a speed dial call.
8. The SLV station user can originate a speed dial call, but speed dial number registration is not available. The speed dial number registration is done by the MST station only.
9. The MST station and slave stations must be in the same MG.
10. The AISD/AISD_T command allows the maintenance person to register the speed dial number.
11. Telephone Number of the Specific Attendant Console cannot be used.

3. Data Entry Instructions



Note: The existing data can be readout by pressing “Get” button after UGN and TELN data is entered.

4. Data Sheet

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	STATION TYPE (MST/SLV)	NUMBER OF BLOCKS (BLOCK) 1-10	MASTER TELEPHONE NUMBER (TELN) Max. 16 digits

AISD: Assignment of Individual Speed Calling Data

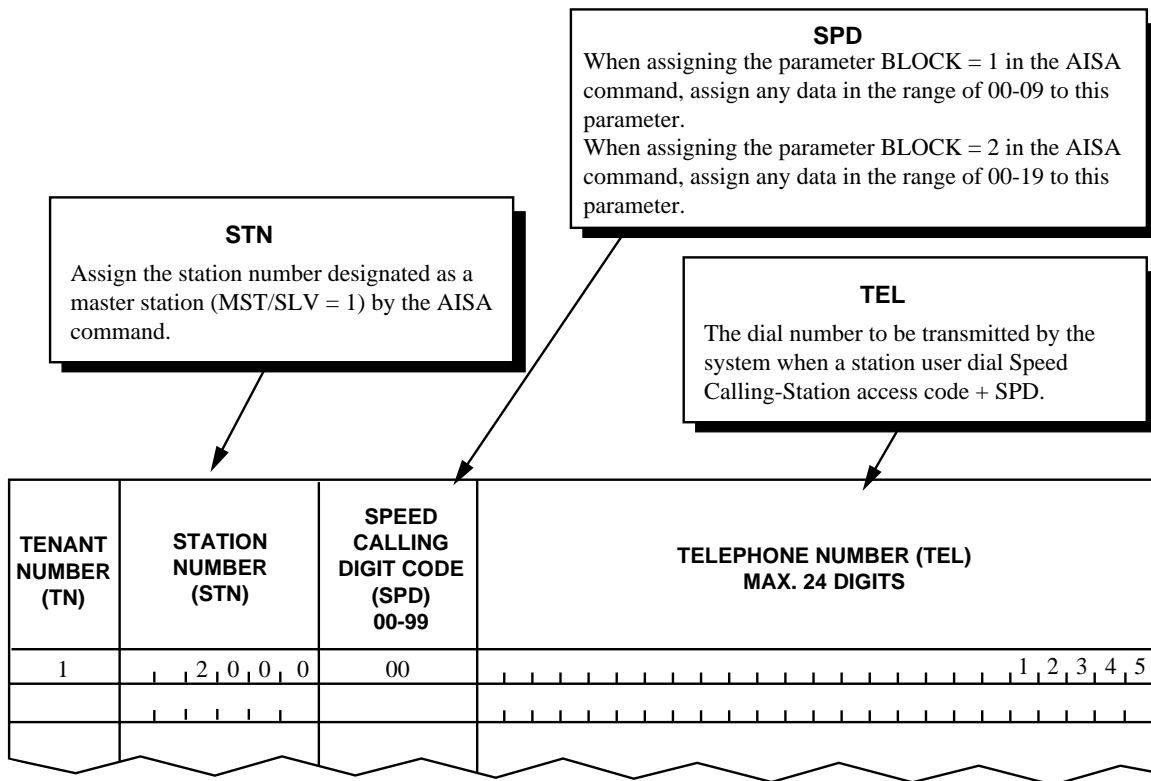
1. General

This command assigns the speed dial number (of the Speed Calling - Station service feature) for a station, instead of a station user's registration. This command also allows a maintenance person to monitor present user settings.

2. Precautions

1. The applicable tenant number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
2. The station number (STN) specified on this command should be assigned as a master station (MST) by the AISA command.
3. The data range of the SPD parameter on this command varies depending on the number of memory-blocks assigned by the AISA command. (One memory-block contains ten memories which store ten different speed dialing numbers)

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	SPEED CALLING DIGIT CODE (SPD) 00 – 99	TELEPHONE NUMBER (TEL) MAX. 18 DIGITS

AISD_T : Assignment of Individual Speed Calling Data – Telephone Number

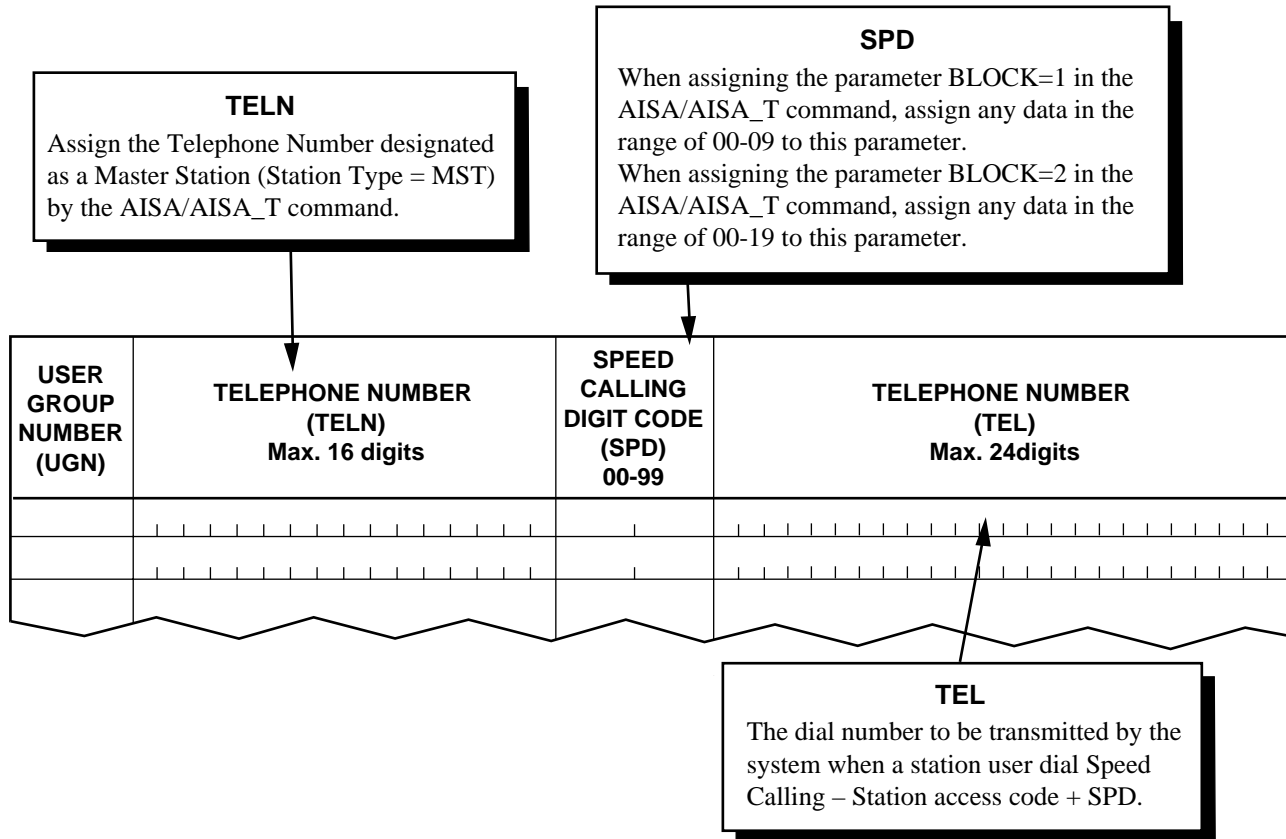
1. General

This command is used to assign the speed dial number (of the Speed Calling - Station service feature) for a station, instead of a station user's registration. The station data of AISD command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX 8.
4. The Station designated by Telephone Number on this command should be assigned as a master station (MST) by the AISA/AISA_T command beforehand.
5. The data range of the SPD parameter on this command varies depending on the number of memory-blocks assigned by the AISA/AISA_T command. (One memory-block contains ten memories which store ten different speed dialing numbers.)

3. Data Entry Instructions



Note: The existing data can be readout by pressing “Get” button after UGN and TELN data is entered.

4. Data Sheet

USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	SPEED CALLING DIGIT CODE (SPD) 00-99	TELEPHONE NUMBER (TEL) Max. 24 digits

ASGD: Assignment of Special Group Data

1. General

This command assigns the station number belonging to the special group which applies to the following service features:

Off Hook Alarm

Priority Call

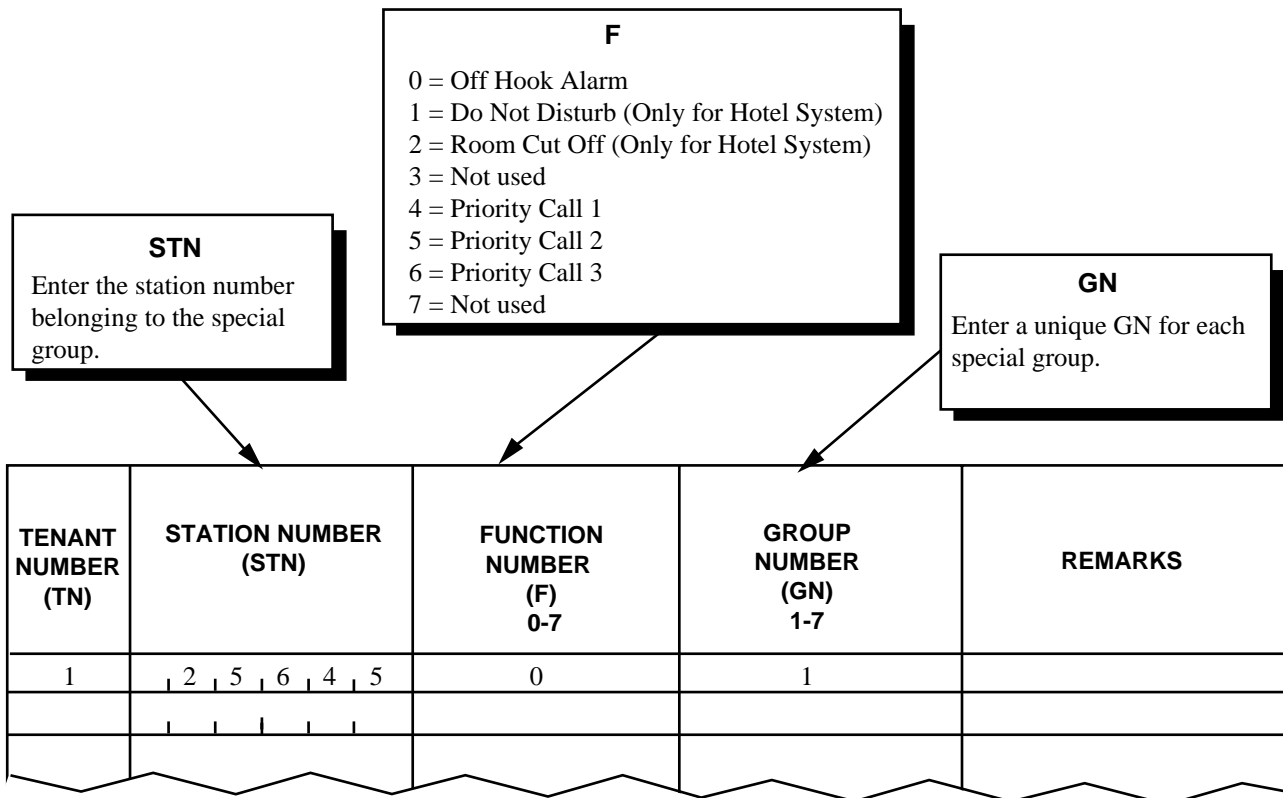
Do Not Disturb

Room Cut Off

2. Precautions

1. The call destination of the special group is designated by the ASID command.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
3. Since the GN parameter is intermediate data to the ASID command, enter a unique number for each special group.

3. Data Entry Instructions



ASGD_T : Assignment of Special Group Data – Telephone Number

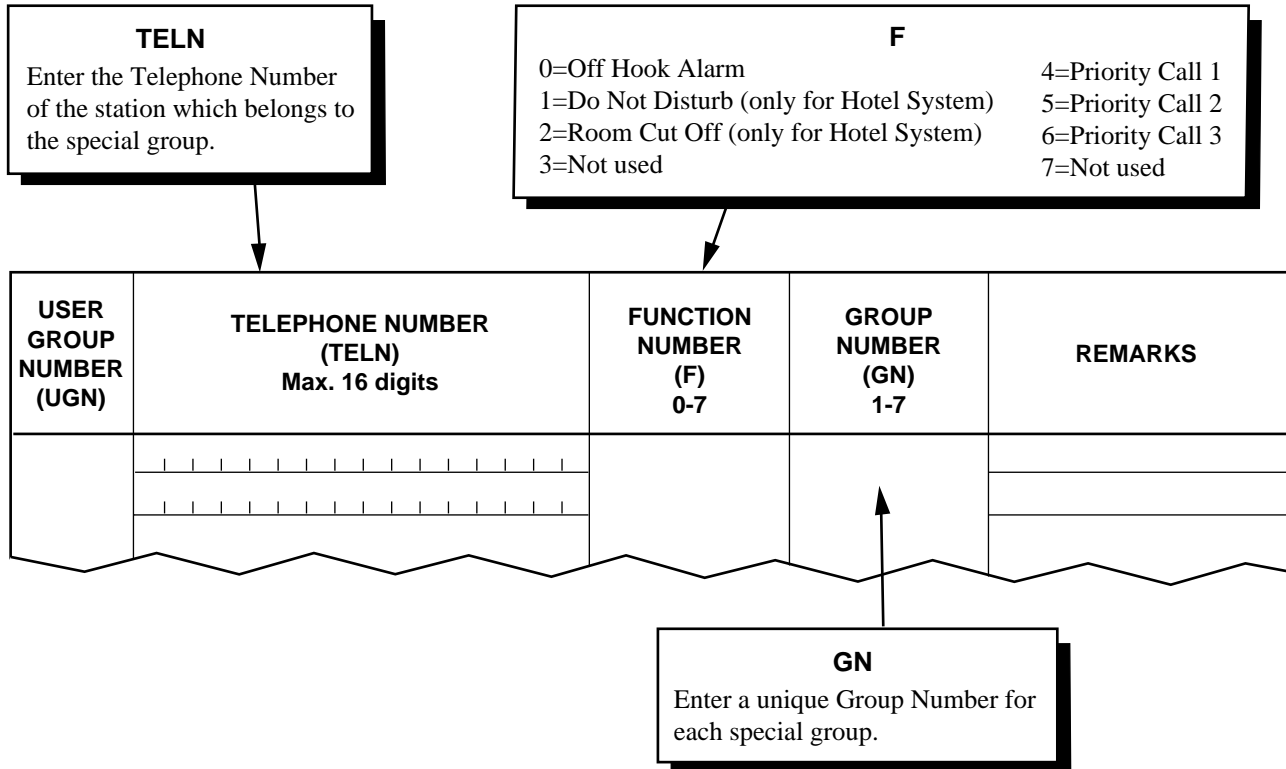
1. General

This command is used to assign the stations belong to the special group which applies to Off Hook Alarm, Priority Call, Do Not Disturb, and Room Cut Off services. The station data of ASGD can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. The call destination of the special group is designated by the ASID_T command.
4. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
5. Since the GN parameter is intermediate data to the ASID_T command, enter a unique number for each special group.

3. Data Entry Instructions



Note: The existing data can be readout by pressing “Get” button after UGN and TELN data is entered.

4. Data Sheet

TENANT NUMBER (TN)	FUNCTION NUMBER (F) 0-7	SPECIFIC TERMINATING GROUP NUMBER (GN) 1-7	USER GROUP NUMBER (UGN)	SPECIFIC TERMINATING EQUIPMENT		REMARKS
				S/A	SPECIAL TELEPHONE NUMBER (STELN) Max. 16 digits	
		1		S		
				A		
		2		S		
				A		
		3		S		
				A		
		4		S		
				A		
		5		S		
				A		
		6		S		
				A		
		7		S		
				A		
		1		S		
				A		
		2		S		
				A		
		3		S		
				A		
		4		S		
				A		
		5		S		
				A		
		6		S		
				A		
		7		S		
				A		

ASID: Assignment of Special Incoming

1. General

This command assigns the call destination of the following service features:

Off Hook Alarm

Attendant Night Transfer

Priority Call

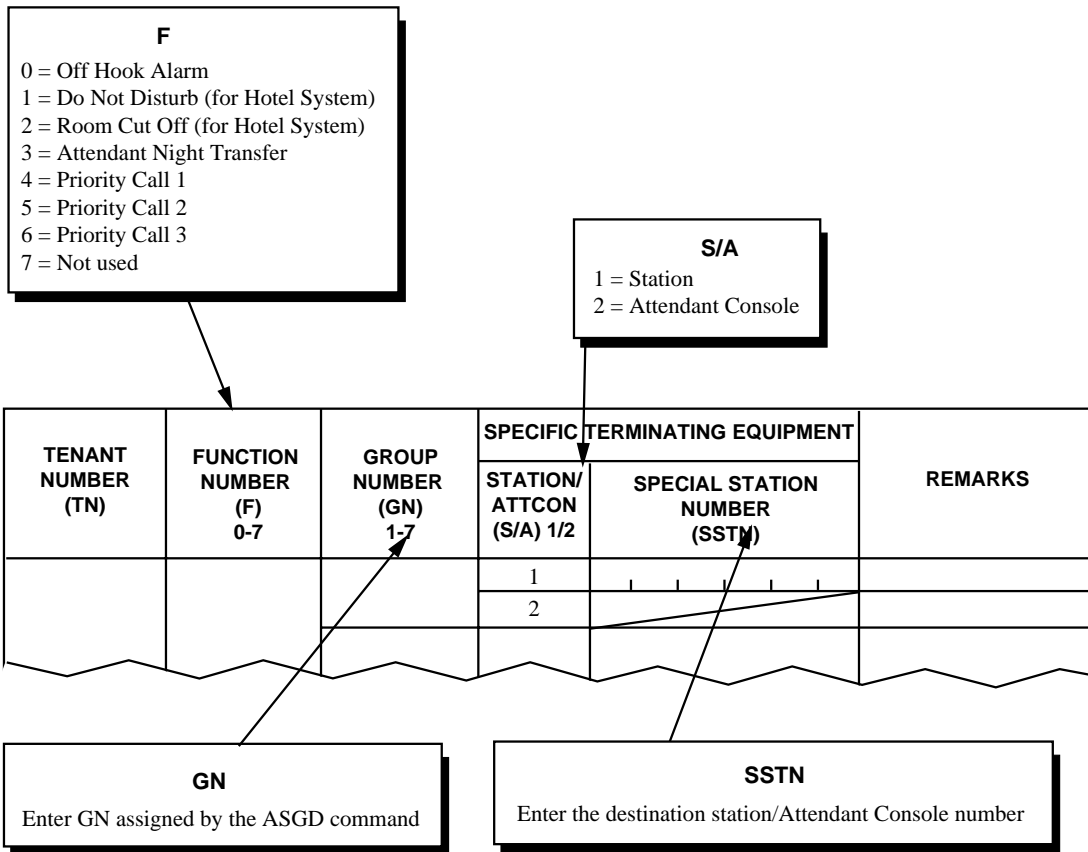
Do not Disturb

Room Cut Off

2. Precautions

1. The applicable stations to achieve the above service features are categorized as Special Group. The stations belonging to the Special Group are assigned by the ASGD command.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 94, bit7=1), assign TN parameter as data "1" for all tenants.
3. Do not enter S/A = A (Attendant Console), when F = 3 (Attendant Night Transfer) is entered.
4. The GN parameter should correspond to the one assigned by the ASGD command.

3. Data Entry Instructions



ASID : Assignment of Special Incoming

4. Data Sheet

TENANT NUMBER (TN)	FUNCTION NUMBER (F) 0-7	GROUP NUMBER (GN) 1-7	SPECIFIC TERMINATING EQUIPMENT							REMARKS	
			STATION/ ATTCON S/A	SPECIAL STATION NUMBER (SSTN)							
		1	S								
			A								
		2	S								
			A								
		3	S								
			A								
		4	S								
			A								
		5	S								
			A								
		6	S								
			A								
		7	S								
			A								
		1	S								
			A								
		2	S								
			A								
		3	S								
			A								
		4	S								
			A								
		5	S								
			A								
		6	S								
			A								
		7	S								
			A								

ASID_T : Assignment of Special Incoming – Telephone Number

1. General

This command is used to assign the destination of a call from the station which belongs to the special group, such as Off Hook Alarm, Attendant Night Transfer, Priority Call, Do Not Disturb, and Room Cut Off services. The station data of ASID can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. The applicable stations to achieve the above service features are categorized as Special Group. The stations belong to the Special Group are assigned by the ASGD/ASGD_T command.
4. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
5. Do not enter S/A=A (Attendant Console), when F=3 (Attendant Night Transfer) is entered.
6. The GN parameter should correspond to the one assigned by the ASGD/ASGD_T command.

3. Data Entry Instructions

F

0=Off Hook Alarm
 1=Do Not Disturb (only for Hotel System)
 2=Room Cut Off (only for Hotel System)
 3=Attendant Night Transfer
 4=Priority Call 1
 5=Priority Call 2
 6=Priority Call 3
 7=Not used

S/A

S: Telephone Number (of the station)
 A: Attendant Console

TENANT NUMBER (TN)	FUNCTION NUMBER (F) 0-7	SPECIFIC TERMINATING GROUP NUMBER (GN) 1-7	USER GROUP NUMBER (UGN)	SPECIFIC TERMINATING EQUIPMENT		REMARKS
				S/A	SPECIAL TELEPHONE NUMBER (STELN) Max. 16 digits	
		1		S		
		2		A		
				S		

GN

Enter the Group Number assigned by the ASGD/ASGD_T command.

STELN

Enter the Telephone Number of the destination station.

Note: The existing data can be readout by pressing “Get” button after UGN and STELN data is entered.

4. Data Sheet

TENANT NUMBER (TN)	FUNCTION NUMBER (F) 0-7	SPECIFIC TERMINATING GROUP NUMBER (GN) 1-7	USER GROUP NUMBER (UGN)	SPECIFIC TERMINATING EQUIPMENT		REMARKS
				S/A	SPECIAL TELEPHONE NUMBER (STELN) Max. 16 digits	
		1		S	_____	
				A	_____	
		2		S	_____	
				A	_____	
		3		S	_____	
				A	_____	
		4		S	_____	
				A	_____	
		5		S	_____	
				A	_____	
		6		S	_____	
				A	_____	
		7		S	_____	
				A	_____	
		1		S	_____	
				A	_____	
		2		S	_____	
				A	_____	
		3		S	_____	
				A	_____	
		4		S	_____	
				A	_____	
		5		S	_____	
				A	_____	
		6		S	_____	
				A	_____	
		7		S	_____	
				A	_____	

ATTD: Assignment of Trunk Test Data

1. General

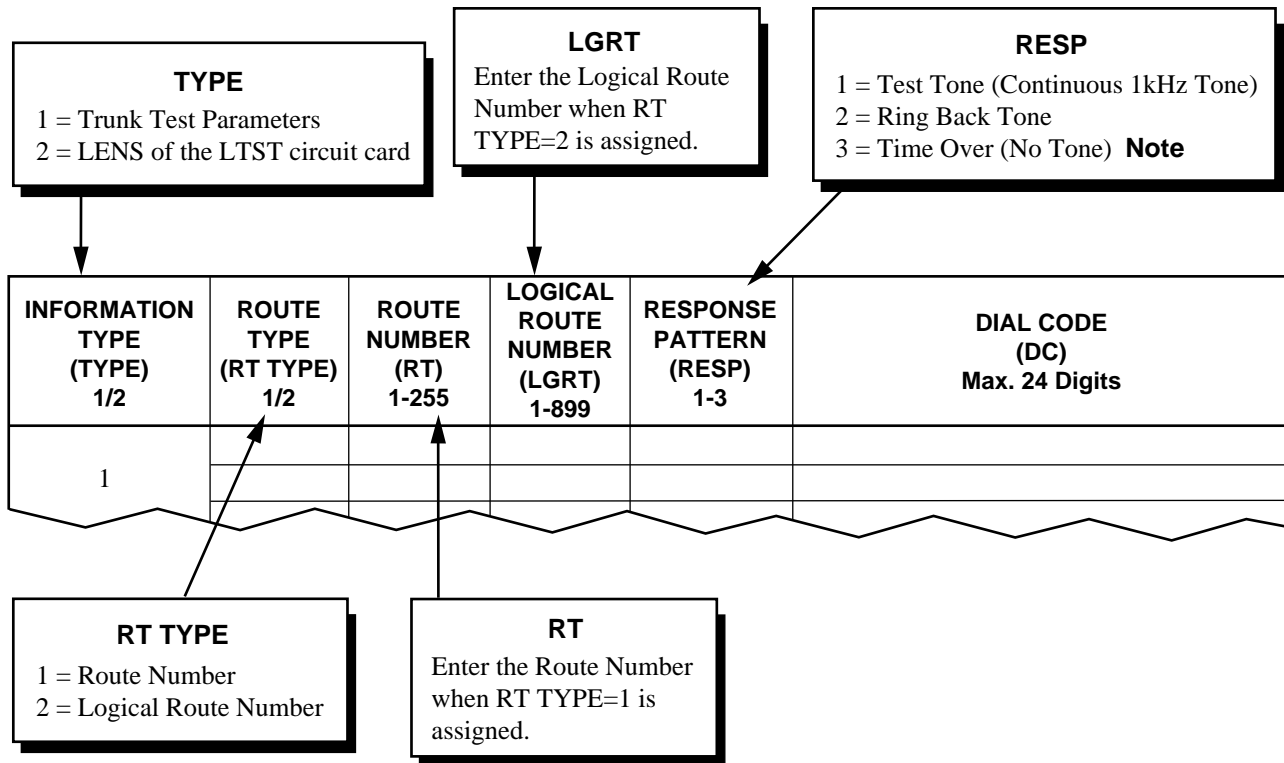
This command assigns, deletes, and displays trunk connection test data.

2. Precautions

It cannot be executed to overwrite the existing data in this command.

3. Data Entry Instructions

When TYPE=1



Note: Each trunk is automatically tested eight seconds after the previous digits have been sent out. If Test Tone (TT) or Ring Back Tone (RBT) has been acknowledged, an error is indicated.

ACFS: Assignment of Call Forwarding Station Data

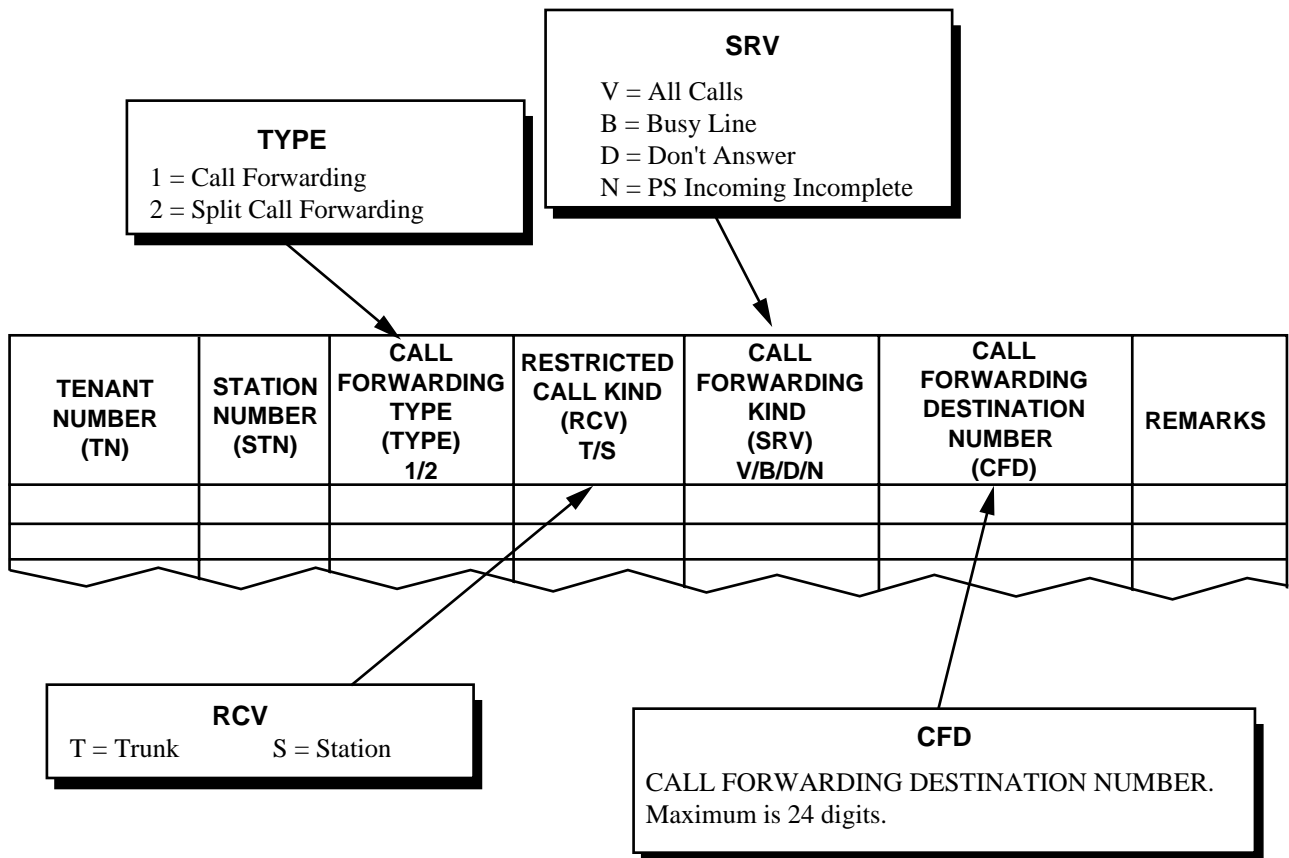
1. General

This command is used to set the Call Forwarding - All Calls/Busy Line/Don't Answer, and further the Split Call Forwarding Services.

2. Precautions

1. The applicable tenant number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
2. Parameters RCV can be assigned when ASYD, SYS1, INDEX 79, b2 = 1 (Split Call Forwarding is In Service), and data "2 (Split Call Forwarding)" is assigned at the TYPE parameter.

3. Data Entry Instructions



ACFS_T : Assignment of Call Forwarding Station Data – Telephone Number

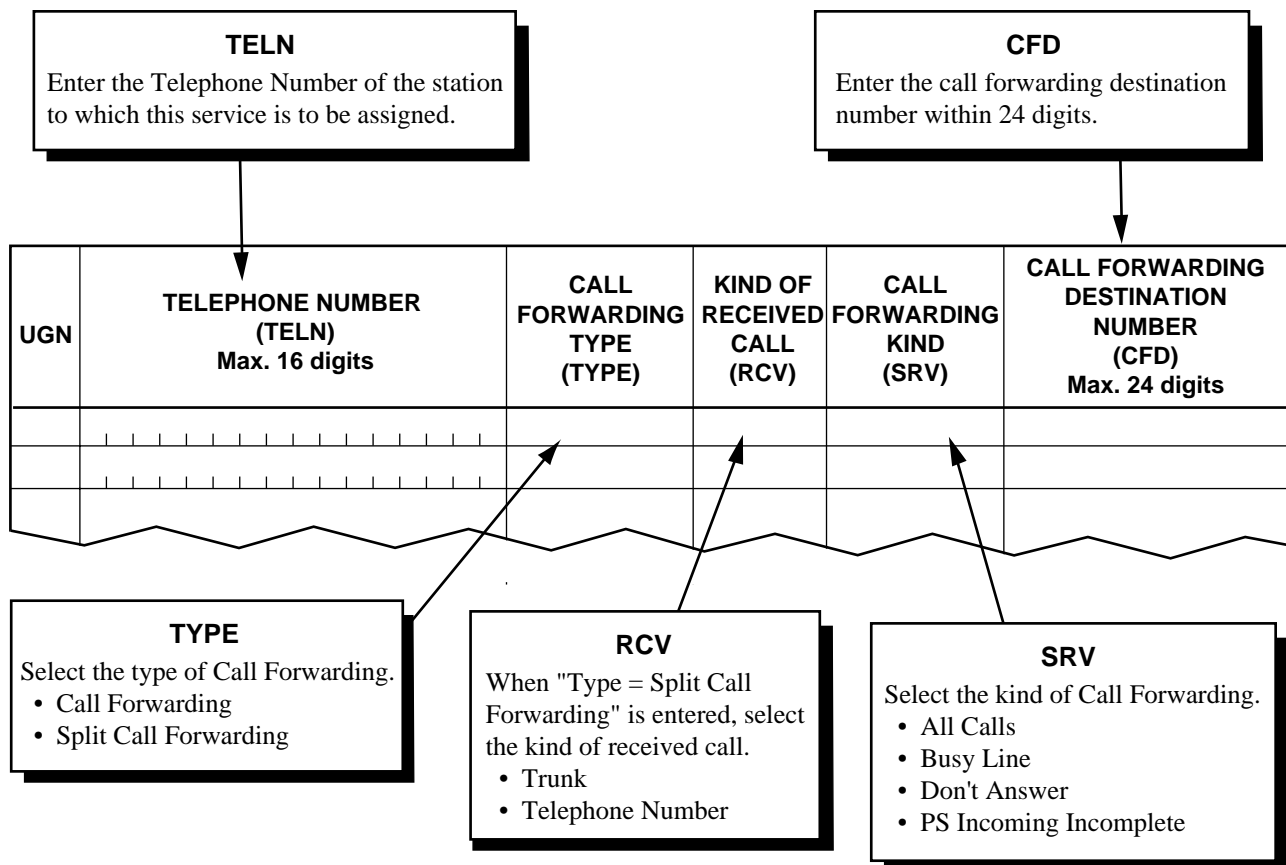
1. General

This command is used to set the Call Forwarding - All Calls/Busy Line/Don't Answer, and further the Split Call Forwarding Services for each station. The station data of ACFS command can be assigned by using Telephone Number instead.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.
4. The "RCV" parameter can be assigned when ASYD, SYS1, INDEX79, b2=1 (Split Call Forwarding is In Service), and "Split Call Forwarding" is selected in "TYPE" parameter.

3. Data Entry Instructions



Note: The existing data is readout by pressing "Get" button after UGN and TELN is entered.

ACFCL : Assignment of Call Forwarding by SFC for LDM

1. General

This command is used to readout, assign, and delete the data related to Call Forwarding features. The data is written in the Local Data Memory (LDM).

2. Precautions

- Depending on the system data setting by ASYD SYS1, INDEX5 bit0 (Access Code for C.F. – Busy and C.F. – Don't Answer is the same or separated) and INDEX79 bit2 (Split Call Forwarding is in service or not), required parameters differ in this command. See the Data Sheet on the next pages for required parameters as to each type.
- The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX8.

3. Data Entry Instructions

D/N D = Day Mode N = Night Mode			SFC Enter the Service Feature Class defined by the ASFC command. Since SFC=0 is preserved for ATTCON, a station can use the SFC in the range from 1 to 15.		
DAY/NIGHT MODE (D/N)	TENANT NUMBER (TN)	SERVICE FEATURE CLASS (SFC) 0-15	Maximum 24 digits can be assigned to the Call Forwarding destination number as to each feature.		
CALL FORWARD ALL DESTINATION (CFAD) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD BUSY DESTINATION (CFBD) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD DO NOT ANSWER DESTINATION (CFDD) MAX. 24 DIGITS [0-9, *, #]	
CALL FORWARD ALL CALLS DESTINATION FOR STATIONS (CFAS) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD BUSY DESTINATION FOR STATIONS (CFBS) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD DO NOT ANSWER DESTINATION FOR STATIONS (CFDS) MAX. 24 DIGITS [0-9, *, #]	
CALL FORWARD ALL CALLS DESTINATION FOR TRUNKS (CFAT) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD BUSY DESTINATION FOR TRUNKS (CFBT) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD DO NOT ANSWER DESTINATION FOR TRUNKS (CFDT) MAX. 24 DIGITS [0-9, *, #]	

Note: Unnecessary parameters can be skipped owing to the kind of Call Forwarding features.

4. Data Sheet

(a) TYPE = 1 (ASYD SYS1, INDEX5 bit0 = 0 and INDEX79 bit2 = 0 is assigned);

DAY/NIGHT MODE (D/N)	TENANT NUMBER (TN)	SERVICE FEATURE CLASS (SFC) 0-15	CALL FORWARD ALL DESTINATION (CFAD) MAX. 24 DIGITS [0-9, *, #]	CALL FORWARD BUSY/ DO NOT ANSWER DESTINATION (CFBD/CFDD) MAX. 24 DIGITS [0-9, *, #]

(b) TYPE = 2 (ASYD SYS1, INDEX5 bit0 = 1 and INDEX79 bit2 = 0 is assigned);

DAY/NIGHT MODE (D/N)	TENANT NUMBER (TN)	SERVICE FEATURE CLASS (SFC) 0-15			
			CALL FORWARD ALL DESTINATION (CFAD) MAX. 24 DIGITS [0-9, *, #]	CALL FORWARD BUSY DESTINATION (CFBD) MAX. 24 DIGITS [0-9, *, #]	CALL FORWARD DO NOT ANSWER DESTINATION (CFDD) MAX. 24 DIGITS [0-9, *, #]
D/N	TN	SFC			
CFAD MAX. 24 DIGITS [0-9, *, #]			CFBD MAX. 24 DIGITS [0-9, *, #]	CFDD MAX. 24 DIGITS [0-9, *, #]	
D/N	TN	SFC			
CFAD MAX. 24 DIGITS [0-9, *, #]			CFBD MAX. 24 DIGITS [0-9, *, #]	CFDD MAX. 24 DIGITS [0-9, *, #]	
D/N	TN	SFC			
CFAD MAX. 24 DIGITS [0-9, *, #]			CFBD MAX. 24 DIGITS [0-9, *, #]	CFDD MAX. 24 DIGITS [0-9, *, #]	

ACFCL : Assignment of Call Forwarding by SFC for LDM

(c) TYPE = 3 (ASYD SYS1, INDEX5 bit0 = 0 and INDEX79 bit2 = 1 is assigned);

DAY/NIGHT MODE (D/N)	TENANT NUMBER (TN)	SERVICE FEATURE CLASS (SFC) 0-15
CALL FORWARD ALL CALLS DESTINATION FOR STATIONS (CFAS) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD BUSY/DO NOT ANSWER DESTINATION FOR STATIONS (CFBS/CFDS) MAX. 24 DIGITS [0-9, *, #]
CALL FORWARD ALL CALLS DESTINATION FOR TRUNKS (CFAT) MAX. 24 DIGITS [0-9, *, #]		CALL FORWARD BUSY/DO NOT ANSWER DESTINATION FOR TRUNKS (CFBT/CFDT) MAX. 24 DIGITS [0-9, *, #]
D/N	TN	SFC
CFAS MAX. 24 DIGITS [0-9, *, #]		CFBS/CFDS MAX. 24 DIGITS [0-9, *, #]
CFAT MAX. 24 DIGITS [0-9, *, #]		CFBT/CFDT MAX. 24 DIGITS [0-9, *, #]
D/N	TN	SFC
CFAS MAX. 24 DIGITS [0-9, *, #]		CFBS/CFDS MAX. 24 DIGITS [0-9, *, #]
CFAT MAX. 24 DIGITS [0-9, *, #]		CFBT/CFDT MAX. 24 DIGITS [0-9, *, #]
D/N	TN	SFC
CFAS MAX. 24 DIGITS [0-9, *, #]		CFBS/CFDS MAX. 24 DIGITS [0-9, *, #]
CFAT MAX. 24 DIGITS [0-9, *, #]		CFBT/CFDT MAX. 24 DIGITS [0-9, *, #]
D/N	TN	SFC
CFAS MAX. 24 DIGITS [0-9, *, #]		CFBS/CFDS MAX. 24 DIGITS [0-9, *, #]
CFAT MAX. 24 DIGITS [0-9, *, #]		CFBT/CFDT MAX. 24 DIGITS [0-9, *, #]

ACFCL : Assignment of Call Forwarding by SFC for LDM

(d) TYPE = 4 (ASYD SYS1, INDEX5 bit0 = 1 and INDEX79 bit2 = 1 is assigned);

DAY/NIGHT MODE (D/N)	TENANT NUMBER (TN)	SERVICE FEATURE CLASS (SFC) 0-15						
CALL FORWARD ALL CALLS DESTINATION FOR STATIONS (CFAS) MAX. 24 DIGITS [0-9, *, #]			CALL FORWARD BUSY DESTINATION FOR STATIONS (CFBS) MAX. 24 DIGITS [0-9, *, #]			CALL FORWARD DO NOT ANSWER DESTINATION FOR STATIONS (CFDS) MAX. 24 DIGITS [0-9, *, #]		
CALL FORWARD ALL CALLS DESTINATION FOR TRUNKS (CFAT) MAX. 24 DIGITS [0-9, *, #]			CALL FORWARD BUSY DESTINATION FOR TRUNKS (CFBT) MAX. 24 DIGITS [0-9, *, #]			CALL FORWARD DO NOT ANSWER DESTINATION FOR TRUNKS (CFDT) MAX. 24 DIGITS [0-9, *, #]		
D/N	TN	SFC						
CFAS MAX. 24 DIGITS [0-9, *, #]			CFBS MAX. 24 DIGITS [0-9, *, #]			CFDS MAX. 24 DIGITS [0-9, *, #]		
CFAT MAX. 24 DIGITS [0-9, *, #]			CFBT MAX. 24 DIGITS [0-9, *, #]			CFDT MAX. 24 DIGITS [0-9, *, #]		
D/N	TN	SFC						
CFAS MAX. 24 DIGITS [0-9, *, #]			CFBS MAX. 24 DIGITS [0-9, *, #]			CFDS MAX. 24 DIGITS [0-9, *, #]		
CFAT MAX. 24 DIGITS [0-9, *, #]			CFBT MAX. 24 DIGITS [0-9, *, #]			CFDT MAX. 24 DIGITS [0-9, *, #]		
D/N	TN	SFC						
CFAS MAX. 24 DIGITS [0-9, *, #]			CFBS MAX. 24 DIGITS [0-9, *, #]			CFDS MAX. 24 DIGITS [0-9, *, #]		
CFAT MAX. 24 DIGITS [0-9, *, #]			CFBT MAX. 24 DIGITS [0-9, *, #]			CFDT MAX. 24 DIGITS [0-9, *, #]		
D/N	TN	SFC						
CFAS MAX. 24 DIGITS [0-9, *, #]			CFBS MAX. 24 DIGITS [0-9, *, #]			CFDS MAX. 24 DIGITS [0-9, *, #]		
CFAT MAX. 24 DIGITS [0-9, *, #]			CFBT MAX. 24 DIGITS [0-9, *, #]			CFDT MAX. 24 DIGITS [0-9, *, #]		

ASLU1: Assignment of Slumber Time Data 1

1. General

This command assigns the data related to the Slumber Time - Do Not Disturb service feature.

2. Precautions

1. The call terminating to the slumber group is forwarded to an Attendant Console or an Announcement trunk (DAT circuit card) with a predetermined slumber time.
2. The station numbers belonging to the slumber group are assigned by the ASLU1 command.
3. The slumber time period and the forwarded destination are assigned by the ASLU2 command.
4. The G parameter on this command is intermediate data to assign the ASLU2 command.
5. Denial of the Slumber Time - Do Not Disturb service feature can be assigned by the following commands:
 - (a) ARTD command, SLOV = 1 is assigned for trunk route
 - or
 - (b) ASFC command SFI = 107, RES = 1 is assigned for the class of the originating station

3. Data Entry Instructions

G
Enter data in the G parameter. Multiple numbers of STN can be assigned to a slumber group number.

TENANT NUMBER (TN)	STATION NUMBER (STN)	SLUMBER GROUP NUMBER (G) 1-7	REMARKS

STN
Enter the station number of the slumber group.

4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	SLUMBER GROUP NUMBER (G) 1 - 7	REMARKS

ASLU1_T : Assignment of Slumber Time Data 1 – Telephone Number

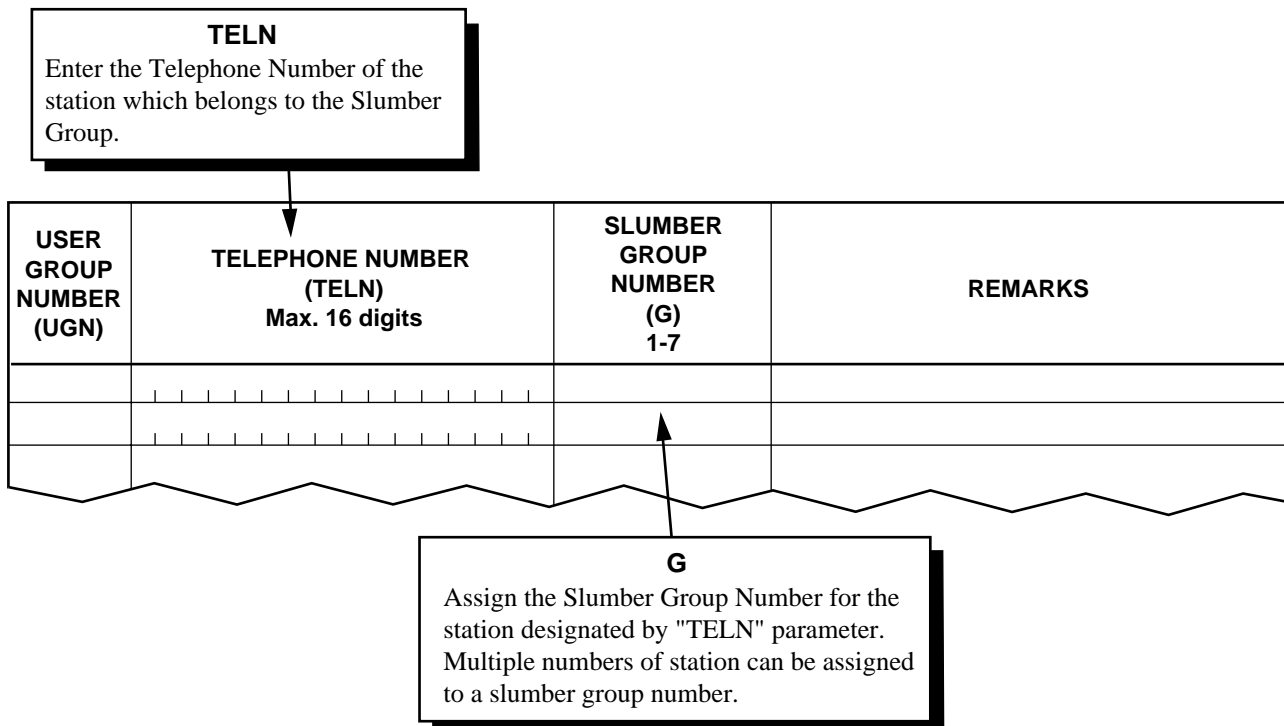
1. General

This command is used to assign the data related to the Slumber Time - Do Not Disturb service feature. The station data of ASLU1 command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. The call terminated to the slumber group is forwarded to an Attendant Console or an Announcement trunk (DAT circuit card) with a predetermined slumber time.
4. The Telephone Number of the station belongs to the slumber group is assigned by this command.
5. The slumber time period and the forwarded destination are assigned by the ASLU2 command.
6. The "G" parameter on this command is intermediate data to assign the ASLU2 command.
7. Denial of the Slumber Time - Do Not Disturb service feature can be assigned by either of the following commands:
 - (a) ARTD command, SLOV=1 is assigned for trunk route
 - (b) ASFC command, SFI=107, RES=1 is assigned for the class of the originating station

3. Data Entry Instructions



Note: The existing data can be readout by pressing "Get" button after UGN and TELN data is entered.

ASLU2: Assignment of Slumber Time Data 2

1. General

This command assigns the data related to the Slumber Time - Do Not Disturb service feature.

2. Precautions

1. The slumber time period and the forwarded destination are assigned by this command. A maximum of four (4) different time periods can be assigned as the Slumber Time.
2. The G parameter corresponds to the one assigned by the ASLU1 command. The station numbers belonging to the slumber group are assigned by the ASLU1 command.
3. Denial of the Slumber Time - Do Not Disturb service feature can be assigned by the following commands:
 - (a) ARTD command, SLOV = 1 is assigned for trunk route
 - or
 - (b) ASFC command SFI = 107, RES = 1 is assigned for the class of the originating station.
4. The AAED command should also be assigned if TFR = 2 (DAT card) is assigned.
5. Time data should be assigned as 24 hours a day (military time).
6. When making multiple time data assignments for a specific Slumber Time Group, the time data assigned must not be duplicated.
7. If the slumber service is required 24 hours a day, enter the same time data into the both parameters, FROM HOUR/FROM MINUTE and TO HOUR/TO MINUTE.

3. Data Entry Instructions

G
Enter the number assigned by the ASLU1 command.

SLUMBER TIME
Enter the time period for restricting the incoming call.

SLUMBER TIME GROUP NUMBER (G) 1-7	CNT 1-4	TRANSFER KIND (TFR) 1/2	SLUMBER TIME START TIME		SLUMBER TIME END TIME	
			FROM HOUR	FROM MINUTE	TO HOUR	TO MINUTE

TFR
1 = Attendant
2 = Announcement

4. Data Sheet

SLUMBER TIME GROUP NUMBER (G) 1-7	CNT 1-4	TRANSFER KIND (TFR) 1/2	SLUMBER TIME START TIME		SLUMBER TIME END TIME		REMARKS
			FROM HOUR	FROM MINUTE	TO HOUR	TO MINUTE	
	1						
	2						
	3						
	4						
	1						
	2						
	3						
	4						
	1						
	2						
	3						
	4						
	1						
	2						
	3						
	4						
	1						
	2						
	3						
	4						
	1						
	2						
	3						
	4						

ACSA: Assignment of Connection Service Index A

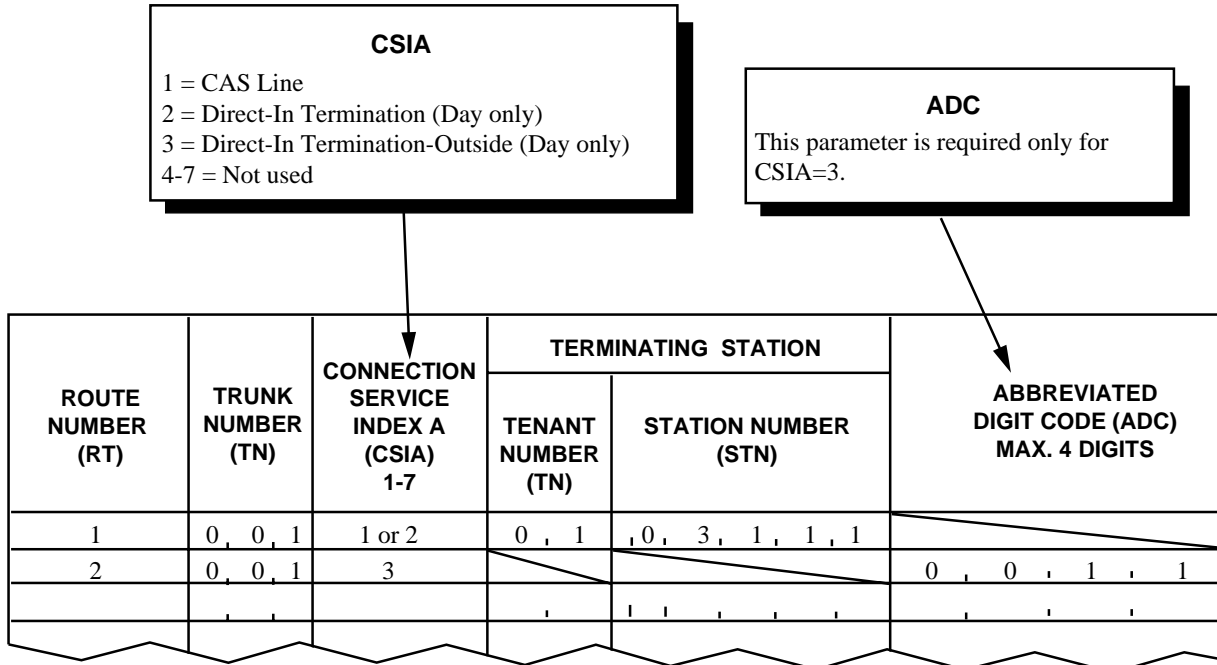
1. General

This command assigns the call termination for CAS Line and Direct-in Termination (Day Only).

2. Precautions

1. The ACFR command assignment is also required to assign the trunk incoming call termination service feature.
2. CAS data at the Satellite Station
 - (a) It is necessary to set the Telephone Class (TEC) of the CAS Line to “15” in the ASDT command.
 - (b) A ring-down incoming call from a C.O. line is terminated to the CAS Line.
3. When assigning CSIA=3 (Direct-in Termination-outside (Day Only)), the ADC should be assigned by the ASPD command.
4. Use the ACSI command instead of this command if Direct-in Termination (Day and Night Mode) or Direct-in Termination (Night Mode) is required.
5. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions



4. Data Sheet

ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	CONNECTION SERVICE INDEX A (CSIA) 1 - 7	TERMINATING STATION		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS
			TENANT NUMBER (TN)	STATION NUMBER (STN) MAX. 6 DIGITS	

ACSAL: Assignment of Connection Service Index A for LDM

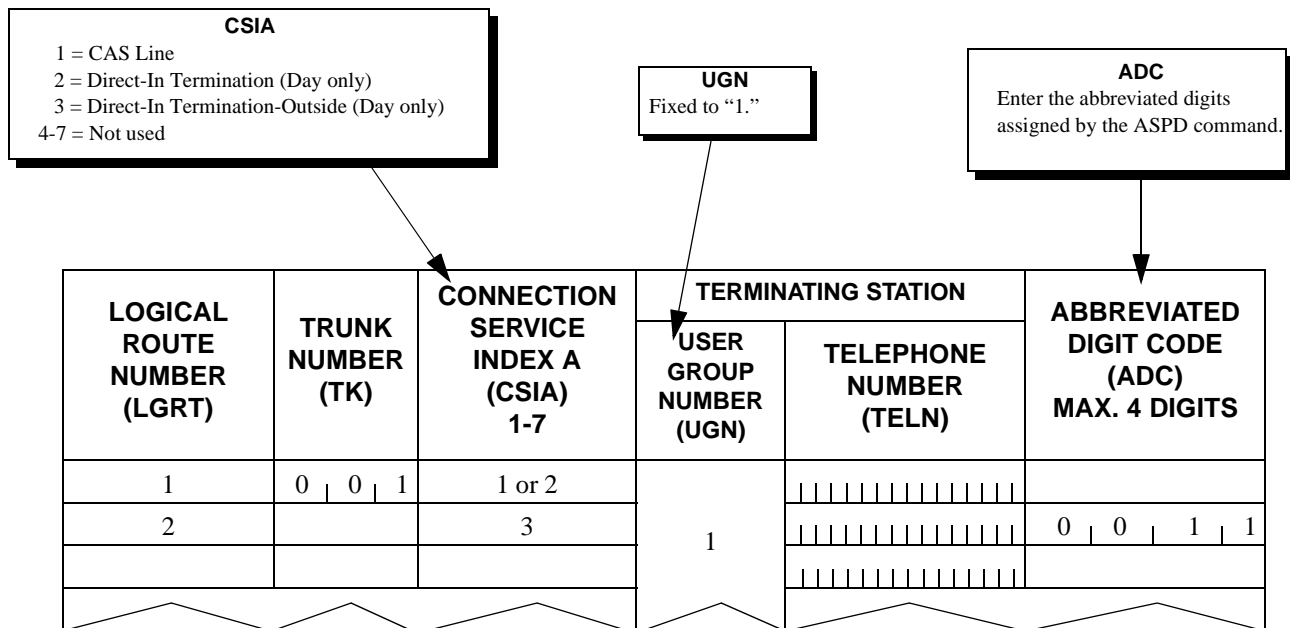
1. General

This command assigns the call termination for CAS Line and Direct-in Termination (Day Only) for the Local Node (LN) in Fusion network.

2. Precautions

1. The ACFR command assignment is also required to assign the trunk incoming call termination service feature.
2. CAS data at the Satellite Station
 - (a) It is necessary to set the TEC (Telephone Class) of the CAS Line to “15” in the ASDT command.
 - (b) A ring-down incoming call from a C.O line is terminated to the CAS Line.
3. When assigning CSIA = 3 (Direct-in Termination-outside (Day Only)), the ADC should be assigned by the ASPD command.
4. Use the ACSIL command instead of this command if Direct-in Termination (Day and Night Mode) or Direct-in Termination (Night Mode) is required.

3. Data Entry Instructions



4. Data Sheet

LOGICAL ROUTE NUMBER (LGRT)	TRUNK NUMBER (TK)	CONNECTION SERVICE INDEX A (CSIA) 1-7	TERMINATING STATION		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS
			USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) MAX. 16 DIGITS	
			1		

ACSI: Assignment of Connection Service Index Data

1. General

This command assigns the call termination for Direct-in Termination (Day and Night), Night Connection and Remote Access to System.

2. Precautions

1. The ACFR command assignment is also required to assign the trunk incoming call termination service feature.
2. When setting the CSI to “6” (Night Connection-Outside) or “7” (Direct-in Termination-Outside) using this command, the ADC must be set by the ASPD command.
3. Use the ACSA command instead of this command if Direct-in Termination (Day mode only) is required.
4. When the “PFT control by the external key” is required, the following data assignments are needed:
 - (a) AUNT command, TYPE=2 (PFT)
 - (b) AEKD command
 - (c) ANCD command
 - (d) ACSI command, CSI=4 (Direct-in Termination (Night Mode))
5. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. Enter the TN in which this command effects.

3. Data Entry Instructions

CSIA

1 = Not used
 2 = Not used
 3 = Direct-In Termination (Day and Night Mode)
 4 = Direct-In Termination (Night Mode)
 5 = Remote Access to PBX
 6 = Night Connection - Outside
 7 = Direct-In Termination - Outside (Day and Night Mode)

ROUTE NUMBER (RT)	TRUNK NUMBER (TN)	CONNECTION SERVICE INDEX (CSI) 1-7	TERMINATING STATION		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS
			TENANT NUMBER (TN)	STATION NUMBER (STN)	
6	0, 0, 1	3 or 4	0, 1	, 3, 1, 1, 3	
2	0, 0, 1	5			
2	0, 0, 1	6 or 7			0, 0, 1, 1

ADC

The dialed number corresponds to the ADC and is assigned by the ASPD command.

4. Data Sheet

ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	CONNECTION SERVICE INDEX (CSI) 1-7	TERMINATING STATION		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS
			TENANT NUMBER (TN)	STATION NUMBER (STN)	

ACSIL: Assignment of Connection Service Index Data for LDM

1. General

This command assigns the call termination for Direct-in Termination (Day and Night), Night Connection and Remote Access to System for the Local Node (LN) in Fusion network.

2. Precautions

1. The ACFR command assignment is also required to assign the trunk incoming call termination service feature.
2. When setting the CSI to “6” (Night Connection-Outside) or “7” (Direct-in Termination-Outside) using this command, the ADC must be set by the ASPD command.
3. Use the ACSAL command instead of this command if Direct-in Termination (Day mode only) is required.
4. When the “PFT control by the external key” is required, the following data assignments are needed:
 - (a) AUNT command, TYPE = 2 (PFT)
 - (b) AEKD command
 - (c) ANCD command
 - (d) ACSIL command, CSI = 4 (Direct-in Termination (Night Mode))

3. Data Entry Instructions

CSI

1 = Not used
 2 = Not used
 3 = Direct-In Termination (Day and Night Mode)
 4 = Direct-In Termination (Night Mode)
 5 = Remote Access to PBX
 6 = Night Connection-Outside
 7 = Direct-In Termination-Outside (Day and Night Mode)

NND

Enter the number of digit of the station applying to the first digit.

LOGICAL ROUTE NUMBER (LGRT)	TRUNK NUMBER (TK)	CONNECTION SERVICE INDEX (CSI) 1-7	TERMINATING STATION		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS	NUMBER OF NECESSARY DIGIT (NND)
			USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN)		
6	0, 0, 1	3 or 4	0, 1	3, 1, 1, 3		
2	0, 0, 1	5				
2	0, 0, 1	6 or 7			0, 0, 1, 1	

ADC

The dialed number corresponds to the ADC assigned by the ASPD command.

ANCD: Assignment of Night Connection Data

1. General

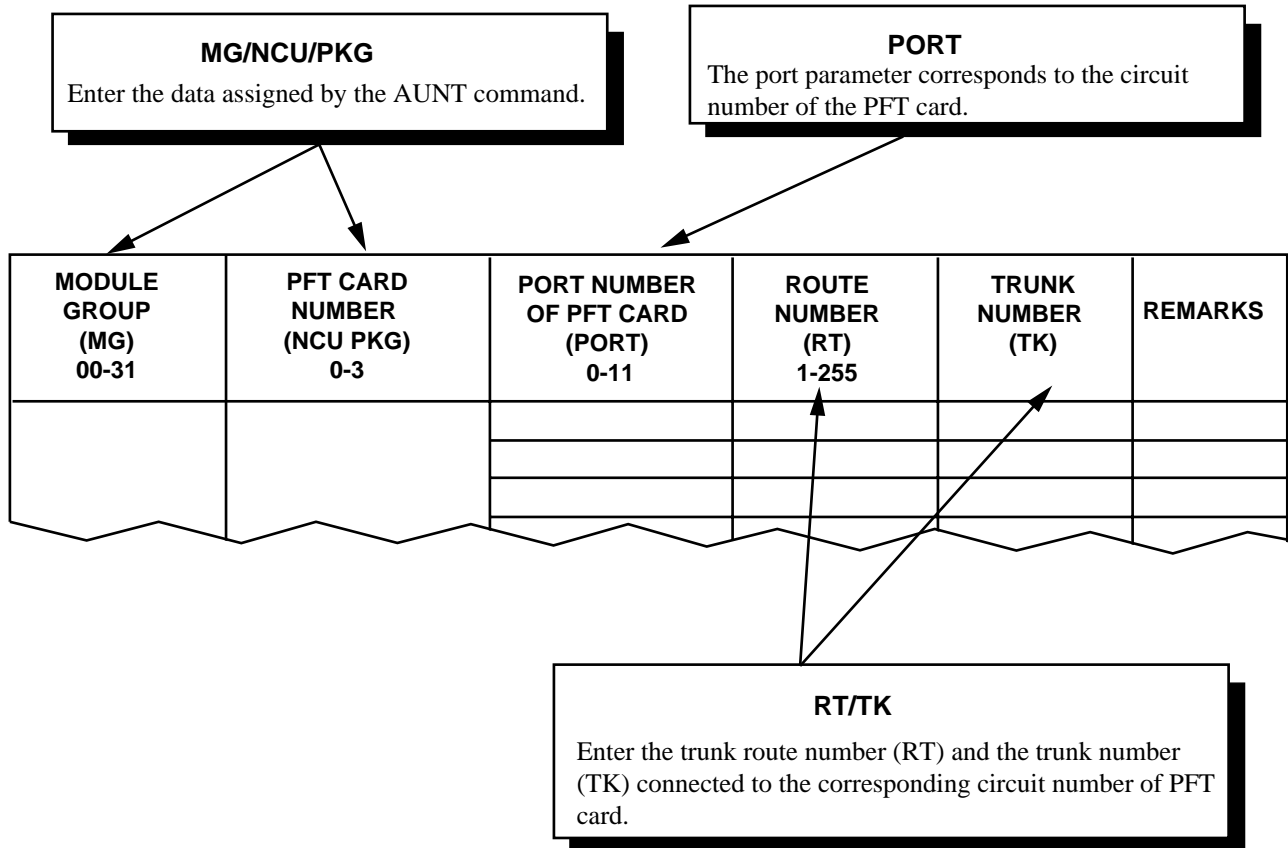
This command is used when the Power Failure Transfer (PFT) circuit card is controlled by the external key.

2. Precautions

1. When the “PFT control by the external key” is required, the following data assignments are needed:

- (a) AUNT command, TYPE = 2 (PFT)
- (b) AEKD command
- (c) ANCD command
- (d) ACSI command, CSI = 4 (Direct-in Termination (Night Mode))

3. Data Entry Instructions



4. Data Sheet

MODULE GROUP NUMBER (MG) 00 - 31	PFT CARD NUMBER (NCU PKG) 0 - 3	PORT NUMBER OF PFT CARD (PORT) 0 - 11	ROUTE NUMBER (RT) 1-255	TRUNK NUMBER (TK)	REMARKS
		0			
		1			
		2			
		3			
		4			
		5			
		6			
		7			
		8			
		9			
		10			
		11			
		0			
		1			
		2			
		3			
		4			
		5			
		6			
		7			
		8			
		9			
		10			
		11			

ANCD_LR: Assignment of Night Connection Data – Logical Route Number

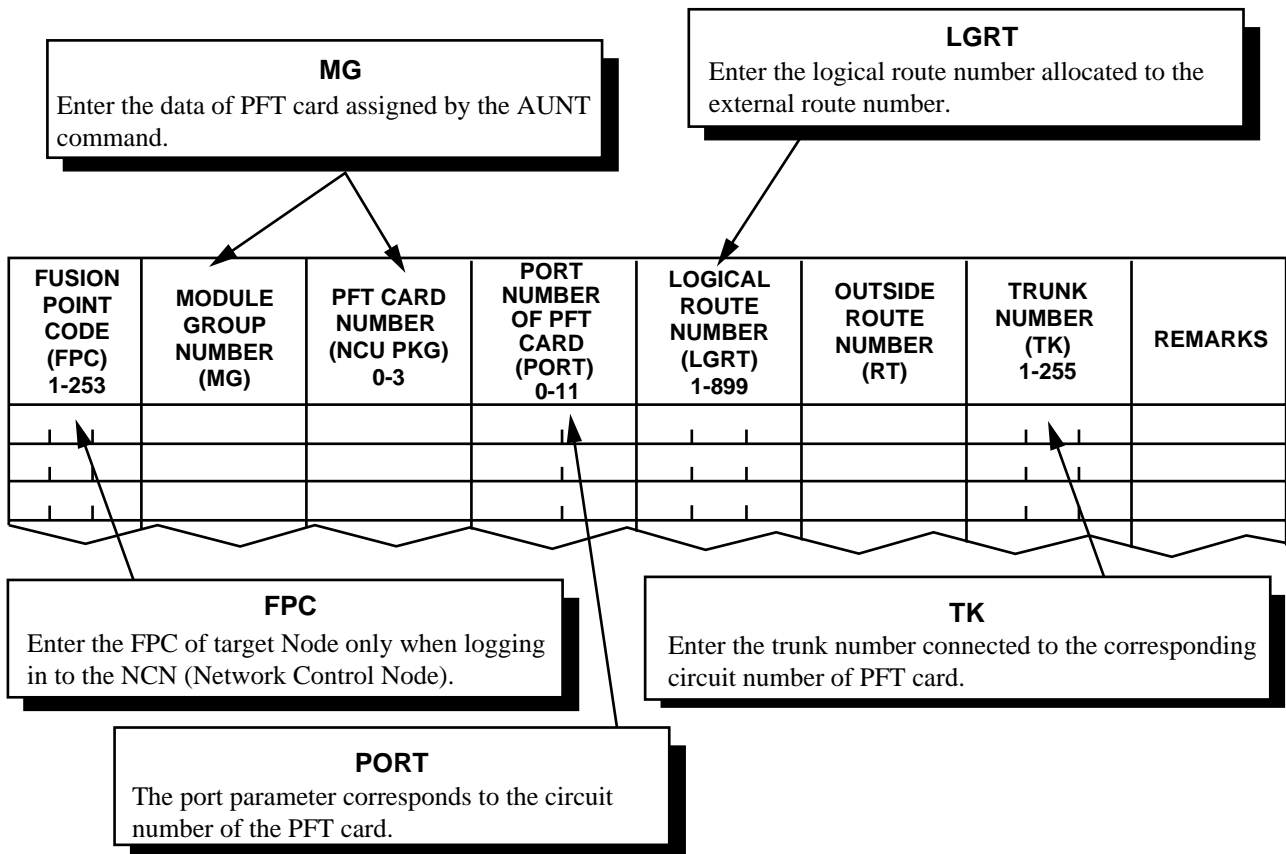
1. General

This command is used when the Power Failure Transfer (PFT) circuit card is controlled by the external key. Route data of the ANCD command can be assigned by logical route number.

2. Precautions

1. Prior to this command, logical route data must be allocated by using the ALRTN command.
2. Only when logging in to the NCN (Network Control Node), this command can be used to assign the logical route data of self-Node and the other Nodes in the Fusion Network. If logging in to a LN (Local Node), data setting only for the self-node is available. (Error message is indicated if you try to write the data of other Node.)
3. When the “PFT control by the external key” is required, the following data assignments are needed:
 - (a) AUNT command, TYPE = 2 (PFT)
 - (b) AEKD command
 - (c) ANCD/ANCD_LR command
 - (d) ACSI command, CSI = 4 (Direct-in Termination (Night Mode))

3. Data Entry Instructions



4. Data Sheet

FUSION POINT CODE (FPC) 1-253	MODULE GROUP NUMBER (MG)	PFT CARD NUMBER (NCU PKG) 0 - 3	PORT NUMBER OF PFT CARD (PORT) 0 - 11	LOGICAL ROUTE NUMBER (LGRT) 1-899	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	REMARKS

ATAS: Assignment TAS Service Data

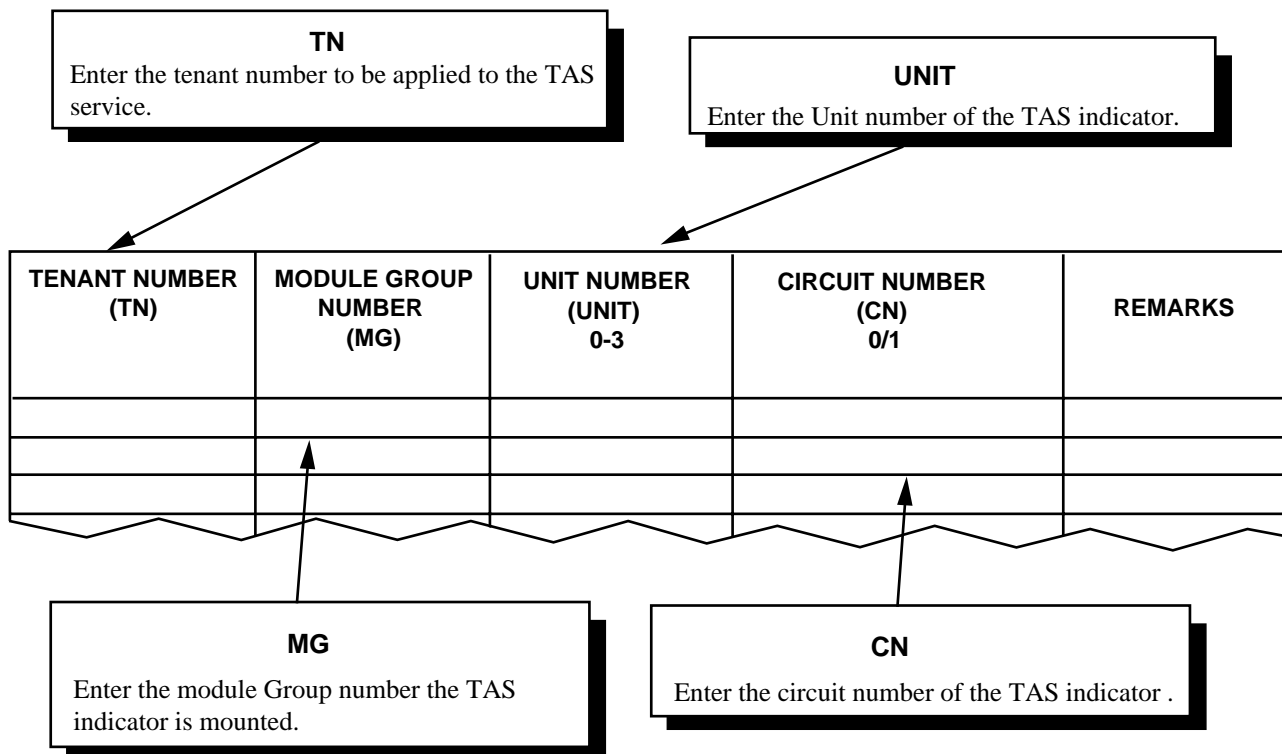
1. General

This command assigns the data related to the Trunk Answer From Any Station (TAS) service feature.

2. Precautions

1. One tenant can be provided one TAS indicator.
2. The TAS answer access code is assigned by the ASPA command, SRV = SSC, SID = 16.
3. The TAS answering capability is assigned by the ASFC command, SFI=13 and the ACFR command, TSFI = 5.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 93, bit2 = 1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions



AEKD: Assignment of External Key Data

1. General

This command assigns the External Key related data, which allows a maintenance person to change the system over to the Day/Night mode by means of ON/OFF on the PFT circuit card.

2. Precautions

1. When the “PFT control by the external key” is required, the following data assignments are needed:
 - (a) AUNT command, TYPE = 2 (PFT)
 - (b) AEKD command
 - (c) ANCD command
 - (d) ACSI command, CSI = 4 (Direct-in Termination (Night Mode))
2. A maximum of eight (0-7) external keys can be assigned, corresponding to each PFT circuit card. The external key can control two PFT circuit cards per MG (16 circuits).

3. Data Entry Instructions

CP

1 = --
2 = Day/Night Change
3 = --
4 = --

TN

One external key can manage 8 tenants at the maximum

MODULE GROUP (MG) 0-7	CIRCUIT CARD NO. (NCU PKG) 0/1	EXTERNAL KEY NUMBER (CTN) 0-7	CHANGE CONTROL PATTERN (CP) 1-4	TN							
				NUMBER OF INPUT TN or RT/TK (CNT)							
				1st	2nd	3rd	4th	5th	6th	7th	8th
		0									
		1									
		2									
		3									
		4									
		5									
		6									

4. Data Sheet

MODULE GROUP NUMBER (MG) 0-7	NCU CARD NUMBER (NCU PKG) 0/1	EXTERNAL KEY NUMBER (CTN) 0-7	CHANGE CONTROL PATTERN (CP) 1-4	TENANT NUMBER (TN)							
				1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH
		0									
		1									
		2									
		3									
		4									
		5									
		6									
		7									

AAND: Assignment of Automatic Number Identification Data

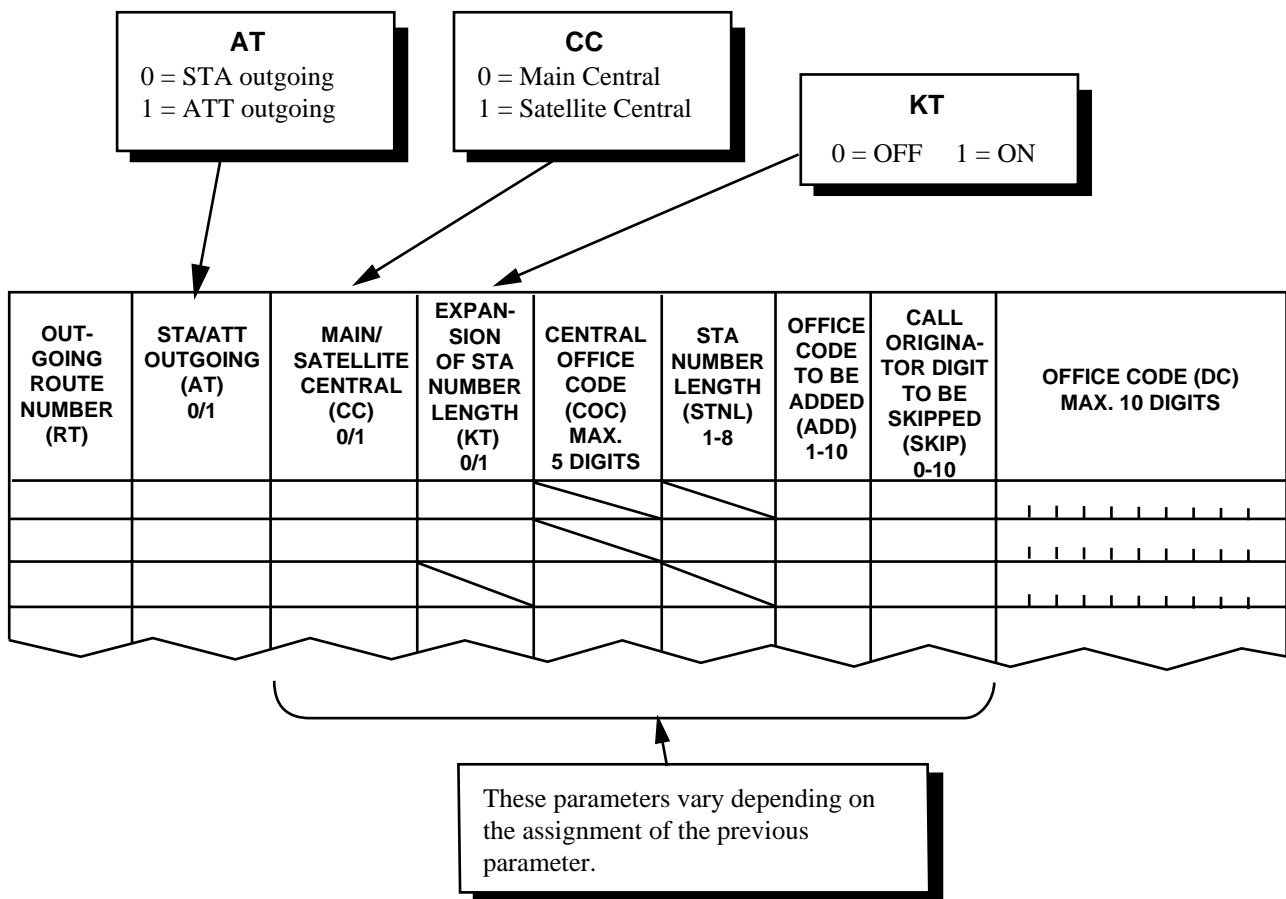
1. General

This command assigns ANI data for the number of digits of the calling station number and the office code on each route basis for the Automatic Number Identification (ANI) Service. (For E911 ANI)

2. Precautions

The route number set in parameter RT should have been designated in ARTD, ANI = 1.

3. Data Entry Instructions



4. Data Sheet

- (a) When STA/ATT, the Individual Attendant Number, is assigned. Outgoing and Main Central (AT = 0, CC = 0)

ROUTE NUMBER (RT)	STA OUTGOING/ ATT OUTGOING (AT)	MAIN CENTRAL/ SATELLITE CENTRAL (CC)	EXPANSION OF STA NUMBER LENGTHS (KT) 0/1	STA NUMBER LENGTH (STNL) 1 – 8 Note	OFFICE CODE TO BE ADDED (ADD) 1 – 10	CALL ORIGINATOR DIGIT TO BE SKIPPED (SKIP) 0 – 10	OFFICE CODE (DC) MAXIMUM 10 DIGITS
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |
| | |	0	0					| | | | | | | | | |

Note: This parameter can be assigned when KT = 1.

AAND : Assignment of Automatic Number Identification Data

(b) When STA/ATT, the Individual Attendant Number, is assigned. Outgoing and Satellite Central (AT = 0, CC = 1)

ROUTE NUMBER (RT)	STA OUTGOING/ ATT OUTGOING (AT)	MAIN CENTRAL/ SATELLITE CENTRAL (CC)	CENTRAL OFFICE CODE (COC) MAXIMUM 5 DIGITS	OFFICE CODE TO BE ADDED (ADD) 1 – 10	CALL ORIGINATOR DIGIT TO BE SKIPPED (SKIP) 0 – 10	OFFICE CODE (DC) MAXIMUM 10 DIGITS
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |
| | |	0	1	| | | | |			| | | | | | | | | | |

AAND : Assignment of Automatic Number Identification Data

(c) When ATT, the Individual Attendant Number, is not assigned. Outgoing (AT = 1).

ROUTE NUMBER (RT)	STA OUTGOING/ATT OUTGOING (AT)	OFFICE CODE (DC) MAXIMUM 10 DIGITS	REMARKS
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	
| |	1	| | | | | | | | | |	

AAND_LR: Assignment of Automatic Number Identification Data – Logical Route Number

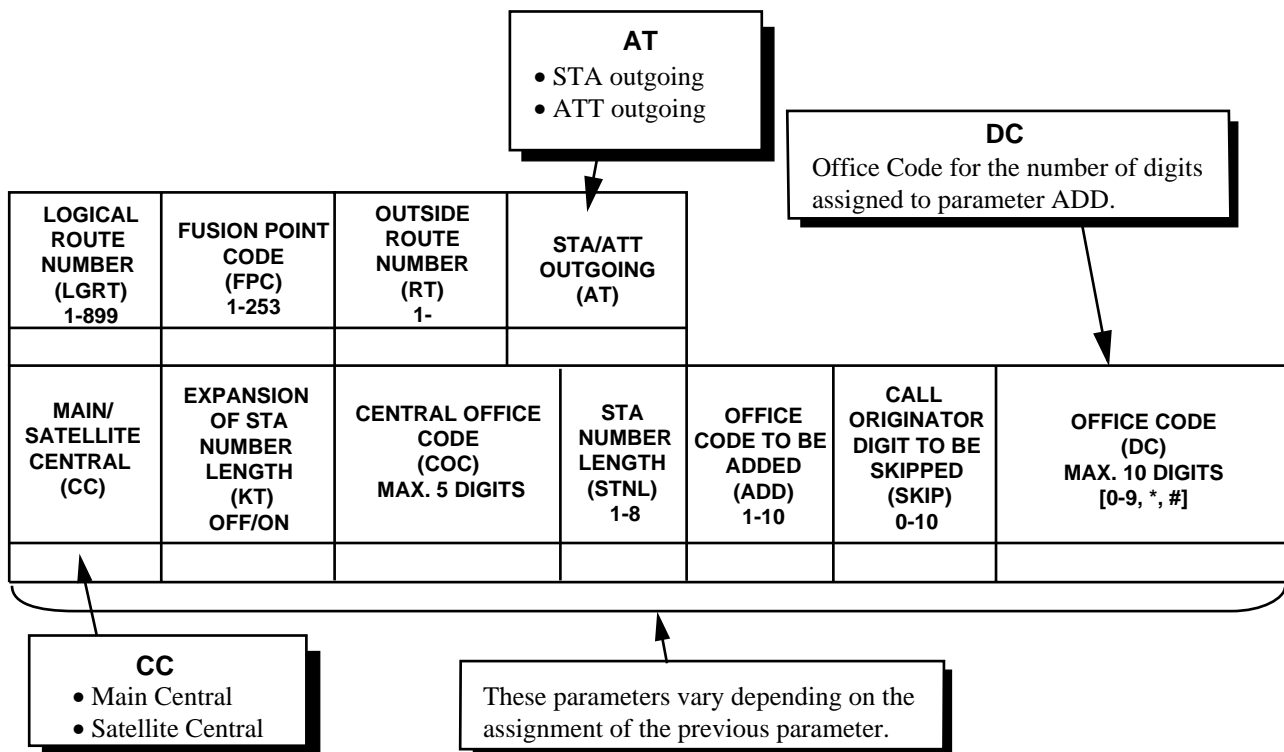
1. General

This command is used to assign ANI data for the number of digits of calling station number and the office code on each tenant basis for the Automatic Number Identification (ANI) service (for E911 ANI). Route number of the AAND command can be assigned by using Logical Route.

2. Precautions

1. Prior to this command, logical route data must be allocated by using the ALRTN command.
2. Only when logging in to the NCN (Network Control Node), this command can be used to assign the logical route data of self-Node and the other Nodes in the Fusion Network. If logging in to a LN (Local Node), data setting only for the self-node is available. (Error message is indicated if you try to write the data of other Node.)
3. The Route number of RT parameter should have been designated in ARTD, CDN19 ANI = 1.

3. Data Entry Instructions



4. Data Sheet

(a) When AT = STA outgoing, CC = Main Central is selected;

LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	OUTSIDE ROUTE NUMBER (RT) 1-	STA/ATT OUTGOING (AT)	MAIN/ SATELLITE CENTRAL (CC)	EXPANSION OF STA NUMBER LENGTH (KT) OFF/ON	STA NUMBER LENGTH (STNL) 1- 8 Note	OFFICE CODE TO BE ADDED (ADD) 1-10	CALL ORIGINATOR DIGIT TO BE SKIPPED (SKIP) 0-10	OFFICE CODE (DC) MAX. 10 DIGITS [0-9, *, #]

Note: This parameter can be assigned when "KT = ON."

AAND_LR : Assignment of Automatic Number Identification Data – Logical Route Number

(b) When AT = STA, CC = Satellite Central is selected;

LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	OUTSIDE ROUTE NUMBER (RT) 1-	STA/ATT OUTGOING (AT)	MAIN/ SATELLITE CENTRAL (CC)	CENTRAL OFFICE CODE (COC) MAX. 5 DIGITS	OFFICE CODE TO BE ADDED (ADD) 1-10	CALL ORIGINATOR DIGIT TO BE SKIPPED (SKIP) 0-10	OFFICE CODE (DC) MAX. 10 DIGITS [0-9, *, #]

AAND_LR : Assignment of Automatic Number Identification Data – Logical Route Number

(c) When AT = ATT outgoing is selected;

LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	OUTSIDE ROUTE NUMBER (RT) 1-	STA/ATT OUTGOING (AT)	OFFICE CODE (DC) MAX. 10 DIGITS [0-9, *, #]	REMARKS

AANDE: Assignment of Automatic Number Identification Expansion Data

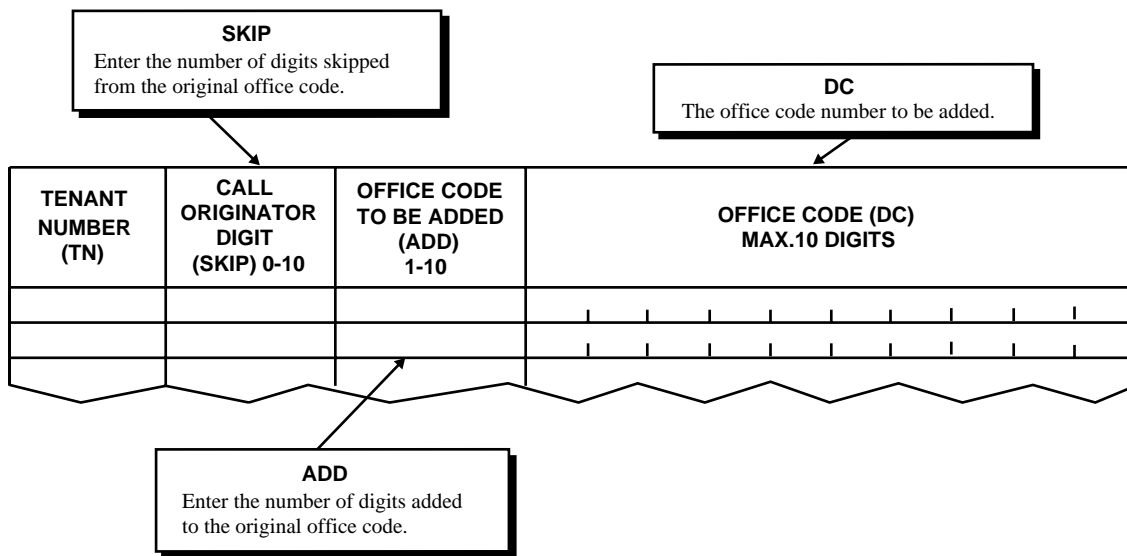
1. General

This command assigns ANI data for the number of digits for the calling station number and the office code on each tenant basis for the Automatic Number Identification Expansion (ANIE) Service. (For E911ANI)

2. Precautions

1. This data is available when E911 ANI Office Code Expansion is in service (the ASYD command, SYS 1, INDEX 246, bit5=1).
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions



AANI: Assignment of ANI Data

1. General

This command assigns Automatic Number Identification (ANI) data sent per tenant by the request from opposite office.

2. Precautions

1. Before using this command, ASYD SYS1 INDEX 125 b4 - b7 (Type of MFC Signaling System) should be assigned.
2. When ASYD command, SYS 2 INDEX 15, b2 = 1, the following number is sent as ANI data.
 - (a) Calling party is a station:
 Calling party's station number is sent.
 - (b) Calling party is an Attendant or tandem connection:
 LDN assigned in this command is sent.
 If b2 = 0, LDN assigned in this command is sent.
3. The ANI parameter of ARTD command should be assigned prior to this command.
4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions

TENANT NUMBER (TN)	CALL NUMBER OF TOLL (TS) MAXIMUM 8 DIGITS	CALL NUMBER OF LOCAL (LS) MAXIMUM 8 DIGITS	LISTED DIRECTORY NUMBER (LDN) MAXIMUM 8 DIGITS	REMARKS
	_ _ _ _ _ _ _	_ _ _ _ _ _ _	_ _ _ _ _ _ _	
	_ _ _ _ _ _ _	_ _ _ _ _ _ _	_ _ _ _ _ _ _	
	_ _ _ _ _ _ _	_ _ _ _ _ _ _	_ _ _ _ _ _ _	

TS

This parameter is not used. (For China only)
Press SPACE key and Enter key in order to skip this parameter.

LS

If no LS (Local Number) of ANI is required, enter "*" or "#" in this parameter.
The LS is not included in ANI.

ASPD: Assignment of Speed Calling

1. General

This command assigns the speed calling number corresponding to each Abbreviated Digit Code (ADC).

2. Precautions

1. The speed calling number assigned by this command (the data entered at the DC parameter) is transmitted when an ADC is dialed following the Speed Calling - System access code.
2. The following command should be assigned to accomplish the Speed Calling - System service feature: ASPA command, SSC = 15 ASFC command, SFI = 12
3. The Speed Calling - System data may also be used in conjunction with the following commands, and the ADC parameter is an intermediate data to correspond to them:

AABD: The restriction data of Speed Calling - System

ACFO: System Call Forwarding data

ACSA: Ring down trunk incoming call termination (Day mode)

ACSI: Ring down trunk incoming call termination (Day and Night mode, or Night mode)

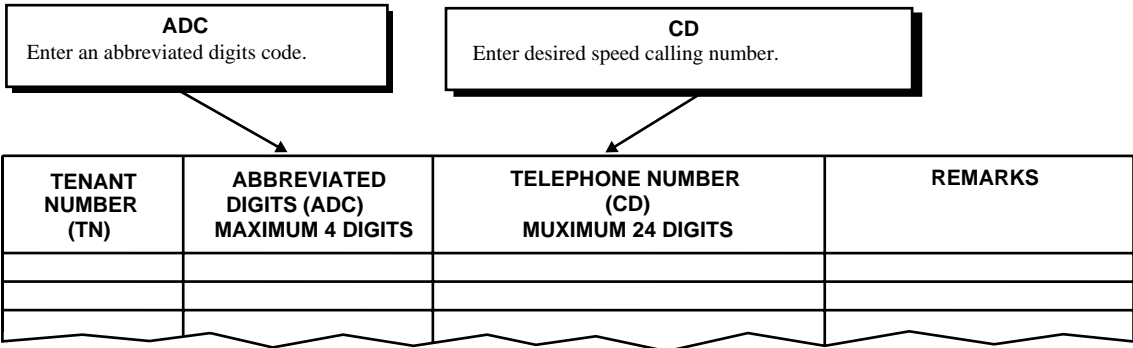
AFCP: Calling Party Recognition Service of ISDN.

AHLS: Hot Line

ALDN: LDN diversion of DID call

4. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 93, bit3=1), assign TN parameter as data "1" for all tenants.
5. The access code for the designated outgoing trunk route should be included in the speed calling number to be assigned in the DC parameter.
6. If a pause is required within the speed calling number, enter "P" between the desired digits in the CD parameter. The default pause is 3 seconds and can be adjusted using the ASYD command, SYS1, INDEX131.
7. When assigning a speed calling number in which certain digits vary, enter "M" where digits are to be dialed manually. It should be noted that once "M" is entered in any part of telephone number, all digits following the "M" must be dialed manually.

3. Data Entry Instructions



4. Data Sheet

TENANT NUMBER (TN)	ABBREVIATED DIGIT CODE (ADC) MAX. 4 DIGITS	TELEPHONE NUMBER (CD) MAXIMUM 24 DIGITS	REMARKS

AATC: Assignment of Authorization Code Data

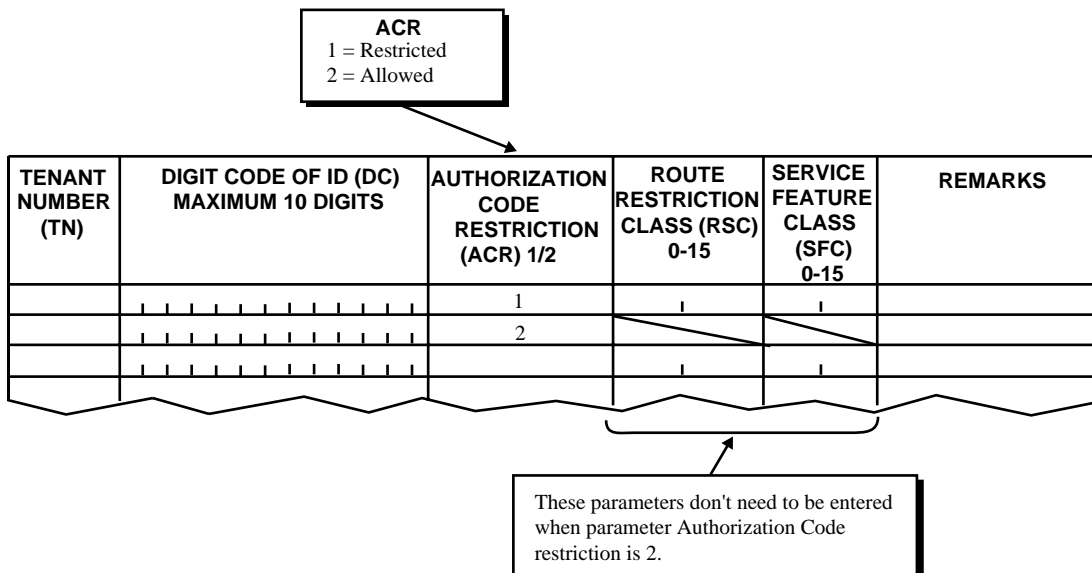
1. General

This command assigns the Authorization Code that is used for Authorization Code/Forced Account Code/Pad Lock, and Remote Access to system features.

2. Precautions

1. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 94, bit3=1), assign TN parameter as data "1" for all tenants.
2. When data "1 (Restricted)" is entered in the ACR parameter, the RSC and SFC parameter is specified as the temporary class. The trunk connection or service feature capability of the temporary class is referred to by the data of the ARSC command and the ASFC command.
3. When data "2 (Allowed)" is entered in the ACR parameter, neither the RSC nor SFC parameter appears. In this case, the trunk connection or service feature is allowed regardless of the ARSC /ASFC data.
4. A maximum of 10 digits of DC can be entered as the Authorization Code.
5. Assign data "0" (Separate) in bit 6, INDEX93, SYS1 of the ASYD command to specify the maximum number of digits for the command AMND.
6. Check sum (2 digits) for the Authorization Code can be arranged by the data assignment in INDEX 12, 13, and 14 of the ASYD command.

3. Data Entry Instructions



4. Data Sheet

(a) When SFC and RSC are assigned for each Authorization Code (ACR = 1)

TENANT NUMBER (TN)	AUTHORIZATION CODE (DC) MAXIMUM 10 DIGITS	AUTHORIZATION CODE RESTRICTION (ACR) 1/2	ROUTE RESTRICTION CLASS (RSC) 0 - 15	SERVICE FEATURE CLASS (SFC) 0 - 15	REMARKS
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
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		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			
		1			

AATC : Assignment of Authorization Code Data

(b) When SFC and RSC are not assigned for each Authorization Code (ACR = 2)

TENANT NUMBER (TN)	AUTHORIZATION CODE (DC) MAXIMUM 10 DIGITS	AUTHORIZATION CODE RESTRICTION (ACR) 1/2	REMARKS
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
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		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	
		2	

ACFO: Assignment of Call Forwarding Data

1. General

This command assigns various call forwarding service data on a tenant basis. The destinations of forwarded calls can be the attendant console, a station, or an outside party.

2. Precautions

1. The parameter ADC displays only when designating 4 in the CF parameter. The Abbreviated Digit Codes (ADC) and the speed dial number are assigned by the ASPD command.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8. If data for this command is common for all tenants (ASYD command, SYS1, INDEX 93, bit1=1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

TENANT NUMBER (TN)	CALL FORWARDING SERVICE (CF) 1-4	CALL FORWARDING DESTINATION AND STATION NUMBER		ABBREVIATED DIGIT CODE (ADC) MAX. 4 DIGITS	REMARKS
		(CFI) 1/2	(STN)		
|	1	|	| | | | |	| | | |	
|	2	|	| | | | |	| | | |	
|	3	|	| | | | |	| | | |	
|	4	|	| | | | |	| | | |	

CFI
1 = Attendant Console
2 = Station

STN
The STN parameter appears when data is entered in the CFI parameter.

CF
1 = C.F. - Busy Line
2 = C.F. - Don't Answer
3 = C.F. - Intercept
4 = Night Connection Outside

ADC
The parameter ADC is displayed when data "4" is entered in the CF parameter.

ACFO : Assignment of Call Forwarding Data

4. Data Sheet

TENANT NUMBER (TN)	CALL FORWARDING SERVICE		CALL FORWARDING DESTINATION AND STATION NUMBER		ABBREVIATED DIGIT CODE (ADC) 4 DIGITS	REMARKS
	TYPE OF C.F. SERVICE	(CF) 1-4	(CFI) 1/2	(STN)		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		
	C.F. – Busy Line	1		| | | | |		
	C.F. – Don’t Answer	2		| | | | |		
	C.F. – Intercept	3		| | | | |		
	Night Connection Outside	4		| | | | |		

4. Data Sheet

TENANT NUMBER (TN)	CALL FORWARDING SERVICE (CF)	CALL FORWARDING DESTINATION			ABBREVIATE DIGIT CODE (ADC) Max. 4 digits
		(CFI)	(UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |
	C.F. - Busy Line			| | | | | | | | | | | | | | | |	
	C.F. - Don't Answer			| | | | | | | | | | | | | | | |	
	C.F. - Intercept			| | | | | | | | | | | | | | | |	
	Night Connection Outside				| | |

ACDN: Assignment of Number of Digits for Consecutive Dialing Data

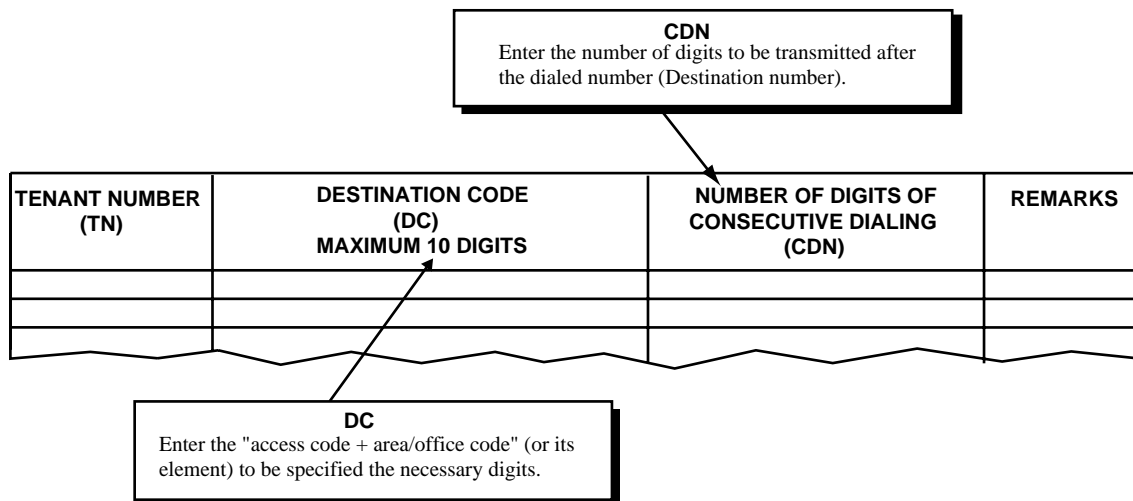
1. General

This command assigns the number of digits to be added to the access code of a distant office that has been assigned via the AMND command.

2. Precautions

1. The ARTD command is to be used to assign data "1" in the parameter CD prior to the operation of this command. It is also necessary to assign the distant office code via the AMND command prior to assigning the data for ACDN.
2. As far as tenants are concerned, the same conditions apply as in the AMND command. If the numbering plan is common for all tenants (ASYD, SYS1, INDEX 93, bit6=1), assign the TN parameter 1 for all tenants.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.

3. Data Entry Instructions



AARS: Assignment of Alternative Route Service Restriction

1. General

This command assigns various service connections between the outgoing route and the incoming route when they are to be restricted, or to assign the existing restrictions when such service connections are to be canceled.

2. Precautions

If the data is not assigned, the specified connections are to be restricted.

3. Data Entry Instructions

INCOMING ROUTE NUMBER (ICRT)	OUTGOING ROUTE NUMBER (OGRT)	ROUTE SERVICE (RSV) 0/1	RESTRICTION DATA (RES) 0-2	REMARKS
1	2	0	0	

RSV 0 = Not used 1 = AMP Pool
--

RES • When RSV = 1 (AMP Pool) 0 = Restriction 1 = OGT 2 = ICT
--

AARS : Assignment of Alternative Route Service Restriction

4. Data Sheet

INCOMING ROUTE NUMBER (ICRT)	OUTGOING ROUTE NUMBER (OGRT)	ROUTE SERVICE (RSV) 0/1	RESTRICTION DATA (RES) 0 – 2	REMARKS

AARSN: Assignment of Alternative Route Service Restriction for NDM

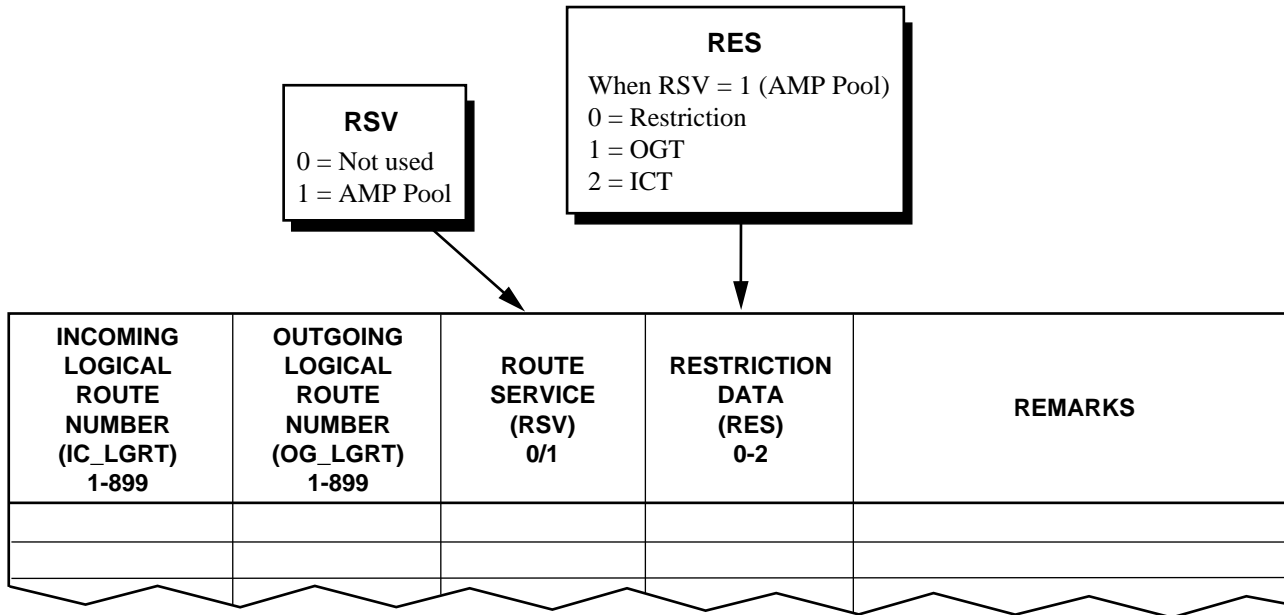
1. General

This command assigns various service connections between the outgoing route and the incoming route when they are to be restricted, or to assign the existing restrictions when such service connections are to be canceled. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only when logging in to NCN.
2. If the data is not assigned, the specified connections are to be restricted.

3. Data Entry Instructions



ALPE:Assignment of Line Privacy Expansion Data

1. General

This command assigns the eight-party Conference Trunk (CFT card), which is seized in Line Privacy Expansion Service on a per-tenant basis.

2. Precautions

1. Enter the data "1" at the TN parameter when "1" is entered at the TNF parameter.
2. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
3. The Station Number entered in the STN parameter must correspond to the one assigned at the first circuit (No. 0 circuit) of the CFT card.

3. Data Entry Instructions

TNF 0 = Separate 1 = Common		TENANT FLAG (TNF) 0/1	TENANT NUMBER (TN)	STATION NUMBER (STN)	REMARKS
		1	1	3 1 1 2	

ARPC: Assignment of Remote Point Code for Centralized Service

1. General

This command assigns the data related to the Message Center Interface - CCIS service feature.

2. Precautions

1. This command is used only at the main office of the Message Center Interface - CCIS service feature.
2. The MCI is installed at the main office of the CCIS network, and the MCI text is transmitted (or received) to (from) the external VMS when an event treated by the MCI service feature has occurred at the satellite office.

3. Data Entry Instructions

CENTRALIZED SERVICE NUMBER (CSN) 1-7	REMOTE POINT CODE COUNTER (CNT) 1-32	REMOTE POINT CODE (RPC) 1-16383	REMARKS
1	1		
	2		
	3		

CSN
1 = Message Center
2-7 = Not used

RPC
Enter the PC of the satellite office.

ARPC : Assignment of Remote Point Code for Centralized Service

4. Data Sheet

CENTRALIZED SERVICE NUMBER (CSN) 1-7	REMOTE POINT CODE COUNTER (CNT) 1-32	REMOTE POINT CODE (RPC) 1-16383	REMARKS
1	1	| | | | | | | |	
	2	| | | | | | | |	
	3	| | | | | | | |	
	4	| | | | | | | |	
	5	| | | | | | | |	
	6	| | | | | | | |	
	7	| | | | | | | |	
	8	| | | | | | | |	
	9	| | | | | | | |	
	10	| | | | | | | |	
	11	| | | | | | | |	
	12	| | | | | | | |	
	13	| | | | | | | |	
	14	| | | | | | | |	
	15	| | | | | | | |	
	16	| | | | | | | |	
	17	| | | | | | | |	
	18	| | | | | | | |	
	19	| | | | | | | |	
	20	| | | | | | | |	
	21	| | | | | | | |	
	22	| | | | | | | |	
	23	| | | | | | | |	
	24	| | | | | | | |	
	25	| | | | | | | |	
	26	| | | | | | | |	
	27	| | | | | | | |	
	28	| | | | | | | |	
	29	| | | | | | | |	
	30	| | | | | | | |	
	31	| | | | | | | |	
	32	| | | | | | | |	

ARDN: Assignment of Remote Control Day/Night

1. General

This command assigns the data related to the Centralized Day/Night Mode Change service feature.

2. Precautions

1. This command is used only at the Main office which controls the Day/Night mode for the satellite office via the CCIS link.
2. When there are multiple satellite offices created by grouping tenant numbers, the mode can be changed on all the satellite offices or on a per tenant basis.
3. For the Main office, the related indexes of the ASYD command are as follows:

SYS1, INDEX18, bit6 (Day/Night change of satellite office) 0/1 = Out/In service

SYS1, INDEX75, bit0 (ARSC command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit1 (ASFC command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit2 (ATNR command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit3 (ATDP command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit4 (AEFR command Day/Night table) 0/1 = common/separate

For the Satellite office, the related indexes of the ASYD command are as follows:

SYS1, INDEX18, bit7 (Day/Night change is executed by the Main Office) 0/1 = Out/In service

SYS1, INDEX19, bit0-3 (Tenant (TN=1-15) of the main office to which the satellite office belongs)

SYS1, INDEX75, bit0 (ARSC command Day/Night table) 0/1 = common/separate

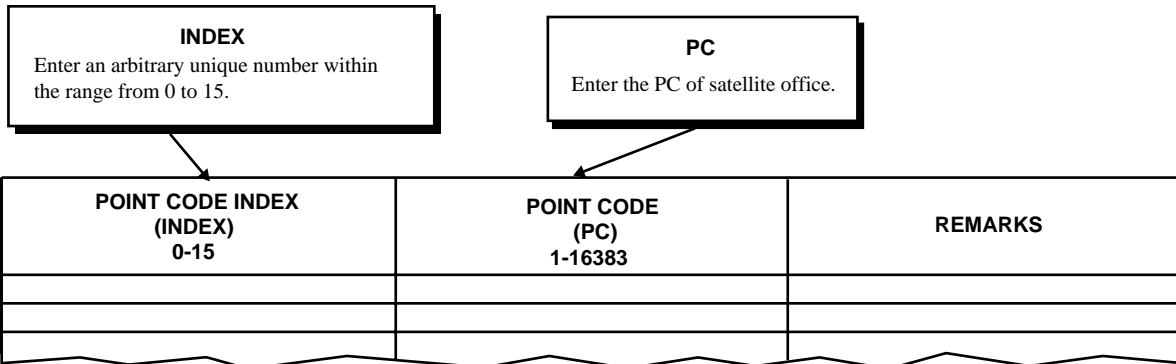
SYS1, INDEX75, bit1 (ASFC command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit2 (ATNR command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit3 (ATDP command Day/Night table) 0/1 = common/separate

SYS1, INDEX75, bit4 (AEFR command Day/Night table) 0/1 = common/separate

3. Data Entry Instructions



4. Data Sheet

POINT CODE INDEX (INDEX) 0 – 15	POINT CODE (PC) 1 – 16383	REMARKS
0	| | | | |	
1	| | | | |	
2	| | | | |	
3	| | | | |	
4	| | | | |	
5	| | | | |	
6	| | | | |	
7	| | | | |	
8	| | | | |	
9	| | | | |	
10	| | | | |	
11	| | | | |	
12	| | | | |	
13	| | | | |	
14	| | | | |	
15	| | | | |	

ACDD: Assignment of Change Digit Code for Dial in Service

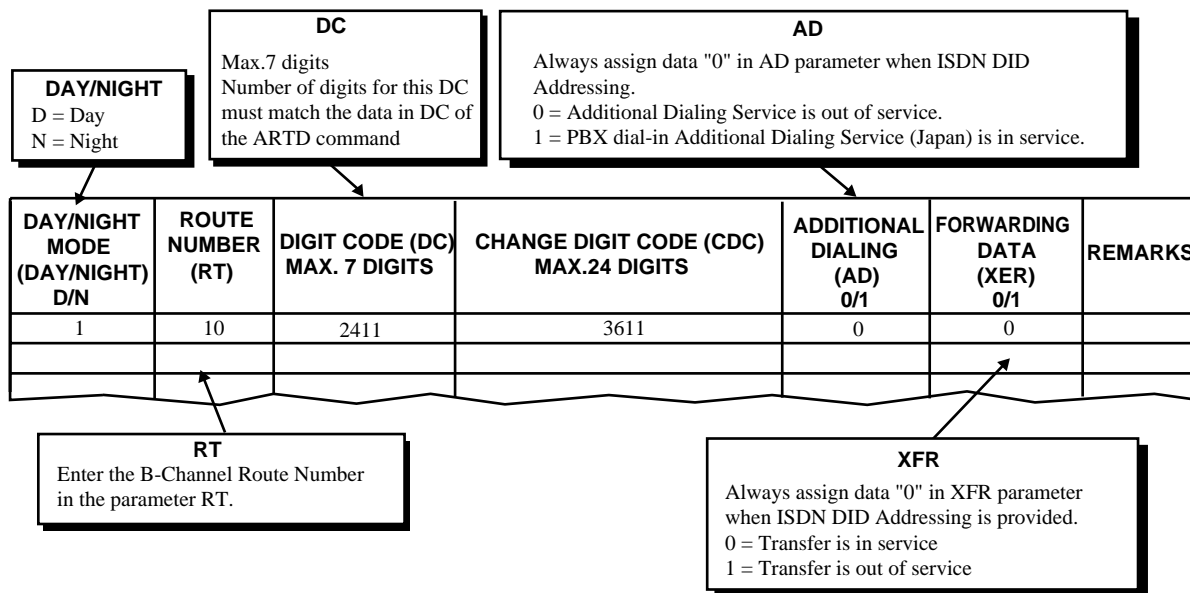
1. General

This command assigns the Change Digit Code for the ISDN line with DID Addressing.

2. Precautions

1. Data can be entered on a Day/Night basis if specified in the ASYD command, SYS 1, INDEX 75, Bit 5=1.
2. This command does not affect DC = 0 (Sub Address - Addressing) assigned by the ARTD command.
3. Enter the B-Channel Route Number in the parameter RT.

3. Data Entry Instructions



4. Data Sheet

DAY/NIGHT MODE (DAY/NIGHT) D/N	ROUTE NUMBER (RT)	DIGIT CODE (DC) MAX. 7 DIGITS	CHANGE DIGIT CODE (CDC) MAX. 24 DIGITS	ADDITIONAL DIALING (AD) 0/1	FORWARDING DATA (XFR) 0/1	REMARKS

ACDD_LR: Assignment of Change Digit Code for Dial In Service – Logical Route Number

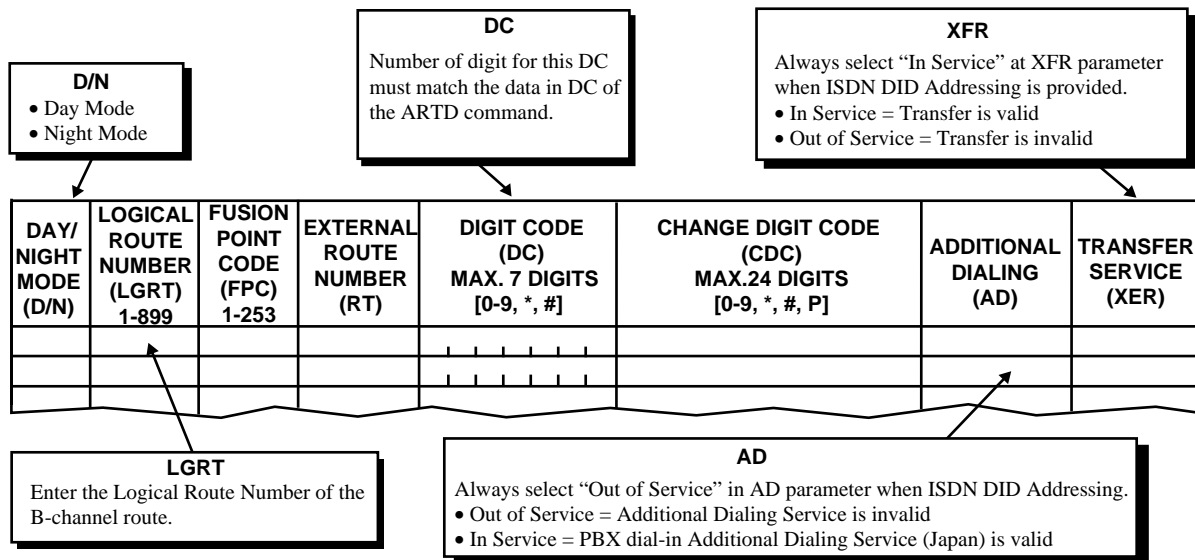
1. General

This command is used to assign the Change Digit Code for the ISDN line with DID Addressing. Route number of the ACDD command can be assigned by using Logical Route.

2. Precautions

1. Prior to this command, logical route data must be allocated by using the ALRTN command.
2. Only when logging in to the NCN (Network Control Node), this command can be used to assign the logical route data of self-Node and the other Nodes in the Fusion Network. If logging in to a LN (Local Node), data setting only for the self-node is available. (Error message is indicated if you try to write the data of other Node.)
3. Data can be entered on a Day/Night basis if specified in the ASYD command, SYS 1, INDEX 75, bit 5=1.
4. This command does not affect if DC = 0 (Sub Address - Addressing) is assigned by the ARTD command.
5. Enter the Logical Route Number of the B-channel route in the parameter “LGRT.”

3. Data Entry Instructions



4. Data Sheet

DAY/ NIGHT MODE (D/N)	LOGICAL ROUTE NUMBER (LGRT) 1-899	FUSION POINT CODE (FPC) 1-253	EXTERNAL ROUTE NUMBER (RT)	DIGIT CODE (DC) MAX. 7 DIGITS [0-9, *, #]	CHANGE DIGIT CODE (CDC) MAX. 24 DIGITS [0-9, *, #, P]	ADDI- TIONAL DIALING (AD)	TRANSFER SERVICE (XER)

ACNP: Assignment of Calling Number Pattern

1. General

This command assigns the Calling Number Pattern (CNP) to the route that is used for the SID To Network-Present service/for the Calling Party Recognition service.

2. Precautions

1. Enter a B-Channel Route Number in the RT parameter.
2. The CNP is an intermediate parameter to assign the SID using the ACND command.

3. Data Entry Instructions

KING OF CONNECTION (IC/OG) I/O	ROUTE NUMBER (RT)	CALLING NUMBER PATTERN (CNP) 1-255	REMARKS

OG/IC

I = Incoming Call (Calling Party Recognition)
O = Outgoing Call (SID To Network-Present)

CNP

Enter the arbitrary number within the range between 1 and 255.

RT

Enter the route number of the B-channel

ACNPN: Assignment of Calling Number Pattern for NDM

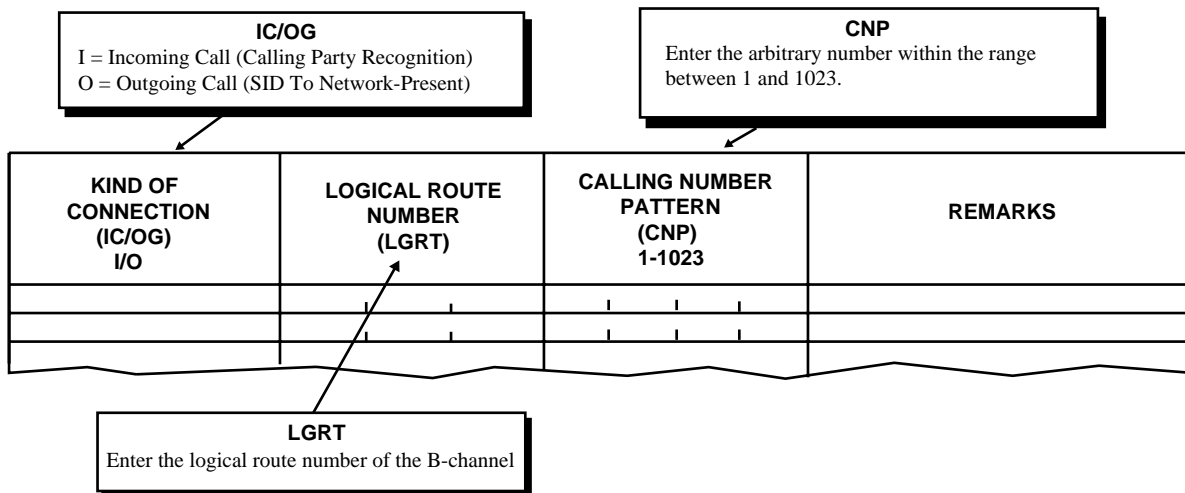
1. General

This command assigns the Calling Number Pattern (CNP) to the route which is used for the SID To Network-Present service/for the Calling Party Recognition service. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. Enter a B-Channel Logical Route Number in the LGRT parameter.
2. The CNP parameter in this command corresponds to the one assigned by ACNDN command.
3. Assign the Calling Number Pattern (CNP) to Incoming Call and Outgoing Call each.
4. When the Calling Party Recognition is used in TAPI service, this command is to be assigned to the incoming route of COT which receives the calling number information from Central Office (analog) directly.
5. This command must be used in a pair with ACNDN command.

3. Data Entry Instructions



4. Data Sheet

KIND OF CONNECTION (IC/OG) I/O	LOGICAL ROUTE NUMBER (LGRT)	CALLING NUMBER PATTERN (CNP) 1 – 1023	REMARKS

ACND: Assignment of Calling Number Data

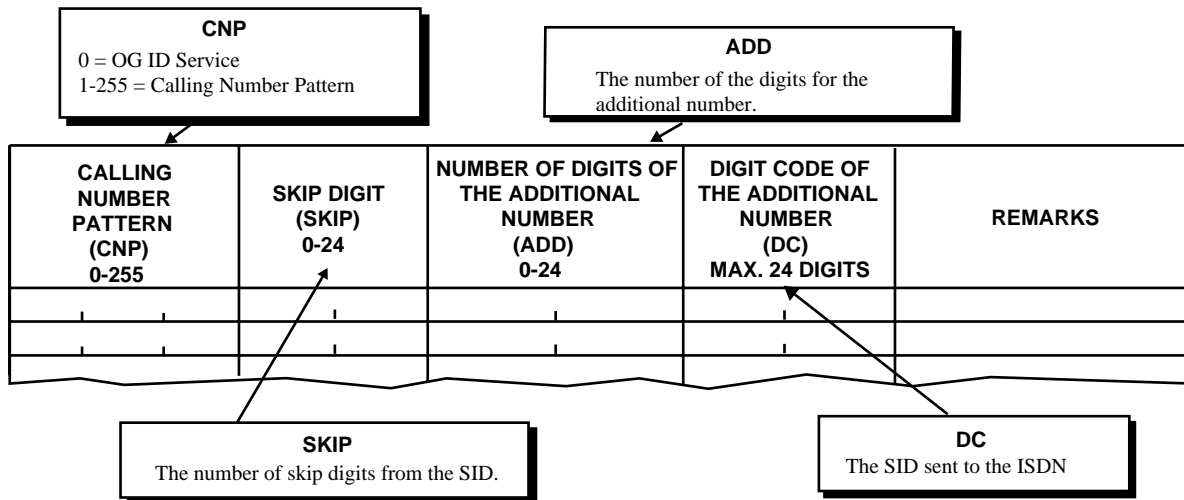
1. General

This command assigns the Service Identification Number (SID) sent to the ISDN for the SID To Network - Present service for the Calling Party Recognition service.

2. Precautions

The CNP parameter corresponds to the one assigned by the ACNP command.

3. Data Entry Instructions



ACND : Assignment of Calling Number Data

4. Data Sheet

CALLING NUMBER PATTERN (CNP) 0 - 255	SKIP DIGIT (SKIP) 0 - 24	NUMBER OF DIGITS OF THE ADDITIONAL NUMBER (ADD) 0 - 24	DIGIT CODE OF THE ADDITIONAL NUMBER (DC) MAX. 24 DIGITS	REMARKS

ACNDN: Assignment of Calling Number Data for NDM

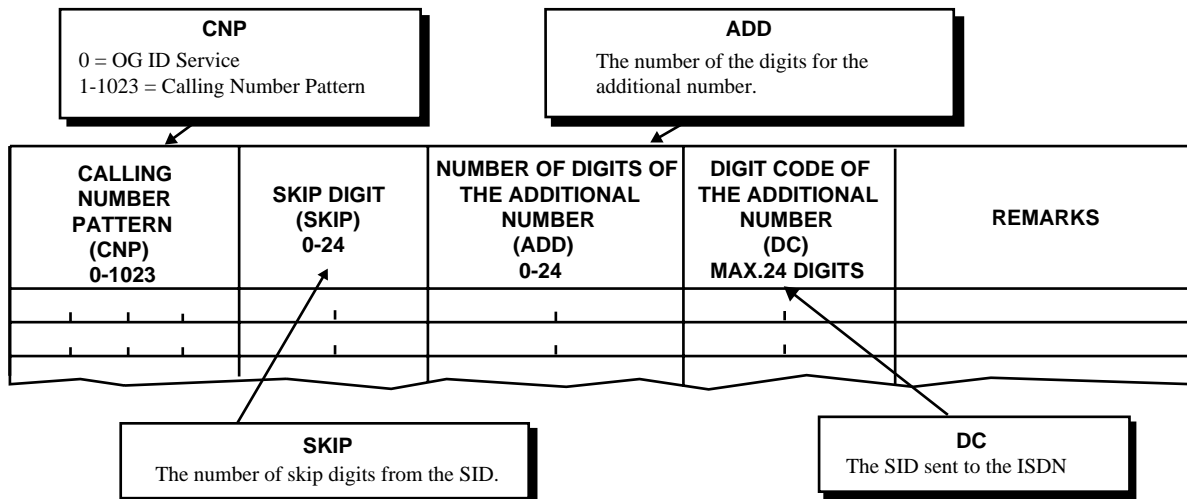
1. General

This command assigns the Station Number Identification (SID) sent to the ISDN for the SID To Network - Present service/for the Calling Party Recognition service. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The CNP parameter in this command corresponds to the one assigned by the ACNPN command.
2. Do not assign the data "0" to both SKIP and ADD parameters.
3. For DC parameter, assign the same number of digits designated at ADD parameter.
4. This command must be used in a pair with ACNPN command.

3. Data Entry Instructions



ACPNCL: Assignment of Calling Party Number Conversion for LDM

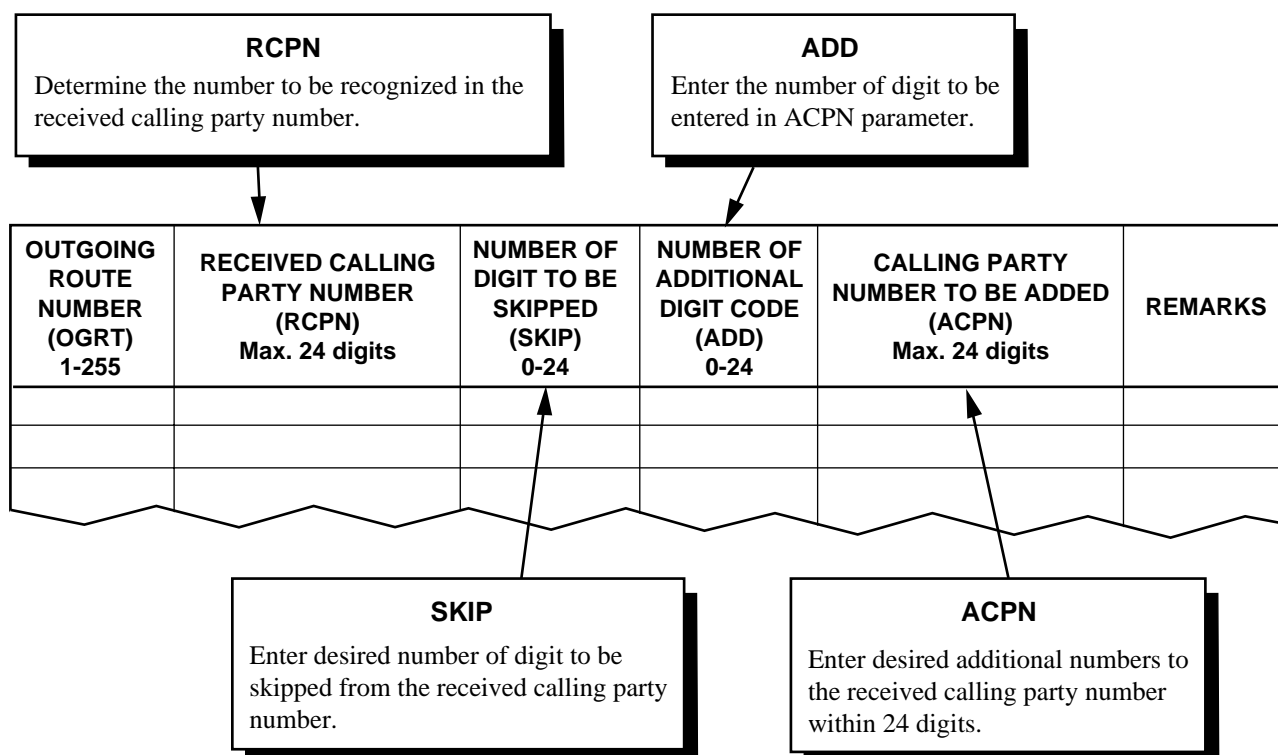
1. General

This command assigns skip and additional digits information for Outgoing Route Number. This data is written in Local Data Memory (LDM).

2. Precautions

- When the calling party number that is more than 8 digits including the office code (ARNP, RT=0) is received from CCIS line, the calling party number is sent as Physical Station Number through CCIS line. Therefore, Physical Station Number must be assigned in RCPN parameter to recognize the calling party number.

3. Data Entry Instruction



4. Data Sheet

OUTGOING ROUTE NUMBER (OGRT) 1-255	RECEIVED CALLING PARTY NUMBER (RCPN) Max. 24 digits	NUMBER OF DIGIT TO BE SKIPPED (SKIP) 0-24	NUMBER OF ADDITIONAL DIGIT CODE (ADD) 0-24	CALLING PARTY NUMBER TO BE ADDED (ACPN) Max. 24 digits	REMARKS

ACPNCN: Assignment of Calling Party Number Conversion for NDM

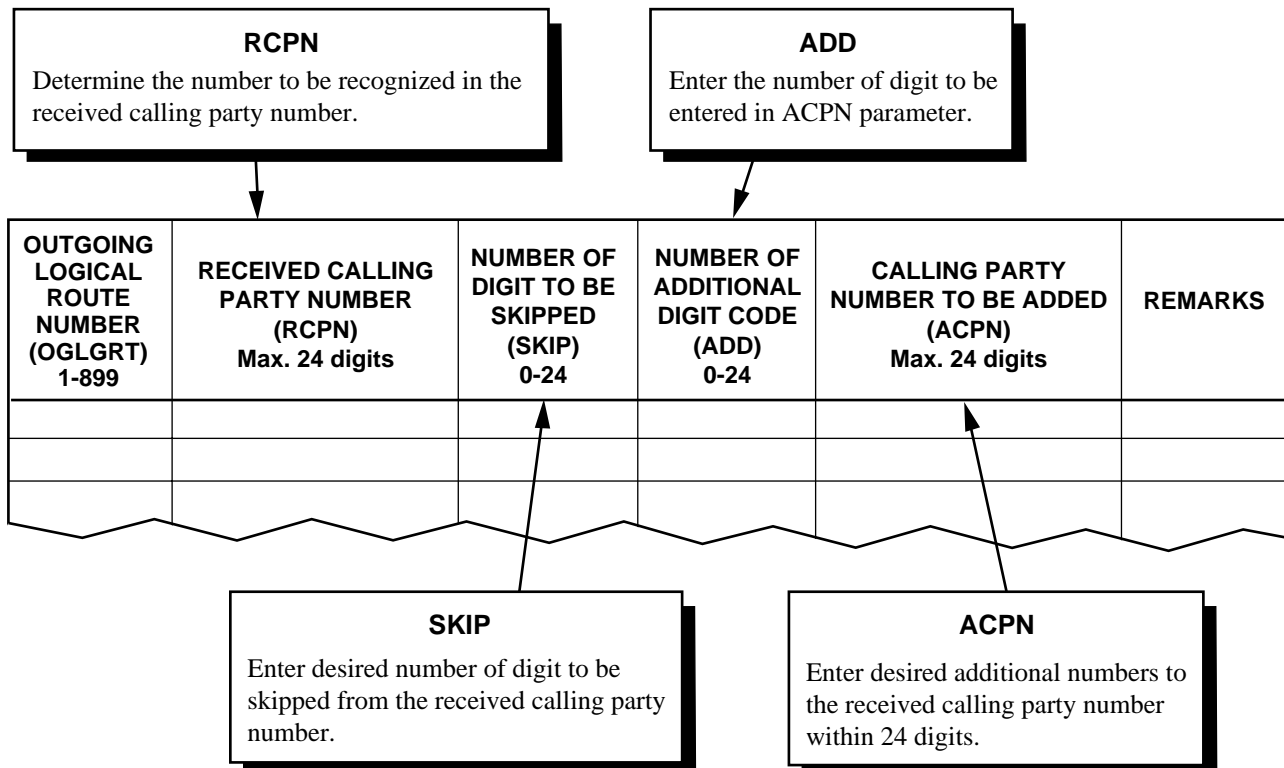
1. General

This command assigns skip and additional digits information for Outgoing Logical Route Number. The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. When the calling party number that is more than 8 digits including the office code (ARNP, RT=0) is received from CCIS line, the calling party number is sent as Physical Station Number through CCIS line. Therefore, Physical Station Number must be assigned in RCPN parameter to recognize the calling party number.
2. When the system is upgraded from non-fusion system to fusion system, Physical Station Number/ Telephone Number written in LDM programmed in ACPNCL command should be deleted and the new Telephone Number must be assigned using ACPNCN command unless those numbers are identical with Telephone Numbers to be written NDM (If the numbers are not deleted, the system detects the wrong number data or does not detect the number data since the fusion system reads out the NDM data).

3. Data Entry Instruction



4. Data Sheet

OUTGOING LOGICAL ROUTE NUMBER (OGRT) 1-899	RECEIVED CALLING PARTY NUMBER (RCPN) Max. 24 digits	NUMBER OF DIGIT TO BE SKIPPED (SKIP) 0-24	NUMBER OF ADDITIONAL DIGIT CODE (ADD) 0-24	CALLING PARTY NUMBER TO BE ADDED (ACPN) Max. 24 digits	REMARKS

AFCP: Assignment of Call Forwarding Service by Calling Number

1. General

This command assigns the data related to the Calling Party Recognition Service of ISDN.

2. Precautions

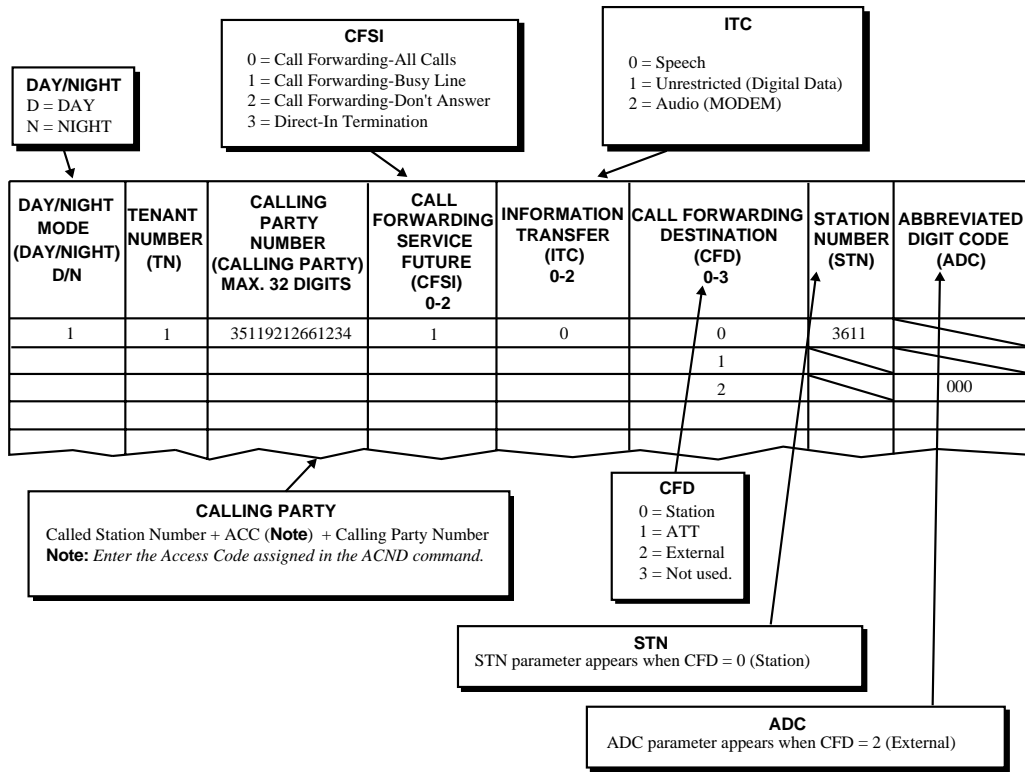
1. When the Calling Forwarding Destination is a trunk line, assign the Abbreviated Digit Code for the trunk line using the ASPD command.
2. Data can be entered on a Day/Night basis if specified in the ASYD command, SYS 1, INDEX 76, Bit 2=1.
3. The applicable Tenant Number (TN) range is designated by the ASYD command, SYS 1, INDEX 8.
4. The CALLING PARTY parameter may be treated as:
 - (a) All digits (Called Station Number + Access code assigned by the DC parameter of the ACND command + Calling party number)
 - (b) Some portions are ignored:

Example: Ignore 003, where 003 is the access code.

- (c) The entire number is ignored, reverting back to traditional Call Forwarding services.
5. The Calling Party Recognition Service affects when the Bearer Capability of the calling party is “Speech” or “3.1 kHz audio.” (“Unrestricted digital data” is not available.)

AFCP : Assignment of Call Forwarding Service by Calling Number

3. Data Entry Instructions



4. Data Sheet

(a) Call Forwarding Destination is a station.

DAY/NIGHT MODE (DAY/NIGHT) D/N	TENANT NUMBER (TN)	CALLING PARTY NUMBER (CALLING PARTY) MAX. 32 DIGITS	CALL FORWARDING SERVICE FUTURE (CFSI) 0-3	INFORMATION TRANSFER (ITC) 0-2	CALL FORWARDING DESTINATION (CFD) 0	STATION NUMBER (STN)
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	
					0	

(b) Call Forwarding Destination is an ATTCN.

DAY/NIGHT MODE (DAY/NIGHT) D/N	TENANT NUMBER (TN)	CALLING PARTY NUMBER (CALLING PARTY) MAX. 32 DIGITS	CALL FORWARDING SERVICE FUTURE (CFSI) 0-3	INFORMATION TRANSFER (ITC) 0-2	CALL FORWARDING DESTINATION (CFD) 1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1
					1

AFCP : Assignment of Call Forwarding Service by Calling Number

(c) Call Forwarding Destination is a C.O. Line.

DAY/ NIGHT MODE (DAY/ NIGHT) D/N	TENANT NUMBER (TN)	CALLING PARTY NUMBER (CALLING PARTY) MAX. 32 DIGITS	CALL FORWARDING SERVICE FUTURE (CFSI) 0-3	INFORMATION TRANSFER (ITC) 0-2	CALL FORWARDING DESTINATION (CFD) 2	ABBREVIATE DIGIT CODE (ADC) MAX. 4 DIGITS
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|
		|			2	|

AFCP_T : Assignment of Call Forwarding Service by Calling Number – Telephone Number

1. General

This command is used to assign/delete the data related to the Calling Party Recognition Service of ISDN. The station data of AFCP command can be assigned by using Telephone Number instead.

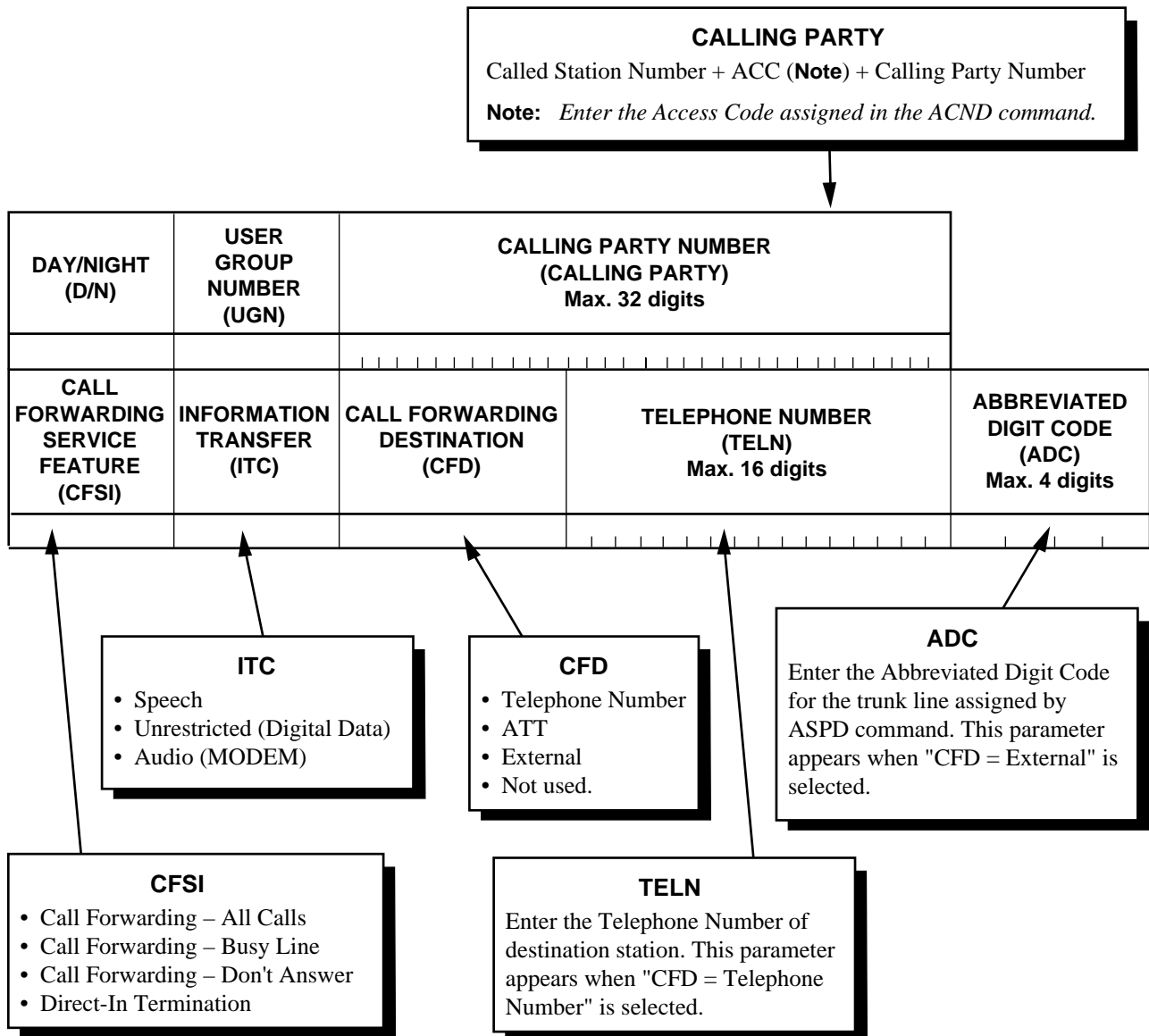
2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.
3. When the Call Forwarding Destination is a trunk line, assign the Abbreviated Digit Code for the trunk line using the ASPD command.
4. Data can be entered on a Day/Night basis if specified in the ASYD command, SYS1, INDEX 76, b2=1.
5. The applicable tenant number (TN) range is designated by the ASYD command, SYS1, INDEX 8.
6. The CALLING PARTY parameter may be treated as:
 - (a) All digits (Called Station Number + Access code assigned by the DC parameter of the ACND command + Calling Party Number)
 - (b) Some portions are ignored

Example: Ignore 003, where 003 is the access code.

- (c) The entire number is ignored, reverting back to traditional Call Forwarding services.
7. The Calling Party Recognition Service affects when the Bearer Capability of the calling party is “Speech” or “3.1 kHz audio”. (“Unrestricted digital data” is not available.)

3. Data Entry Instruction



Note: The existing data can be readout by pressing "Get" button after UGN and TELN data is entered.

AFCP_T : Assignment of Call Forwarding Service by Calling Number – Telephone Number

(b) Call Forwarding Destination is an ATTCON (CFD = ATT)

D/N	UGN	CALLING PARTY NUMBER (CALLING PARTY) Max. 32 digits	CALL FORWARDING SERVICE FEATURE (CFSI)	INFORMATION TRANSFER (ITC)	CALL FORWARDING DESTINATION (CFD)
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT
					ATT

(c) Call Forwarding Destination is a C.O. Line (CFD = External)

D/N	UGN	CALLING PARTY NUMBER (CALLING PARTY) Max. 32 digits	CALL FORWARDING SERVICE FEATURE (CFSI)	INFORMATION TRANSFER (ITC)	CALL FORWARDING DESTINATION (CFD)	ABBREVIATED DIGIT CODE (ADC) Max. 4 digits
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |
					External	| | |

ACBC: Assignment of Call by Call Service Data

1. General

This command assigns the Call by Call Information for an ISDN Network.

2. Precautions

1. Before assigning data, assign the Outgoing Route Selection Pattern Number (OPR) using the AOPR command.
2. [Table 4-28](#) provides the applicable data assignment for each ISDN switch.

Table 4-28 Data Assignments for ISDN Switch

ACBC	AT&T			NT	
	Feature Access	Service Access (SDN)	Service Access (MEGACOM, etc.)	Public, etc.	Public, etc.
TDPTN	0 - 7	0 - 7	0 - 7	0 - 7	0 - 7
OPR	0 - 4095	0 - 4095	0 - 4095	0 - 4095	0 - 4095
RA	0 - 7	0 - 7	0 - 7	0 - 7	0 - 7
MD	0	0	0	0	0
TON	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2
INTF	5	5	5	7	7
SERV	0	1	1	0	0
CODE	0 / 5 / 6	1	2 / 3 / 5 / 6	0 / 1 / 2 / 4 / 5 / 8	3
BAND	-	0 - 9	-	-	0 - 9
SCC	3 digits	3 digits	-	-	-

3. The data assignment of the INTF parameter of this command should correspond to the INT parameter of the ARTD command.
4. The data assignment of the TON parameter of this command should correspond to the one assigned by the ARTI command.

3. Data Entry Instructions

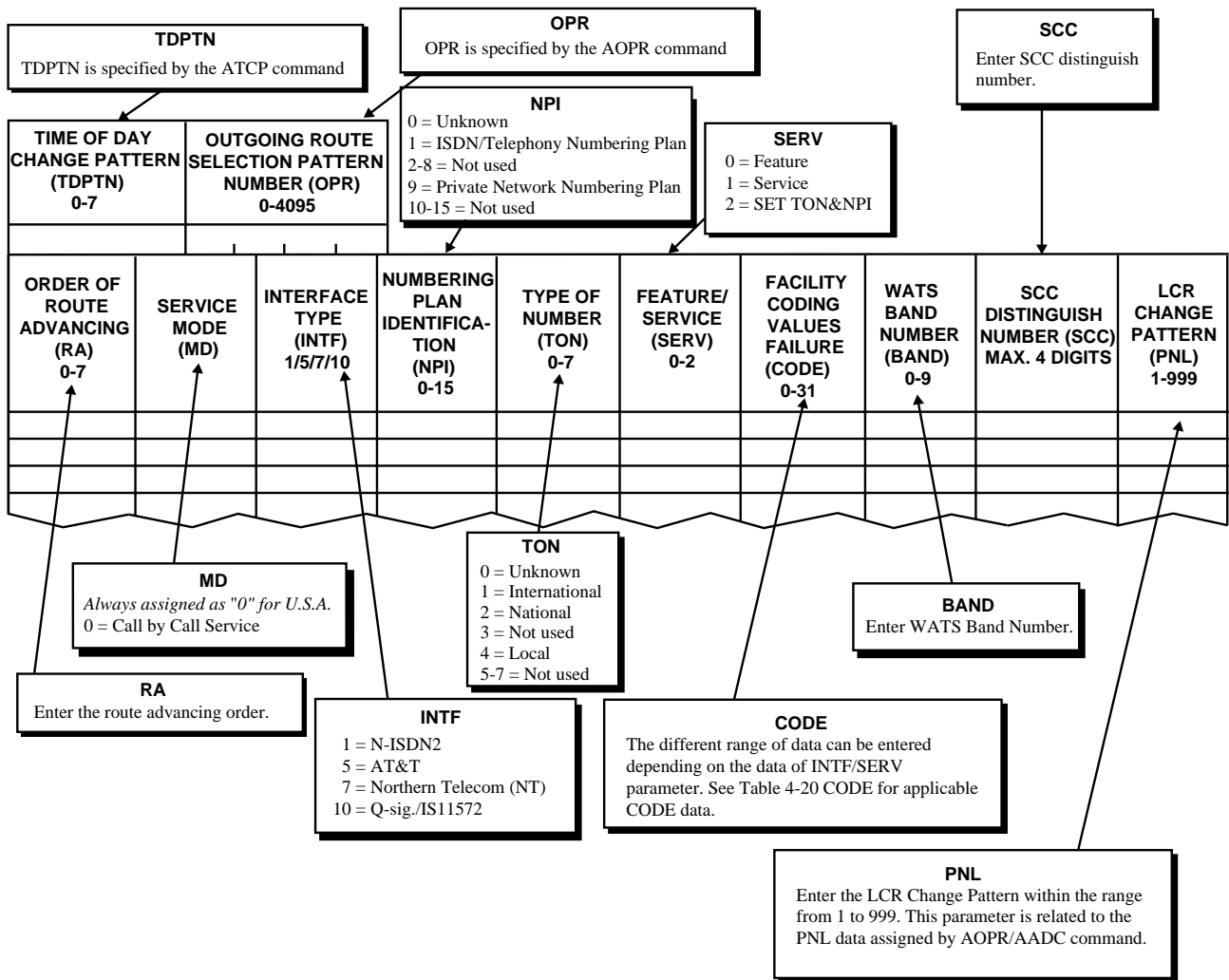


Table 4-29 Code

WHEN	APPLICABLE DATA AND MEANINGS
INTF = 1 (N-ISDN2)	17 = INWATS Selection 18 = OUTWATS 19 = Foreign Exchange (FX) 20 = Tie Trunk (TIE)
INTF = 5 (AT&T), SERV = 0 (Feature)	0 = Transmit Network Selection 1 = CPN (SID) Preferred 2 = BN (ANI) Preferred 3 = CPN (SID) Only 4 = BN (ANI) Only 5 = Operator 6 = PCCO 9 = Call Associated TSC 10 = Notification of Call Associated TSC Clearing or Resource Unavailable
INTF = 5 (AT&T), SERV = 1 (Service)	1 = SDN (Including SDGN) 2 = MEGACOM 800 3 = MEGACOM 5 = WATS maximal subscribe 9 band 6 = ACCUNET 7 = Long Distance Service 8 = International 800 10 = AT&T Multi Quest
INTF = 7 (Northern Telecom (NT))	0 = Public 1 = Private 2 = INWATS 3 = OUTWATS 4 = FX 5 = Tie Trunk 8 = TRD Call

4. Data Sheet

TIME OF DAY CHANGE PATTERN (TDPTN) 0-7		OUTGOING ROUTE SELECTION PATTERN NUMBER (OPR) 0-4095							
ORDER OF ROUTE ADVANCING (RA) 0-7	SERVICE MODE (MD)	INTERFACE TYPE (INTF) 1/5/7/10	NUMBERING PLAN IDENTIFICATION (NPI) 0-15	TYPE OF NUMBER (TON) 0-7	FEATURE/ SERVICE (SERV) 0-2	FACILITY CODING VALUES FAILURE (CODE) 0-31	WATS BAND NUMBER (BAND) 0-9	SCC DISTINGUISH NUMBER (SCC) MAX. 4 DIGITS	LCR CHANGE PATTERN (PNL) 1-999
0	0								
1	0								
2	0								
3	0								
4	0								
5	0								
6	0								
7	0								
TIME OF DAY CHANGE PATTERN (TDPTN) 0-7		OUTGOING ROUTE SELECTION PATTERN NUMBER (OPR) 0-4095							
ORDER OF ROUTE ADVANCING (RA) 0-7	SERVICE MODE (MD)	INTERFACE TYPE (INTF) 1/5/7/10	NUMBERING PLAN IDENTIFICATION (NPI) 0-15	TYPE OF NUMBER (TON) 0-7	FEATURE/ SERVICE (SERV) 0-2	FACILITY CODING VALUES FAILURE (CODE) 0-31	WATS BAND NUMBER (BAND) 0-9	SCC DISTINGUISH NUMBER (SCC) MAX. 4 DIGITS	LCR CHANGE PATTERN (PNL) 1-999
0	0								
1	0								
2	0								
3	0								
4	0								
5	0								
6	0								
7	0								

4. Data Sheet

REFERENCE NUMBER (REF) MAX. 18 DIGITS [0-9, *, #]	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	REMARKS

AREF_LR: Assignment of Reference Number Information Data – Logical Route Number

1. General

This command is used to assign Reference Number for ISDN feature. Route number of the AREF command can be assigned by using Logical Route.

2. Precautions

1. Prior to this command, logical route data must be allocated by using the ALRTN command.
2. Only when logging in to the NCN (Network Control Node), this command can be used to assign the data of self-Node and the other Nodes in the Fusion Network. If logging in to a LN (Local Node), data setting only for the self-node is available.

3. Data Entry Instructions

REF
Enter the specified Reference Number within 18 digits.

FUSION POINT CODE (FPC) 1-253	REFERENCE NUMBER (REF) MAX.18 DIGITS [0-9, *, #]	LOGICAL ROUTE NUMBER (LGRT) 1-899	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	REMARKS

FPC
This parameter appears when logging in to the NCN only. Enter the FPC of the target Node. After FPC and REF data is designated, the existing data can be read out by clicking "Get" button.

4. Data Sheet

FUSION POINT CODE (FPC) 1-253	REFERENCE NUMBER (REF) MAX. 18 DIGITS [0-9, *, #]	LOGICAL ROUTE NUMBER (LGRT) 1-899	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK) 1-255	REMARKS

AVTC: Assignment of Virtual Tie Line Call Data

1. General

This command assigns Virtual Tie Line Numbers to be used in Virtual Tie Line Service.

2. Precautions

1. This data is to be assigned at the terminating office.
2. A Virtual Tie Line Number is a station number converted, as a number for Virtual Tie Line Service, from one of the subscriber numbers assigned on the ISDN line.

3. Data Entry Instructions

Refer to data sheet in Section 4.

4. Data Sheet

TENANT NUMBER (TN)	STATION NUMBER (STN)	REMARKS

AVTL: Assignment of Virtual Tie Line Data

1. General

This command assigns a schedule for Virtual Tie Line implementation period in Virtual Tie Line Service.

2. Precautions

1. At the time of data setting, assign incoming/outgoing call data synchronously.
2. The maximum input value for Route Number should be the value assigned by ASYD.

After entering the Route Number, check to see if the corresponding Route Data is assigned. If not assigned, ERROR Number (ERR = 0019) is displayed.

Of the Route Class Data, the B-Channel Route is valid only when LSG = 12, and the D-Channel Route is valid only when LSG = 13.

3. Virtual Tie Line service is valid only within the time period designated by the Time Range on the days designated by the Week Range in the period designated by the Date Range.

Example:

```
DATE:    09/01-09/30
WEEK:    MON-FRI
TIME:    8:30-17:30
```

In the case of the above designation, Virtual Tie Line service is valid from 8:30 through 17:30 from Monday through Friday of every week starting from September 1st through September 30th.

4. The entry range (DATE) of the Date Range is within one year.

Example:

```
01/01-12/31:  One year from January 1st to December 31st.
12/01-11/30:  One year from December 1st to November 30th of the following year.
```

5. The Week Range is entered as follows.

Example:

```
MON-FRI:    Five days from Monday to Friday.
SAT-SUN:    Two days from Saturday to Sunday.
MON-MON:    One day if the same Monday is designated.
```

Example: Designation in reverse direction

```
MON-SUN:    Seven days when going back by one week.
TUE-SUN:    Six days when going back by two weeks.
SAT-WED:    Five days when going back by three weeks.
```

AVTL : Assignment of Virtual Tie Line Data

6. When the Date Range is one day, only the starting week is displayed. The relationship between the Date Range and the Week Range is as follows:

Example:

DATE: 11/08 - 11/22
WEEK: MON-WED

In a case where 11/08 is Wednesday and 11/22 is Wednesday two weeks after, in the designated Date Range, 8th is the first Monday. 13th through 15th are Monday through Wednesday of next week, and 20th through 22nd are Monday through Wednesday of the week after next. These seven days are the subject for processing.

7. The Time Range cannot be designated when the end time is earlier than the start time.

Example:

00:10 - 20:00 From 0:10 to 19:59
05:20 - 05:30 From 5:20 to 5:29
10:10 - 09:10 Cannot be designated
10:50 - 10:10 Cannot be designated

3. Data Entry Instructions

KIND OF TIE LINE (TL/SPC) T/S	DATE		PATTERN NUMBER (PTN) 0-15	INCOMING/OUTGOING (IC/OG) I/O	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	LENS OF Dch (D-LENS)	Bch NUMBER (CH) 6/12/18/24
	(MONTH)	(DAY)						

CALLING NUMBER (CALLING) MAX. 24 DIGITS	KEYPAD INFORMATION (KEYPAD) 0/1	CALLED NUMBER (CALLED) MAX. 24 DIGITS	KIND OF SUB ADDRESS (SUB) 0/1	SUB ADDRESS (SUB NO) MAX.12 DIGITS	TIME RANGE	
					START TIME (SH) : (SM)	END TIME (EH) : (EM)
					:	:
					:	:

4. Data Sheet

KIND OF TIE LINE (TL/SPC) T/S	DATE		PATTERN NUMBER (PTN) 0-15	INCOMING/ OUTGOING (OG/IC) O/I	OUTSIDE ROUTE NUMBER (RT)	TRUNK NUMBER (TK)	LENS OF Dch (D-LENS)	Bch NUMBER (CH) 6/12/18/24
	(MONTH)	(DAY)						

AVTM: Assignment of Virtual Tie Line Manual

1. General

This command immediately activates Virtual Tie Line.

2. Precautions

This command is used in the following conditions:

- When a failure occurs in a Virtual Tie Line, causing a link release.
- When Virtual Tie Line is needed immediately.

3. Data Entry Instructions

Enter a “Y” for Yes, or a “N” for No.

Y = Activate

N = Not activate

AEVT: Assignment of Virtual Tie Line Data for Event Based CCIS

1. General

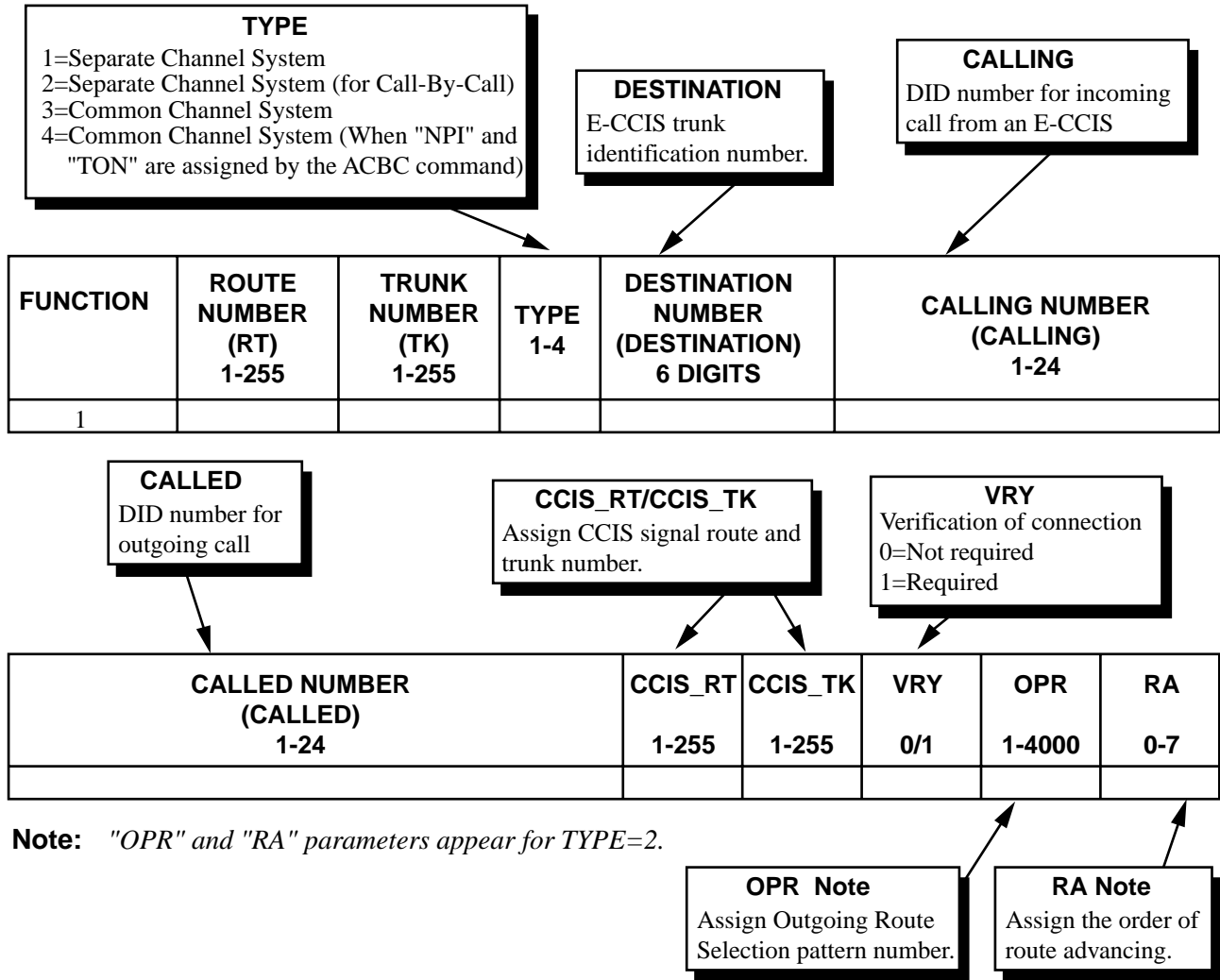
This command assigns Virtual Tie Line data for Event Based CCIS.

2. Precautions

1. When the parameter Verification of Connection (VRY) is assigned as "1," if the Calling party number is not the same as the number assigned in the parameter CALLED, connection is not established.
2. The parameter FUNC = 2 is necessary to activate Event Based CCIS using the private ISDN line.

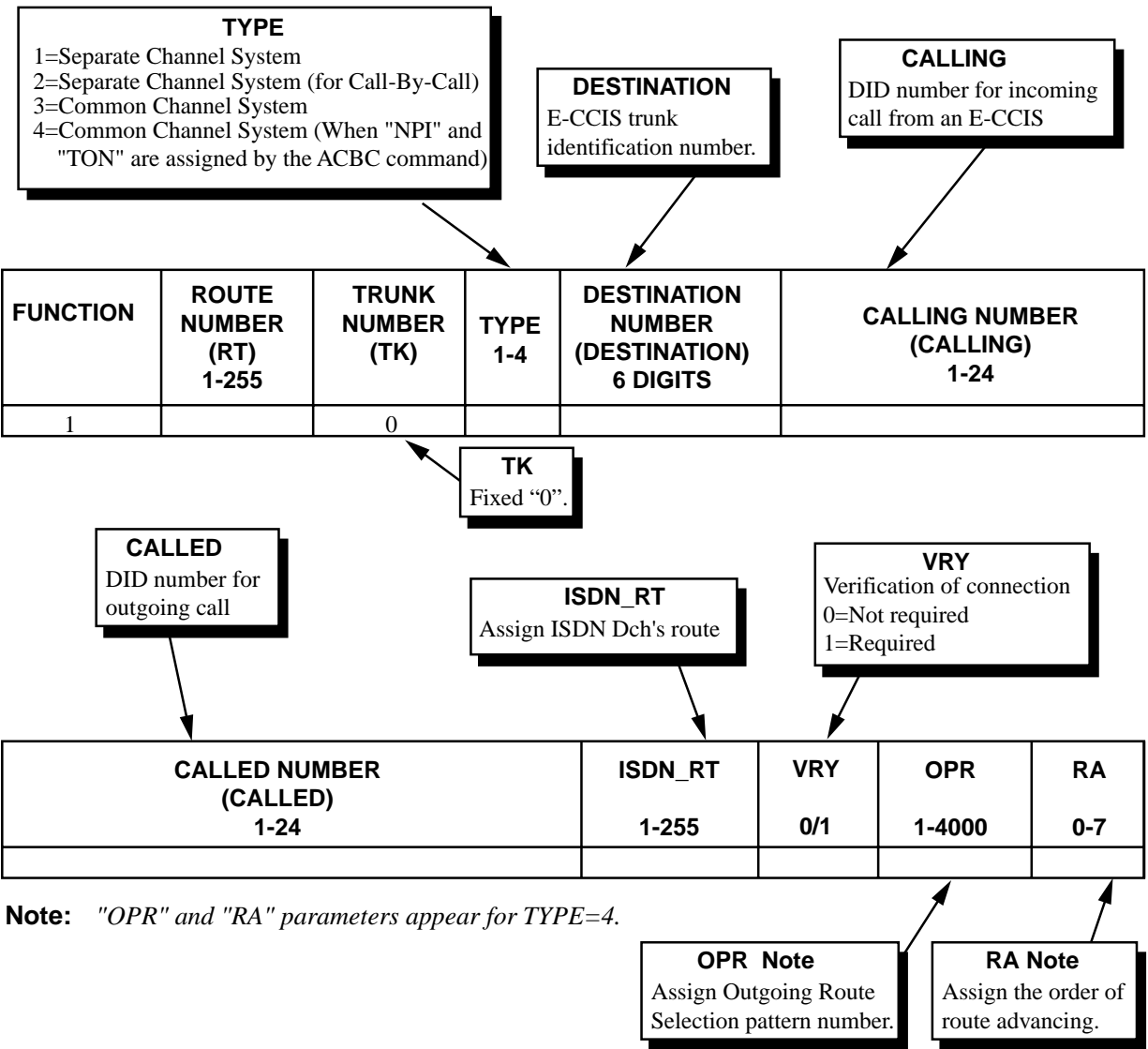
3. Data Entry Instructions

◆ When FUNC=1 and TYPE=1/2 are assigned



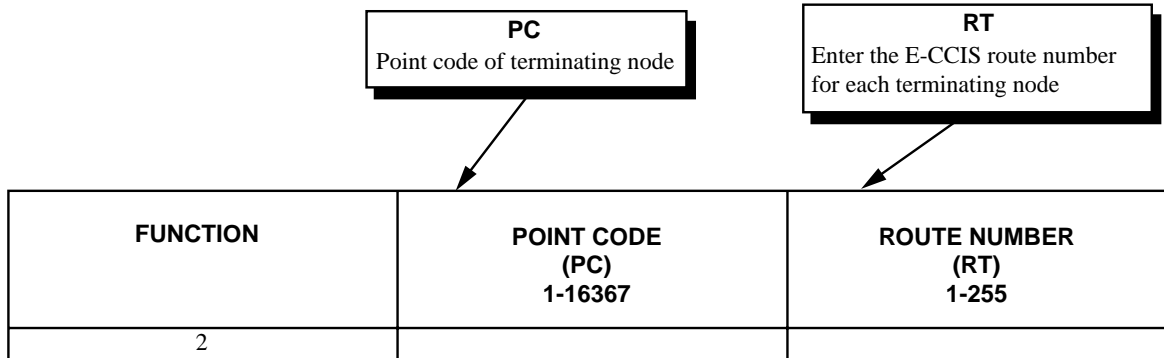
AEVT : Assignment of Virtual Tie Line Data for Event Based CCIS

◆ When FUNC=1 and TYPE=3/4 are assigned



AEVT : Assignment of Virtual Tie Line Data for Event Based CCIS

◆ When FUNC=2 is assigned



AEVT : Assignment of Virtual Tie Line Data for Event Based CCIS

(c) FUNCTION = 2 (E-CCIS RT is set for each terminating node)

POINT CODE (PC) 1-16367	ROUTE NUMBER (RT) 1-255

AITD: Assignment of ISDN Terminal Data

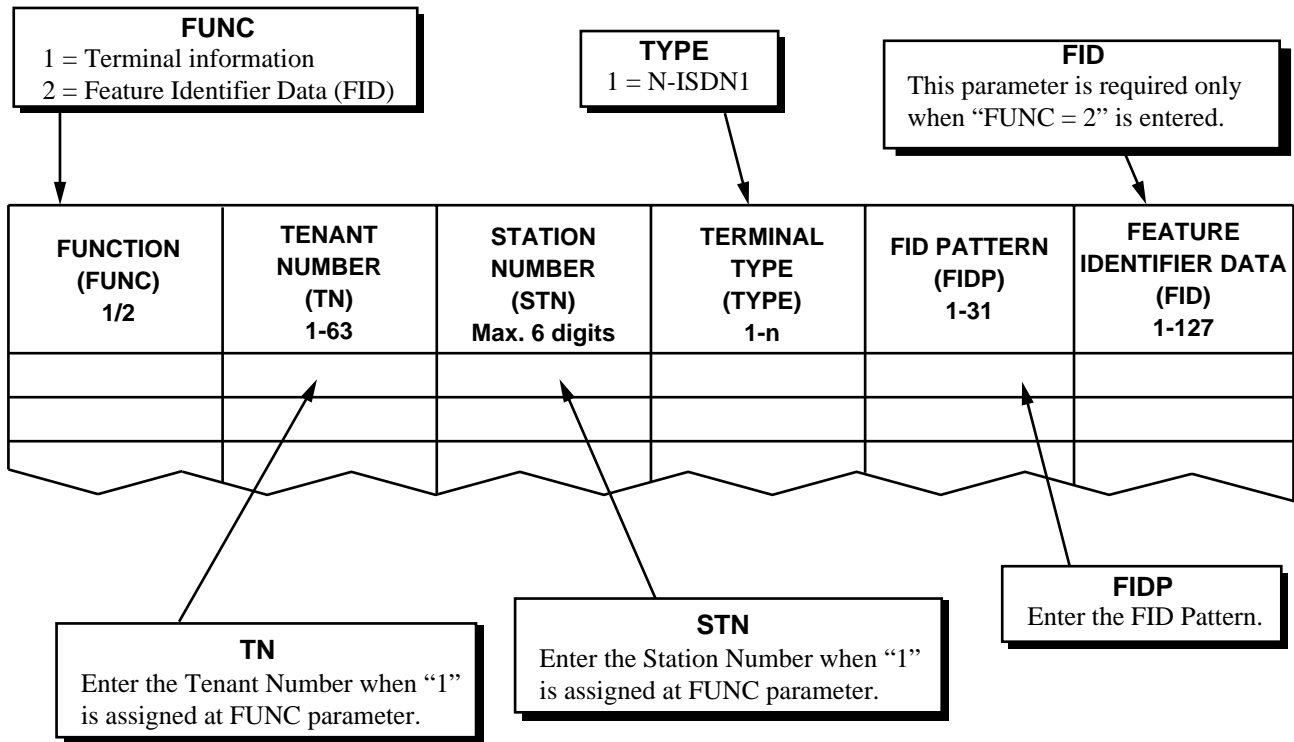
1. General

This command assigns ISDN terminal data and FID to only B1 channel.

2. Precautions

None

3. Data Entry Instructions



AITD_T : Assignment of ISDN Terminal Data – Telephone Number

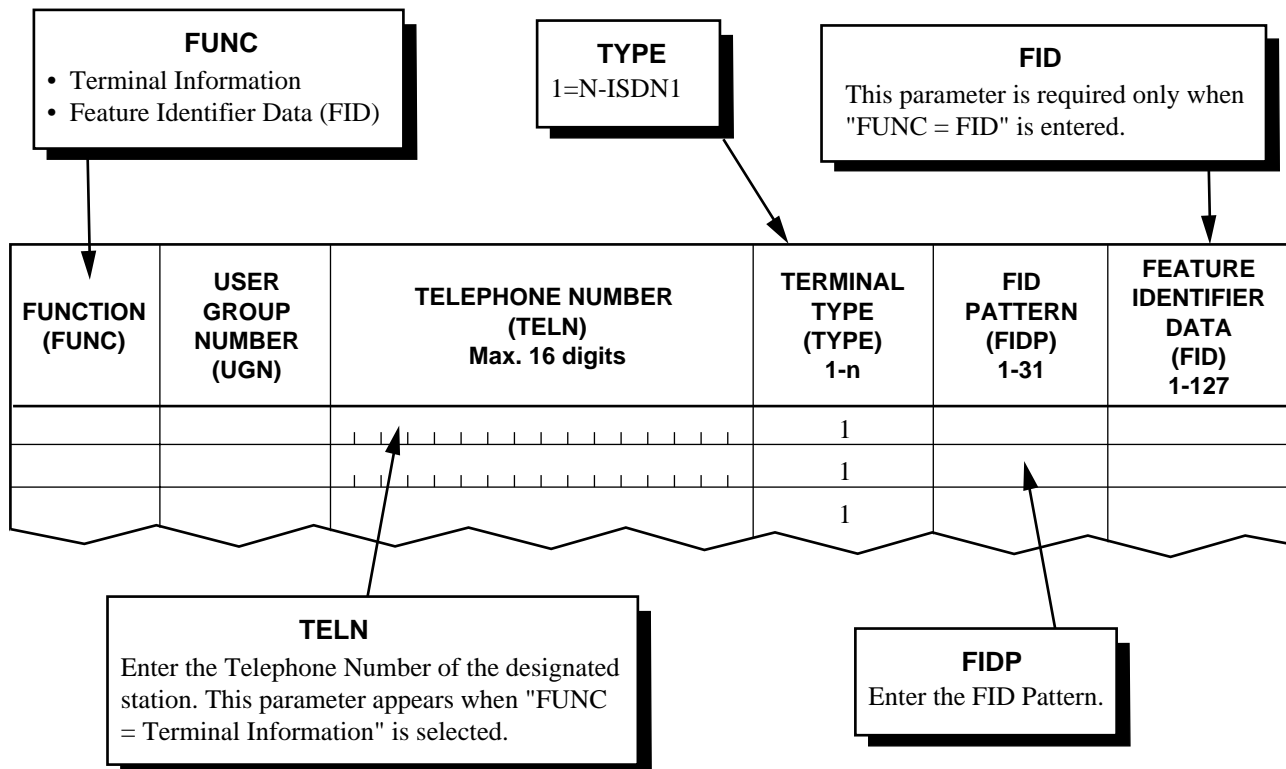
1. General

This command is used to assign ISDN terminal data and FID to only B1 channel. The station data of AITD command can be assigned by using Telephone Number.

2. Precautions

1. Only the Telephone Numbers assigned by the ALGSN command can be used. Telephone Numbers by the ALGSL command is not available in this command.
2. In case logging in to a LN, only the Telephone Numbers allocated to the stations within the logged-in node can be used in this command. Also, when logging in to the NCN, the data memory of the whole nodes in the network is to be written.

3. Data Entry Instructions



4. Data Sheet

FUNCTION (FUNC)	USER GROUP NUMBER (UGN)	TELEPHONE NUMBER (TELN) Max. 16 digits	TERMINAL TYPE (TYPE) 1-n	FID PATTERN (FIDP) 1-31	FEATURE IDENTIFIER DATA (FID) 1-127

ACRD: Assignment of Connection Route Class Data for Local Data Memory

1. General

This command assigns the related data for the connection route used for B-channel and D-channel in the Fusion Network link.

2. Precautions

1. The available connection route numbers are 1-1023.
2. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions

Refer to data sheet in Section 4.

4. Data Sheet

CDN	CONNECTION RT No. (C_RT) 1-1023						
	FUNCTION (FUNC)						
1	TF - Type of Trunk 0-2 = - 3 = Bothway Trunk (BWT)	3	3	3	3	3	3
2	TCL - Trunk Class (Fixed "4") 1-3 = - 4 = Fusion Trunk 5-31 = -	4	4	4	4	4	4
3	RLP - Trunk Release Pattern (Fixed "2") 0-1 = - 2 = First party Release 3 = -	2	2	2	2	2	2
4	SMDR - Detailed Billing Information (Fixed "0") 0 = SMDR is out of service 1 = SMDR is in service	0	0	0	0	0	0
5	LSG - Line Signal 0-11 = - 12 = B-channel 13 = D-channel 14, 15 = -						
6	PAD - PAD control 0 = Depending on the assignment of PAD parameter in ARTD command. 1 = 8 dB for sending, 0dB for receiving. 2 = 4 dB 3 = 8 dB for sending, 12 dB for receiving. 4 = 8 dB 5 = Not used 6 = Not used 7 = 0 dB Standard data = 7 (0 dB)						
7	TRKS - Trunk Selection Sequence 0 = Select from the trunk which becomes idle first 1 = Select from the trunk which becomes idle last	0	0	0	0	0	0
8	TC/EC (Fixed "0") 0 = No MPC/EC 1 = EC 2 = MPC 3 = Not used						

ACRD : Assignment of Connection Route Class Data for Local Data Memory

CDN	CONNECTION RT No. (C_RT) 1-1023						
	FUNCTION (FUNC)						
9	FINT - Fusion Interface Specification 0 = FUSION standard 1 - 15 = -	0	0	0	0	0	0
10	FPEG - Fusion - PEG (Fixed "0") 0 = Nothing of FUSION - PEG 1 = Exist of FUSION - PEG	0	0	0	0	0	0
11	TC - Timer Class (Fixed "0") 0 = Not used 1 = 1 sec 2 = 2 sec 3 = 8 sec 4 = 20 sec	0	0	0	0	0	0
12	MTC - Miscellaneous Timer Counter (Fixed "0") Timer value = (TC) × (MTC)	0	0	0	0	0	0
13	STSEQ - Status ENQ (Fixed "0") Fusion link status check 0 = Available 1 = Unavailable	0	0	0	0	0	0
14	FGH - Fusion Gateway Handler (0 - 1) 0/1 = FCH/FGH						
15	MMN - Kind of Multiple Equipment When CDN 8: TC/EC = 0 (No MPC/EC), data setting for this parameter is not required. 0: TDM 1: MM-Node 2: Not Used 3: Not used						
16	LKIND - Kind of Fusion Link 0: DTI 1: ISW 2: Fusion over IP (Router) 3: IPTRK 4 - 15: Not used						
17	IPLYR - Voice over IP 0: DTI interface 1.5Mbps 1: DTI interface 2.0Mbps						
18	IPTRK - IP Trunk 0: Out of service 1: In service						

AFPD: Assignment of Fusion Tandem PAD Data for LDM

1. General

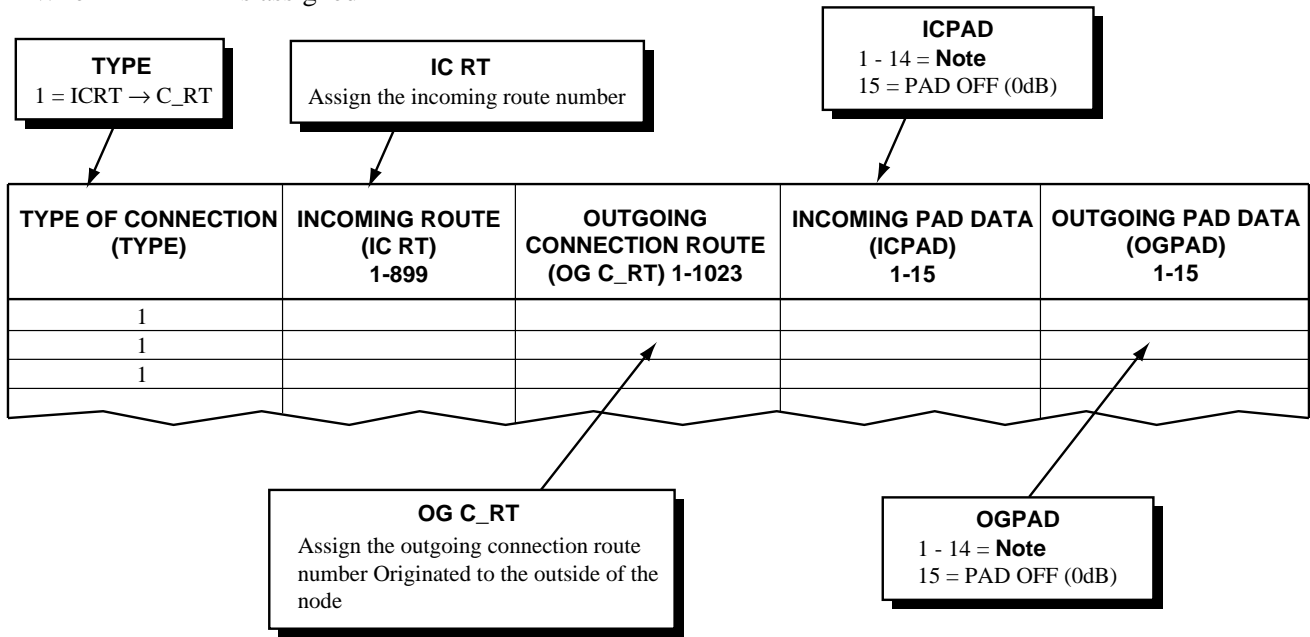
This command assigns PAD data for the connection route.

2. Precautions

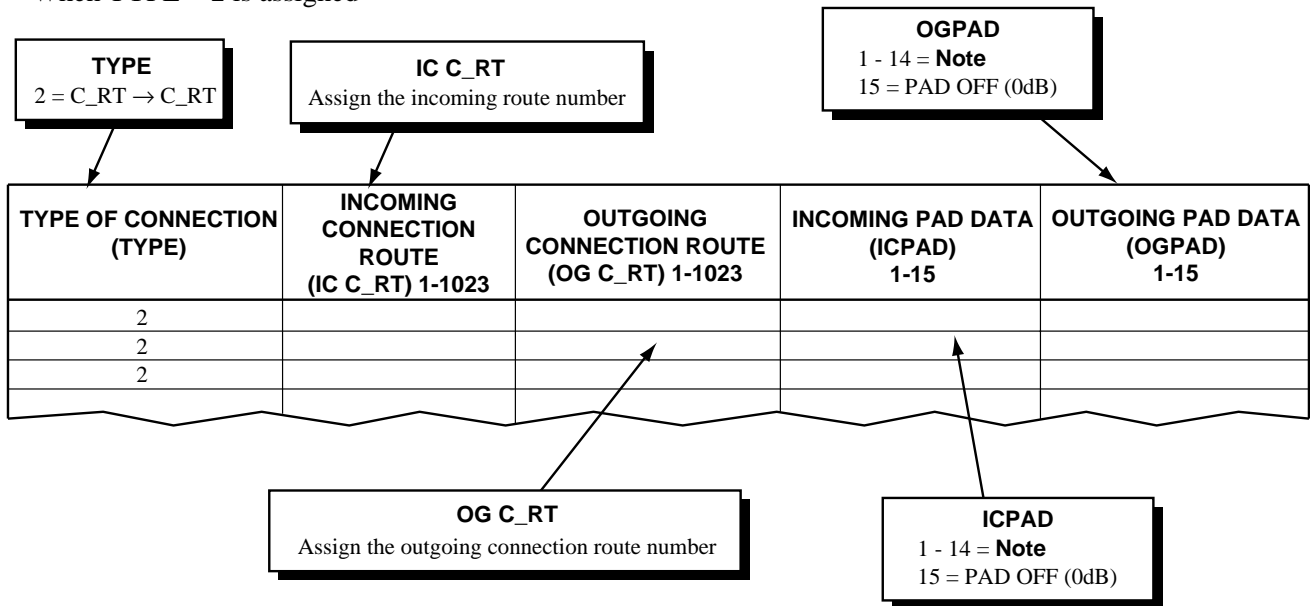
1. This data has priority over the data assigned by PAD in command ACRD.
2. When data is input on this command, the data in the ACRD CDN6: PAD must be “7.”

3. Data Entry Instructions

◆ When TYPE = 1 is assigned



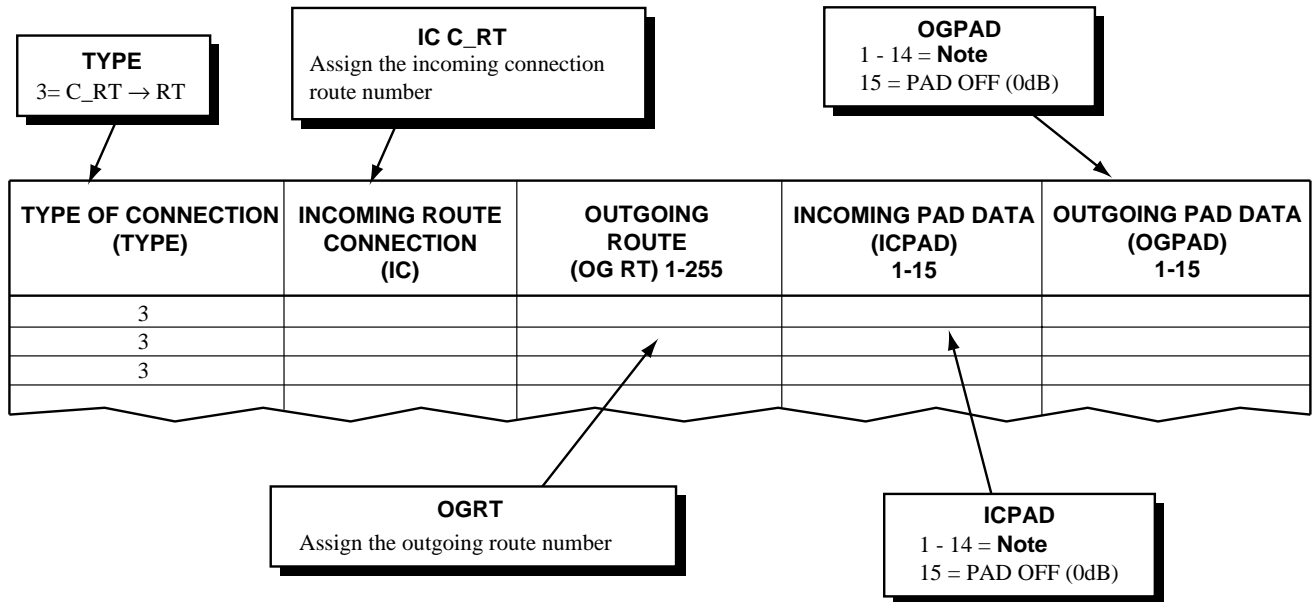
◆ When TYPE = 2 is assigned



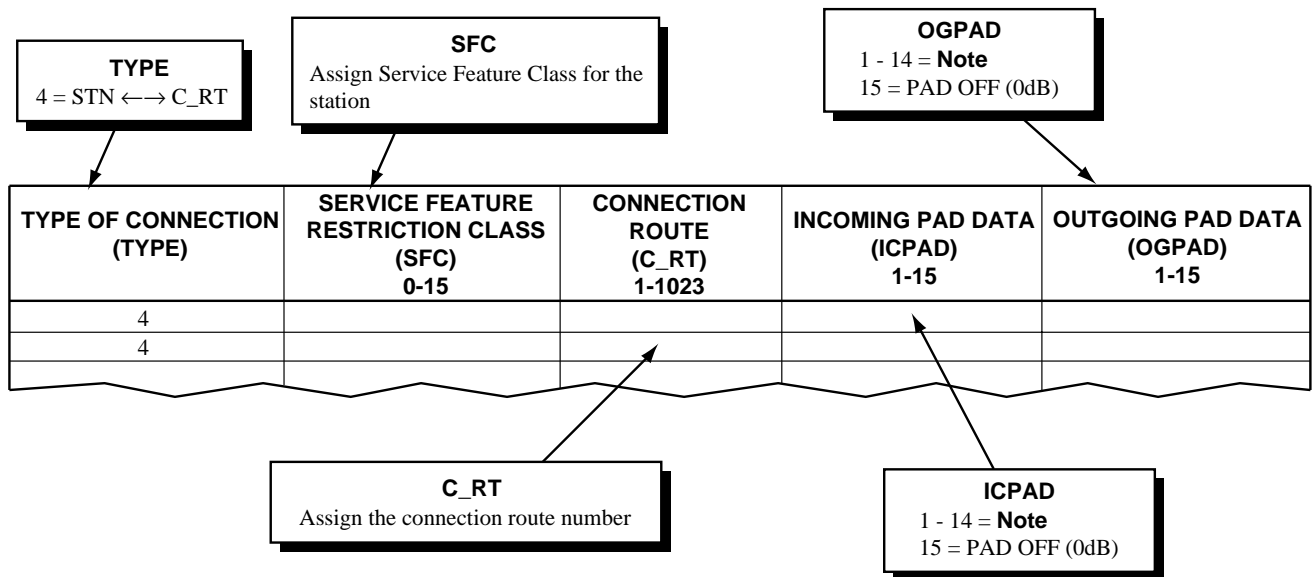
Note: PAD value differs depending on the specification of each circuit card. As to the detail setting of PAD value on each circuit card, refer to the Circuit Card Manual or related system manuals.

AFPD : Assignment of Fusion Tandem PAD Data for LDM

◆ When TYPE = 3 is assigned



◆ When TYPE = 4 is assigned



Note: PAD value differs depending on the specification of each circuit card. As to the detail setting of PAD value on each circuit card, refer to the Circuit Card Manual or related system manuals.

(a) RT → C_RT

TYPE OF CONNECTION (TYPE)	INCOMING ROUTE (IC RT) 1-899	OUTGOING CONNECTION ROUTE (OG C_RT) 1-1023	INCOMING PAD DATA (ICPAD) 1-15	OUTGOING PAD DATA (OGPAD) 1-15
1				
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AFPD : Assignment of Fusion Tandem PAD Data for LDM

(b) C_RT → C_RT

TYPE OF CONNECTION (TYPE)	INCOMING CONNECTION ROUTE (IC C_RT) 1-1023	OUTGOING CONNECTION ROUTE (OG C_RT) 1-1023	INCOMING PAD DATA (ICPAD) 1-15	OUTGOING PAD DATA (OGPAD) 1-15
2				
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AFPD : Assignment of Fusion Tandem PAD Data for LDM

(d) STN ← → C_RT

TYPE OF CONNECTION (TYPE)	SERVICE FEATURE RESTRICTION CLASS (SFC) 0-15	CONNECTION ROUTE (C_RT) 1-1023	INCOMING PAD DATA (ICPAD) 1-15	OUTGOING PAD DATA (OGPAD) 1-15
4				
4				
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ACTK: Assignment of Connection Trunk Data for Local Data Memory

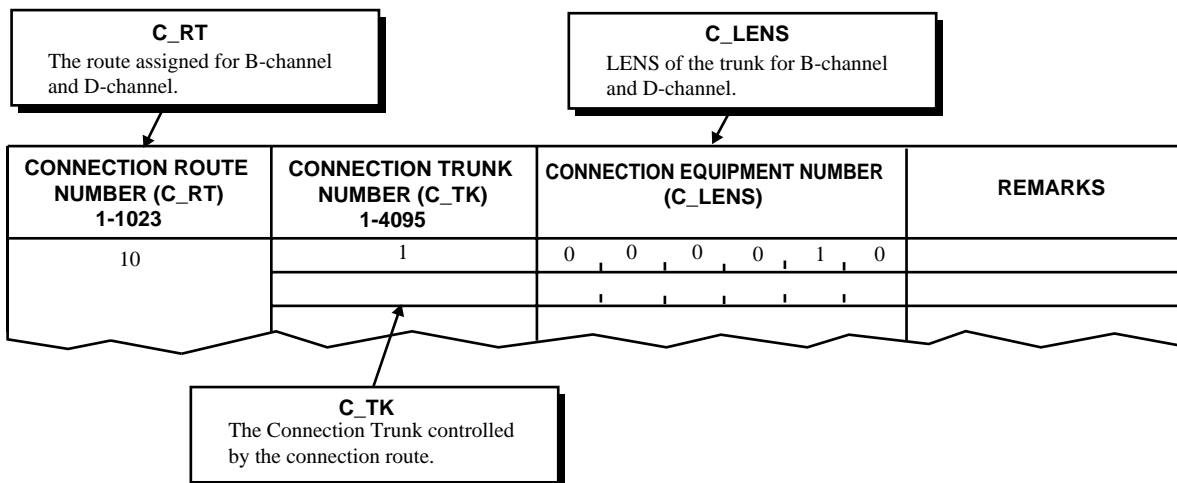
1. General

This command assigns the connection trunk used in the Fusion Network link.

2. Precautions

1. Before executing this command, assign the connection route class data using the ACRD command.
2. The available connection route numbers are 1-1023.
3. The available connection trunk numbers are 1-4095.
4. When assigning the information for D-channel, the switch setting of TS on the FCH card is required.
5. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



ACTKC: Assignment of Connection Trunk Data for LDM

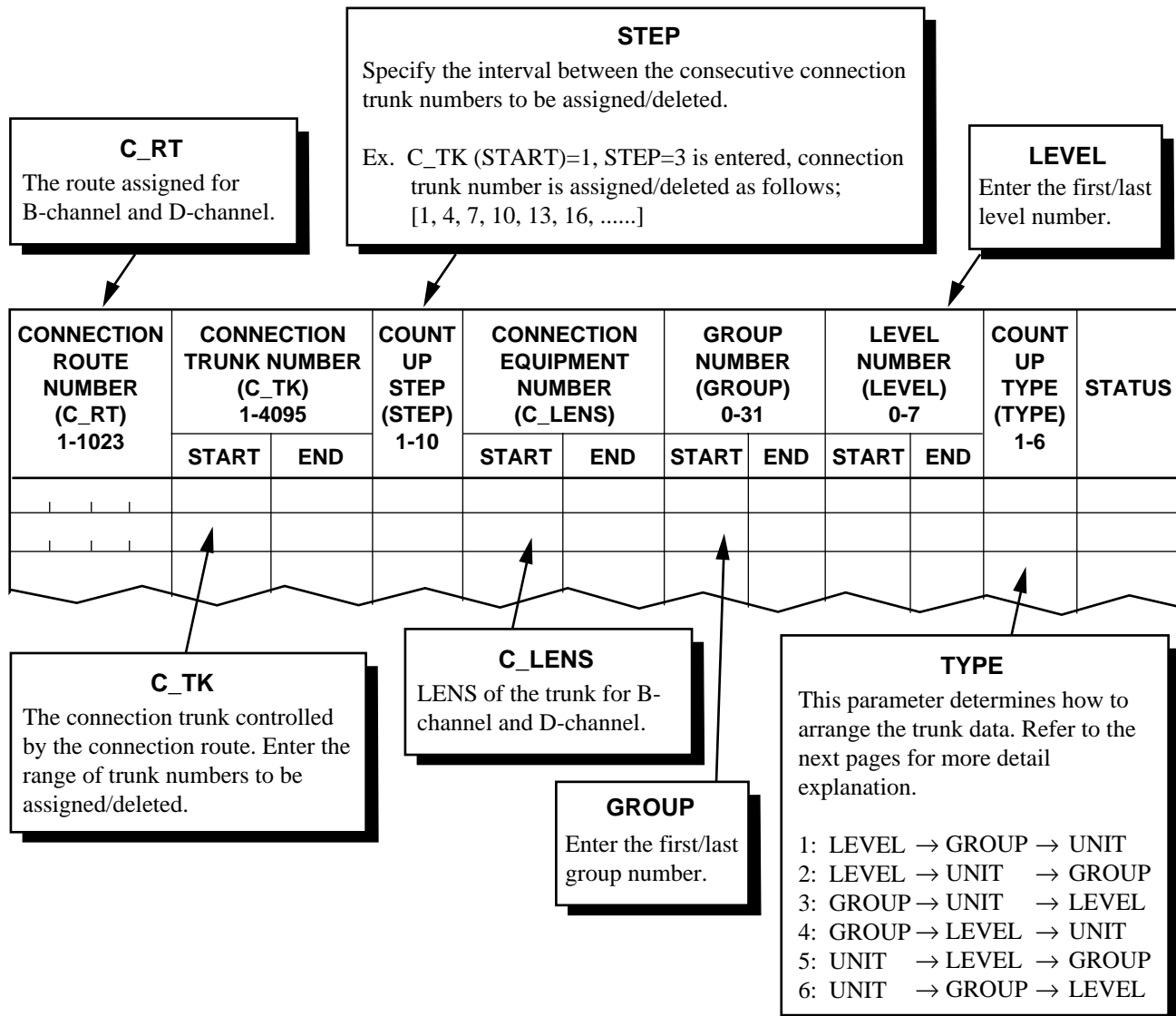
1. General

This command assigns and deletes the connection trunk data for B-channel/D-channel route by designating the range of trunk numbers and LENS.

2. Precautions

1. This command can be used only when the PBX and the MAT are connected in on-line state.

3. Data Entry Instruction



Note 1: When "Delete" is selected in "KIND" box, the data for "C_RT", "C_TK" and "STEP" is required.

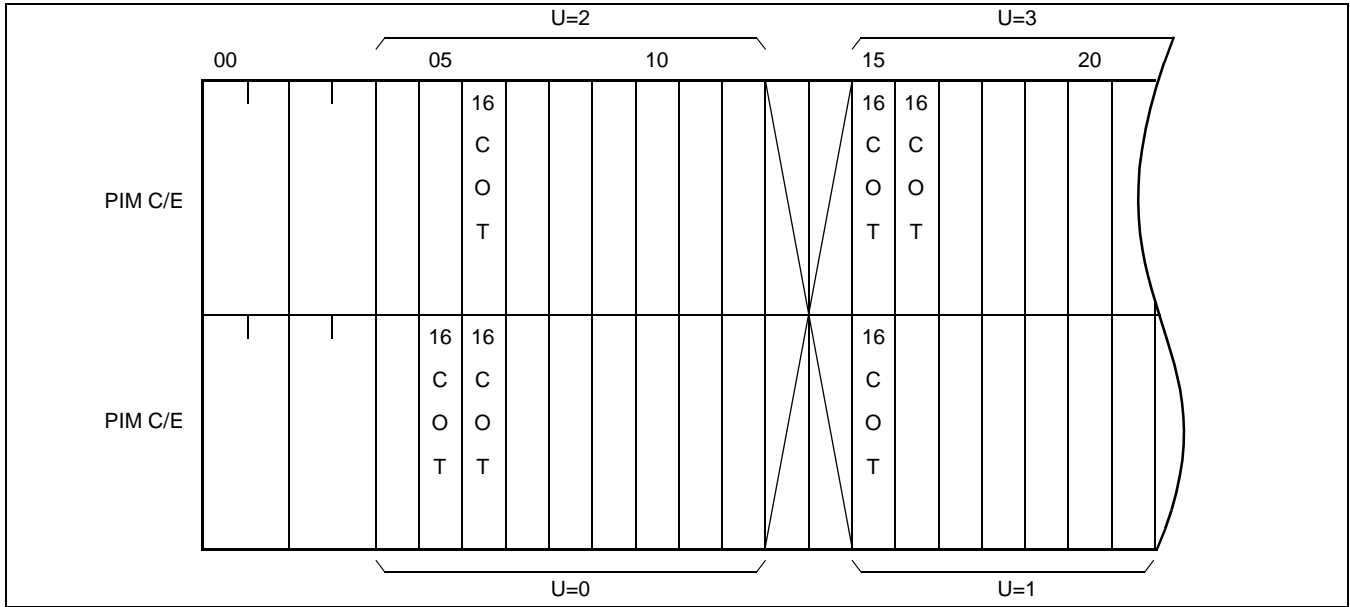
Note 2: When the assignment/deletion is successful, "OK" displays in "STATUS" grid. Otherwise, related error message is provided.

ACTKC : Assignment of Connection Trunk Data for LDM

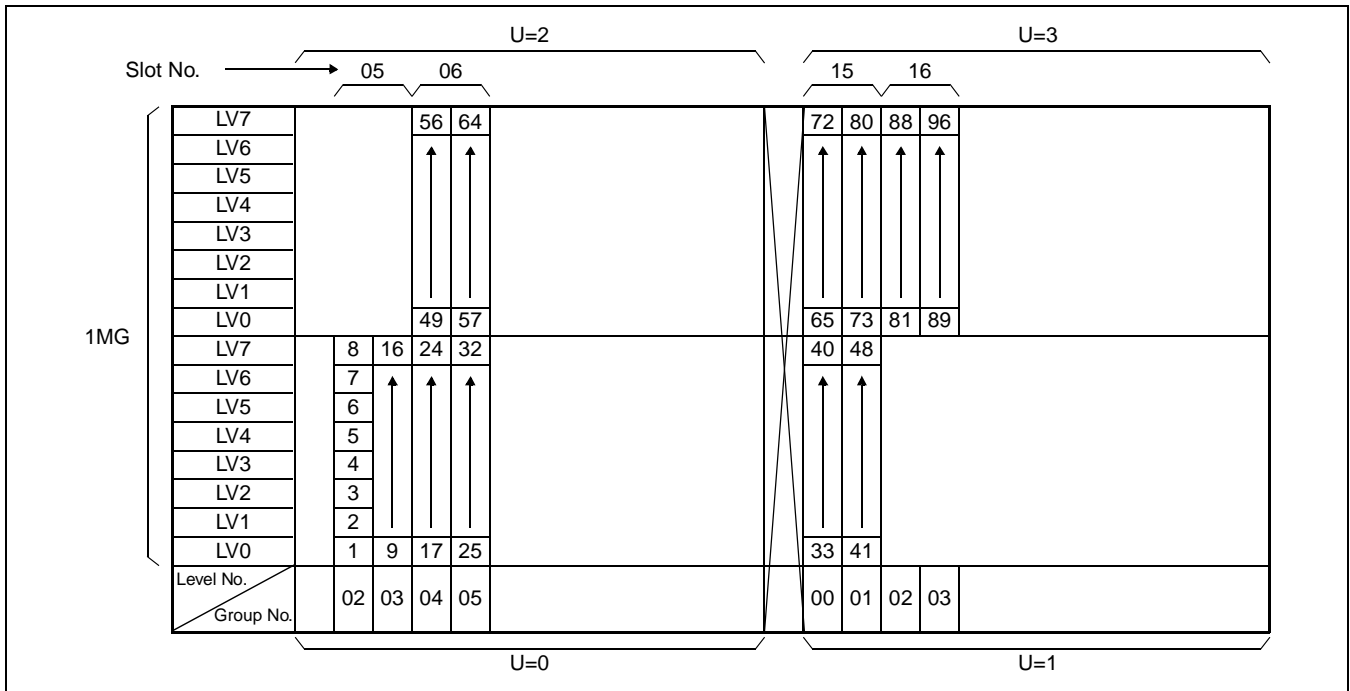
[Details on Trunk Arrangement “TYPE”]

When assigning the consecutive trunk data using the ACTKC command, you must select the trunk arrangement type (1-6) in the “TYPE” parameter.

The following examples apply when the 16 COT circuit cards are accommodated:

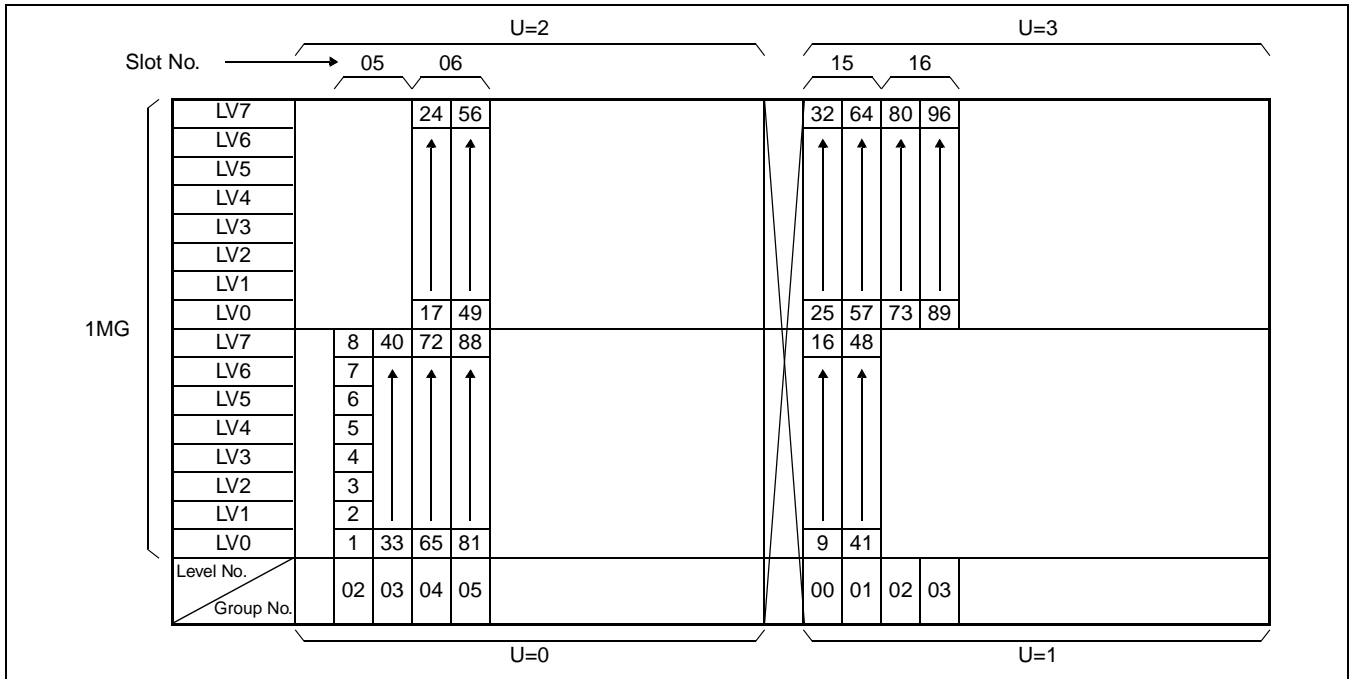


- TYPE=1 (Level → Group → Unit)
Trunk data is arranged in the following numerical order:



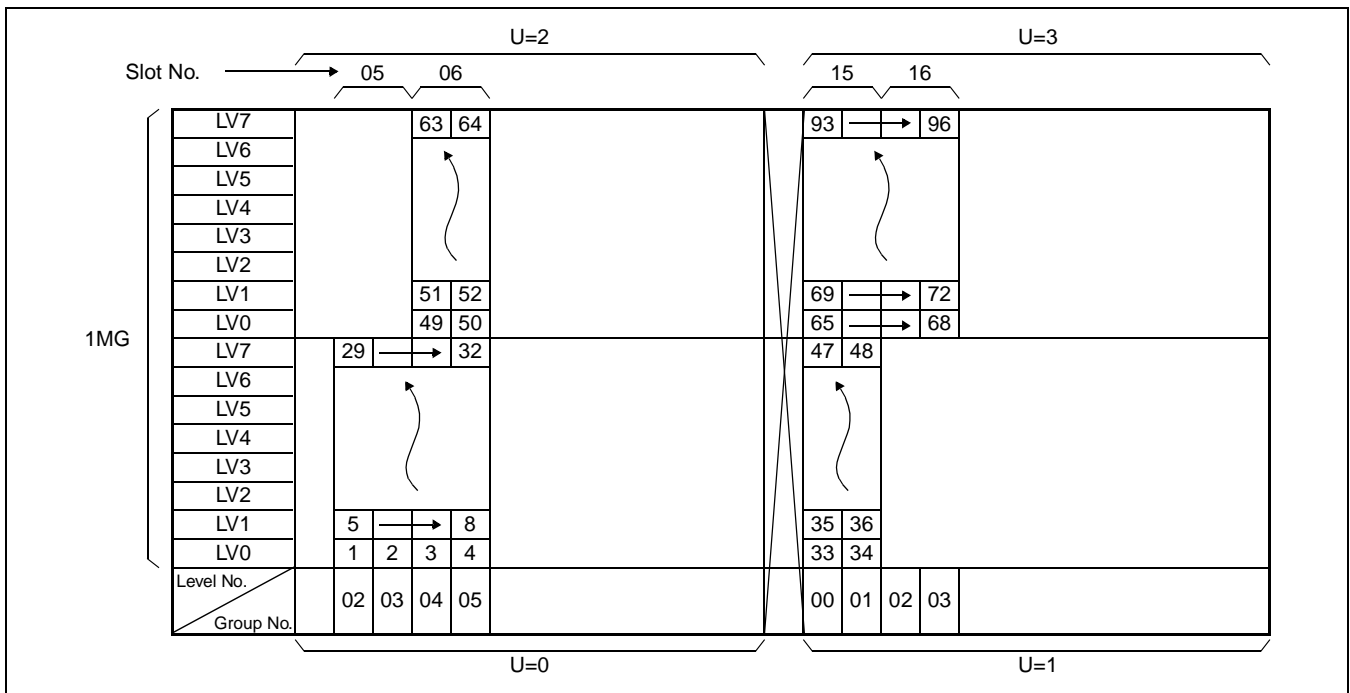
- TYPE=2 (Level → Unit → Group)

Trunk data is arranged in the following numerical order:



- TYPE=3 (Group → Level → Unit)

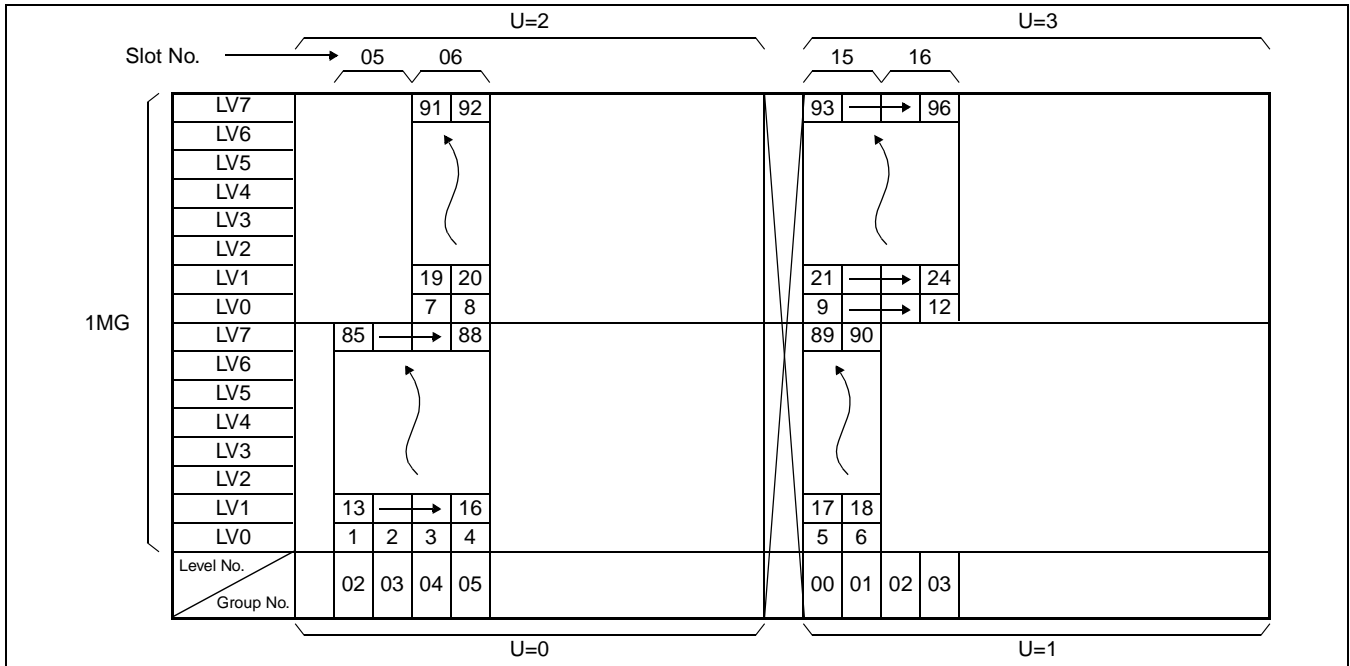
Trunk data is arranged in the following numerical order:



ACTKC : Assignment of Connection Trunk Data for LDM

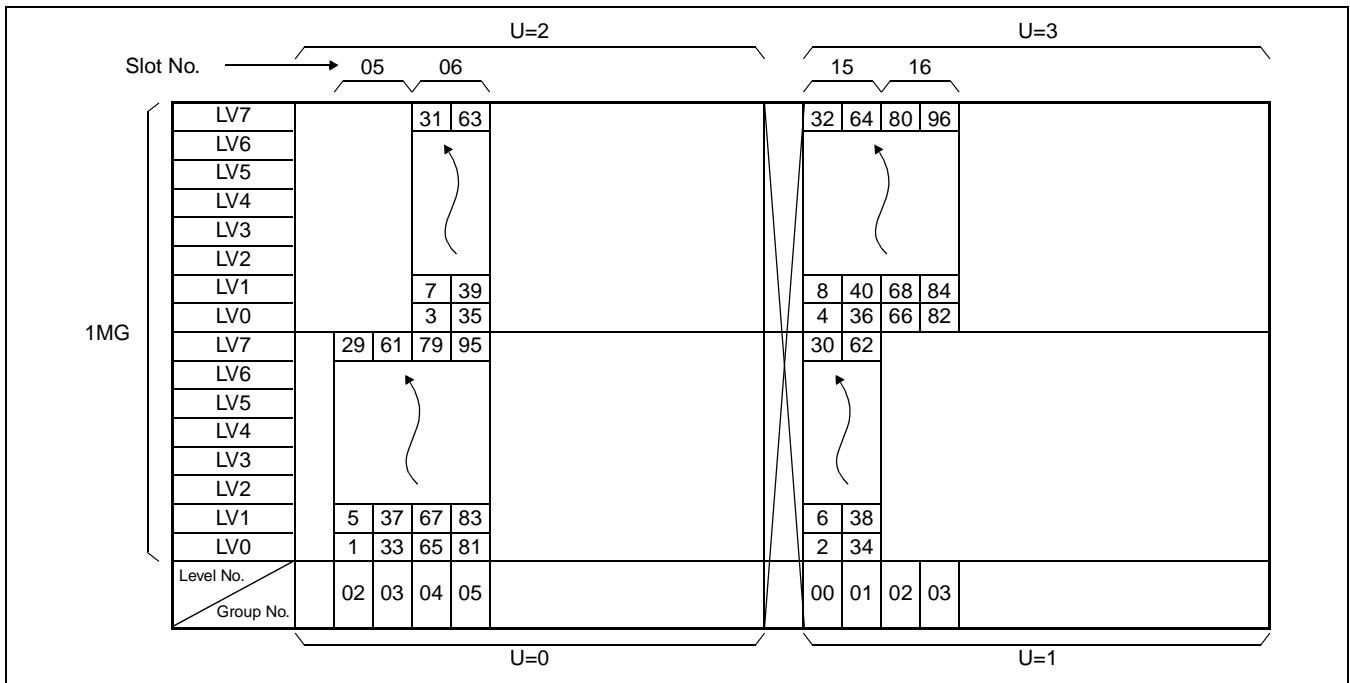
- TYPE=4 (Group → Unit → Level)

Trunk data is arranged in the following numerical order:



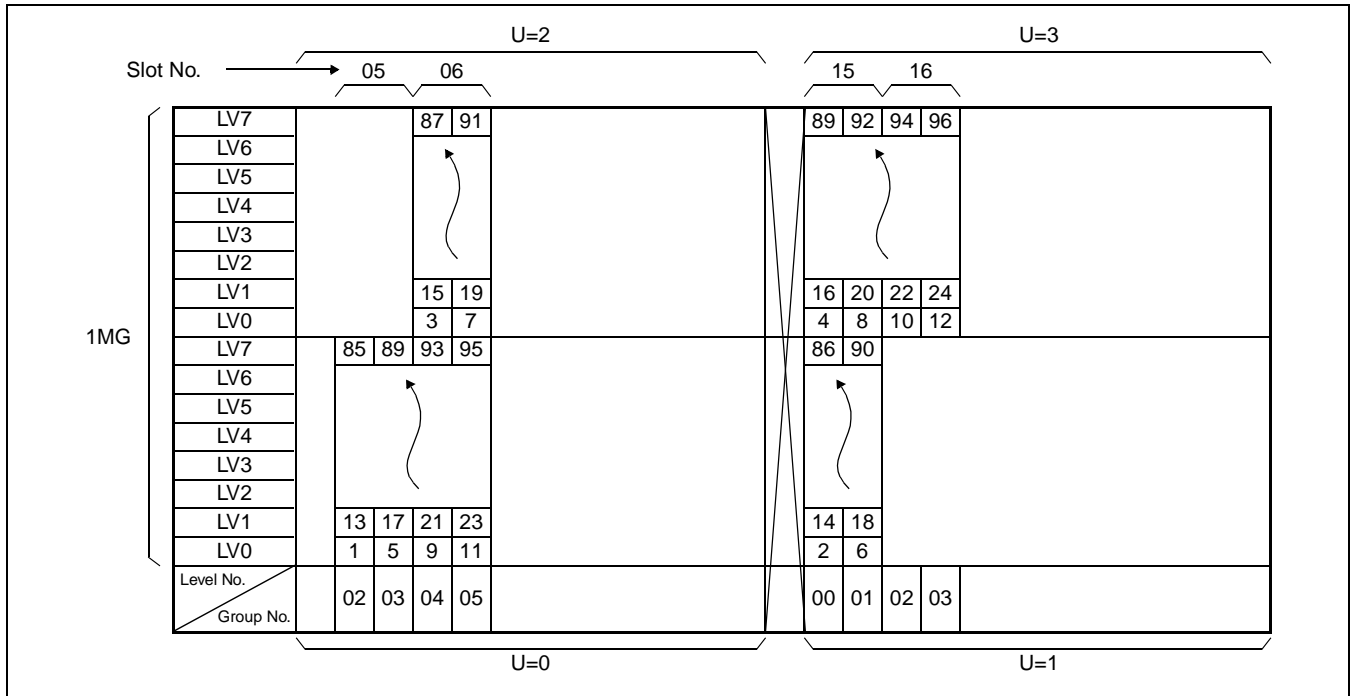
- TYPE=5 (Unit → Level → Group)

Trunk data is arranged in the following numerical order:



- TYPE=6 (Unit → Group → Level)

Trunk data is arranged in the following numerical order:



4. Data Sheet

CONNECTION ROUTE NUMBER (C_RT) 1-1023	CONNECTION TRUNK NUMBER (C_TK) 1-4095		COUNT UP STEP (STEP) 1-10	CONNECTION EQUIPMENT NUMBER (C_LENS)		GROUP NUMBER (GROUP) 0-31		LEVEL NUMBER (LEVEL) 0-7		COUNT UP TYPE (TYPE) 1-6	STATUS
	START	END		START	END	START	END	START	END		

AFCH: Assignment of FCCH Number for Local Data Memory

1. General

This command assigns the FCCH card that provides the D-channel in the Fusion Network link.

2. Precautions

1. Before executing this command, the trunk for D-channel should be assigned by the ACRD/ACTK commands.
2. Use sequential numbers starting from 1 at each node.
3. Assign odd numbers for Group and 0 (zero) for Level in the parameter FCHEN.
4. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions

FCHN
The unique number allocated to the FCH card at each node.

FCHEN
LENS of the FCH card.

FCCH NUMBER (FCHN) 1-255	LENS OF FCCH (FCHEN)				REMARKS
	MG	U	G	L	
1	0	0	2	7	
2	0	0	2	9	
3	0	0	3	1	

Note: FCCH can use Expanded LENS (Group 24 - 31) as well as Physical LENS.

AFCH : Assignment of FCCH Number for Local Data Memory

4. Data Sheet

FCCH NUMBER (FCHN) 1-255	LENS OF FCCH (FCHEN)				REMARKS
	MG	U	G	L	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
				0	
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				0	

AFPC: Assignment of FCCH Routing Data for Local Data Memory

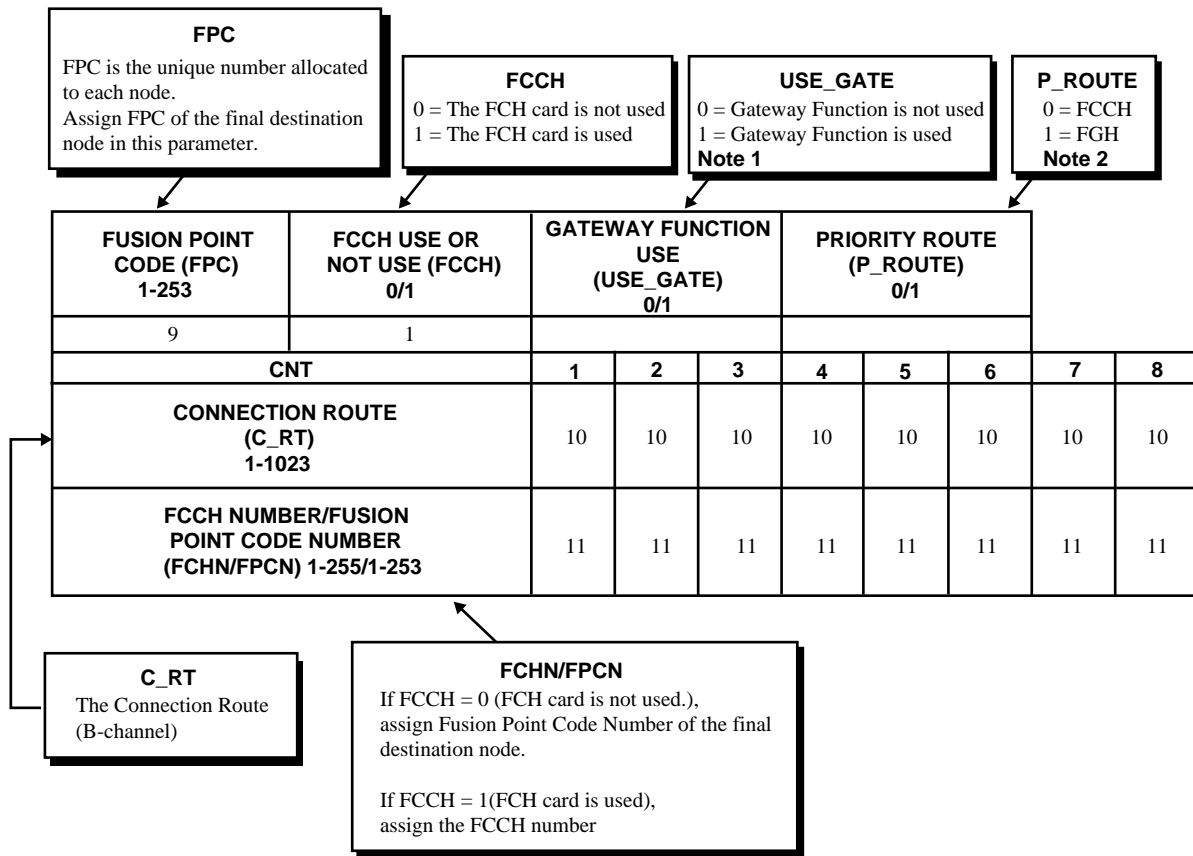
1. General

This command assigns the B-channel and the D-channel data for each FPC.

2. Precautions

1. The maximum number of alternative connection trunks is 8 for 1 FPC.
2. The maximum number of the alternative FCH cards is 8 for 1 destination FPC. (In Fusion Link using the FCH card.)
3. The maximum number of the alternative FPCs is 8 for 1 destination FPC. (In Fusion Link using the LANI card.)
4. When FCCH = 0 (The FCH card is not used), assign the Fusion Point Code Number of the final destination to the parameter FPCN.
5. When FCCH = 1 (The FCH card is used), assign the FCCH number to the parameter FCHN.
6. For more detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



Note 1: "USE_GATE" data is automatically set and this parameter won't appear on the MAT display.

Note 2: It depends on the assignment on P_ROUTE parameter, whether the direct connection or FCH connection routing is selected.

In redundant configuration of internal LAN, #A/#B system changeover is to be activated in case all the routes, both for direct connection and FCH connection, are unable to communicate. According to the P_ROUTE assignment, the route is selected in the following order;

When "0=FCCH" is selected,
 #A direct connection → FCH #A → #B direct connection → FCH #B
 or
 #B direct connection → FCH #B → #A direct connection → FCH #A

When "1=FGH" is selected,
 FCH #A → #A direct connection → FCH #B → #B direct connection
 or
 FCH #B → #B direct connection → FCH #A → #A direct connection

4. Data Sheet

FUSION POINT CODE (FPC) 1-253	FCCH USE OR NOT USE (FCCH) 0/1	GATEWAY FUNCTION USE OR NOT USE (USE_GATE) 0/1				PRIORITY ROUTE (P_ROUTE) 0/1			
		1	2	3	4	5	6	7	8
CONNECTION ROUTE (C_RT) 1-1023									
FCCH NUMBER/FUSION POINT CODE NUMBER (FCHN/FPCN) 1-255/1-253									
FUSION POINT CODE (FPC) 1-253	FCCH USE OR NOT USE (FCCH) 0/1	GATEWAY FUNCTION USE OR NOT USE (USE_GATE) 0/1				PRIORITY ROUTE (P_ROUTE) 0/1			
		1	2	3	4	5	6	7	8
CONNECTION ROUTE (C_RT) 1-1023									
FCCH NUMBER/FUSION POINT CODE NUMBER (FCHN/FPCN) 1-255/1-253									
FUSION POINT CODE (FPC) 1-253	FCCH USE OR NOT USE (FCCH) 0/1	GATEWAY FUNCTION USE OR NOT USE (USE_GATE) 0/1				PRIORITY ROUTE (P_ROUTE) 0/1			
		1	2	3	4	5	6	7	8
CONNECTION ROUTE (C_RT) 1-1023									
FCCH NUMBER/FUSION POINT CODE NUMBER (FCHN/FPCN) 1-255/1-253									
FUSION POINT CODE (FPC) 1-253	FCCH USE OR NOT USE (FCCH) 0/1	GATEWAY FUNCTION USE OR NOT USE (USE_GATE) 0/1				PRIORITY ROUTE (P_ROUTE) 0/1			
		1	2	3	4	5	6	7	8
CONNECTION ROUTE (C_RT) 1-1023									
FCCH NUMBER/FUSION POINT CODE NUMBER (FCHN/FPCN) 1-255/1-253									

Note: "USE_GATE" data is automatically set and this parameter won't appear on the MAT display.

AETH: Assignment of External Router Connection Routing Data for LDM

1. General

This command is used to assign/delete routing data in case the data is transferred via external router.

2. Precautions

None.

3. Data Entry Instructions

DESTINATION FPC (FPC) 1-253	GATEWAY USING FLAG (USE_GATE) 0/1	FCCH NUMBER (FCHN) 1-255	CONNECTION ROUTE (C_RT) 1-1023	DESTINATION IP ADDRESS (DST_IP)	NEXT IP ADDRESS (NEXT_IP)

USE_GATE	FCHN	C_RT
0 = Not use the Gateway function 1 = Use the Gateway function Note	Enter the FCH assigned at AFCH command.	Enter the connection route number of speech channel.

DST_IP	NEXT_IP
Enter the IP address of FGH/IPTRK mounted on the destination node. The data is input in decimal on MAT display.	Enter the IP address of FGH/IPTRK mounted on the intermediary node. The data is input in decimal on MAT display.

Note: "USE_GATE" data is automatically set and this parameter won't appear on the MAT screen

4. Data Sheet

DESTINATION FPC (FPC) 1-253	GATEWAY USING FLAG (USE_GATE) 0/1	FCCH NUMBER (FCHN) 1-255	CONNECTION ROUTE (C_RT) 1-1023	DESTINATION IP ADDRESS (DST_IP)	NEXT IP ADDRESS (NEXT_IP)

ACAN: Assignment of CIC Number Between Adjacent Nodes for Local Data Memory

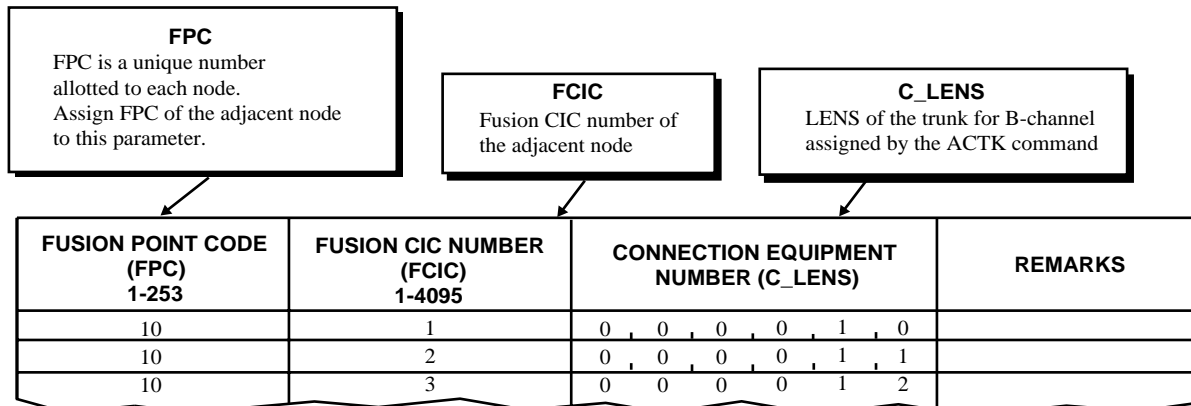
1. General

This command assigns LENS and Fusion Circuit Identification Code (Fusion CIC) numbers on the basis of each Fusion Point Code (FPC).

2. Precautions

1. Before executing this command, confirm that the following assignments have already been completed:
 - (a) LSG: 12 (the ACRD command) is assigned to the B-channel Route to which the Fusion CIC belongs.
 - (b) The trunk data for the Fusion CIC is assigned using the ACTK command.
2. The FCIC given to each B-channel should be identical to the originating node and its adjacent node.
3. The available FCIC (Fusion CIC Number) is 1-4095.
4. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



AFRT: Assignment of FCCH Controlled Connection Route Data for Local Data Memory

1. General

This command assigns the connection route controlling connection trunks for each FCCH number.

2. Precautions

1. Before executing this command, confirm that the following assignments have already been completed:
 - (a) The FCCH number has been assigned by the AFCH command.
 - (b) The Connection Route data has been assigned by the ACRD command.
2. The maximum alternative connection routes for one FCHN (FCCH No.) is 8.
3. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions

FCHN

A unique number allocated to the FCH card at each node

C_RT

Connection Route assigned for B-channel by the ACRD command.

FCCH NUMBER (FCHN) 1-255	CONNECTION ROUTE (C_RT) 1-1023							
	1	2	3	4	5	6	7	8

AGIP: Assignment of Default Gateway IP Address Data for LDM

1. General

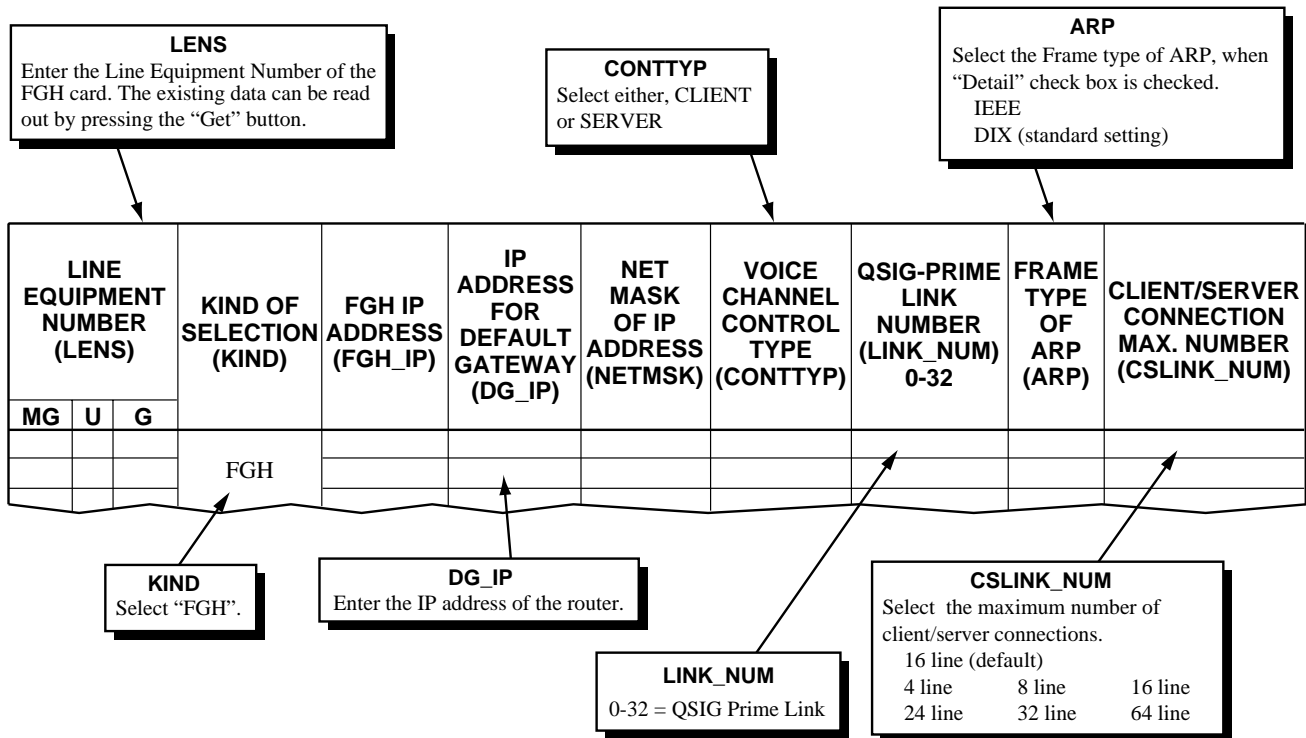
This command is used under FGH controlling to assign/delete the IP address allocated to FGH and IP address of the Router dedicated to FGH.

2. Precautions

1. Enter the LENS data of FGH/IPTRK card, and the existing data is displayed by clicking “Get” button if already assigned. If no data has allocated to the input LENS, assign the data like IP address, Net Mask, etc.
2. It can't be executed to modify the existing data by this command. First delete the existing data, then reassign the new data.

3. Data Entry Instructions

(a) When “KIND=FGH” is selected:



(b) When "KIND=IPTRK (CCIS)" is selected:

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	IP ADDRESS OF IPTRK (IPTRKIP)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (CCIS)						

LENS
Enter the Line Equipment Number of IPTRK card. The existing data can be read out by pressing the "Get" button.

DG_IP
Enter the IP address of the router.

QoS CONTROL
Select the either, IP Precedence/DiffServ

QoS 1/2
0-7: When IP Precedence is selected.
0x00-0x3F: When DiffServ is selected.

KIND
Select "IPTRK (CCIS)".

IRT Note
Maximum 8 routes can be assigned.
(This parameter appears only when MULT=Point to Multi.)

ARP
Select the Frame type of ARP, when "Detail" check box is checked.
IEEE
DIX (standard setting)

KIND OF MULT CONNECTION (MULT) PVC/SVC	IP ADDRESS OF DESTINATION IPTRK (DSTIP)	INCOMING ROUTE (IRT)								NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)
		1	2	3	4	5	6	7	8			

MULT
Point to Point
Point to Multipoint

DSTIP
Enter the IP address of destination IPTRK.
(This parameter appears only when MULT=Point to Point .)

CSLINK_NUM
Select the maximum number of client/server connections.
16 line 4 line
8 line 16 line (default)
24 line 32 line 64 line

AGIP : Assignment of Default Gateway IP Address Data for LDM

(b) When “KIND=IPTRK (CCIS)” is selected (Continued):

RTP	PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST

RTP

Check the “RTP” check box for detail assignment. (Usually default data “0” is set for all the parameters.)

PKGLOSS: Amount of Packet Loss [0%-100%]
JIT_MAX: Maximum Jitter Buffer [0-60 × 10ms]
JIT_MIN: Minimum Jitter Buffer [0-60 × 10ms]
MNGS: Interval of Jitter adjustment [0-255 times]
JIT_COUNT: Interval of Jitter statistics [0-255 second]
BASE_COUNT: Interval of Time-base correction [0-255 second]
JIT_FAST: Judging rate of fast arrived packet [0-100%]
TIME_FAST: Time-base correction Judgment [0-100%]

(c) When “KIND=IPTRK (FCCS)” is selected:

LENS

Enter the Line Equipment Number of IPTRK card. The existing data can be read out by pressing the “Get” button.

QoS CONTROL

Select the either, IP Precedence/DiffServ

KIND

Select “IPTRK (FCCS)”.

DG_IP

Enter the IP address of the router.

QoS 1/2

0-7: When IP Precedence is selected.
0x00-0x3F: When DiffServ is selected.

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	IP ADDRESS OF IPTRK (IPTRKIP)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (FCCS)						

ARP

Select the Frame type of ARP, when “Detail” check box is checked.
IEEE
DIX (standard setting)

CSLINK_NUM

Select the maximum number of client/server connections.
16 line 4 line
8 line 16 line (default)

NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)	RTP							
			PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST

RTP

Check the “RTP” check box for detail assignment. (Usually default data “0” is set for all the parameters.)

PKGLOSS:	Amount of Packet Loss [0%-100%]	0=8% (default)
JIT_MAX:	Maximum Jitter Buffer [0-60 × 10ms]	0=600ms (default)
JIT_MIN:	Minimum Jitter Buffer [0-60 × 10ms]	0=80ms (default)
MNGS:	Interval of Jitter adjustment [0-255 times]	0=5 times (default)
JIT_COUNT:	Interval of Jitter statistics [0-255 second]	0=1 second (default)
BASE_COUNT:	Interval of Time-base correction [0-255 second]	0=10 second (default)
JIT_FAST:	Judging rate of fast arrived packet [0-100%]	0=100% (default)
TIME_FAST:	Time-base correction Judgment [0-100%]	0=50% (default)

AGIP : Assignment of Default Gateway IP Address Data for LDM

(d) When “KIND=IPTRK (H.323)” is selected:

LENS Enter the Line Equipment Number of IPTRK card. The existing data can be read out by pressing the “Get” button.			QoS CONTROL Select the either, IP Precedence/DiffServ		QoS 1/2 0-7: When IP Precedence is selected. 0x00-0x3F: When DiffServ is selected.				
KIND Select “IPTRK (H.323)”.			DG_IP Enter the IP address of the router.						
LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	SELF IP ADDRESS (IPADR)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (H.323)						

ARP Select the Frame type of ARP, when “Detail” check box is checked. IEEE DIX (standard setting)				CSLINK_NUM Select the maximum number of client/server connections. 16 line (default) 4 line 8 line 16 line 24 line 32 line 64 line			
---	--	--	--	---	--	--	--

H.323 SIGNAL CONTROL HANDLER (H.323)	IP ADDRESS OF GATE KEEPER (GT_IP)	PORT NUMBER OF GATE KEEPER (GK_PORT) 0-65535	H.323 ID MAX.24 DIGIT [0-9, #, *]		NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)

RTP	PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST	IP ADDRESS OF NTP SERVER (NTP_IP)

RTP		
Check the “RTP” check box for detail assignment. (Usually default data “0” is set for all the parameters.)		
PKGLOSS:	Amount of Packet Loss [0%-100%]	0=8% (default)
JIT_MAX:	Maximum Jitter Buffer [0-60 × 10ms]	0=600ms (default)
JIT_MIN:	Minimum Jitter Buffer [0-60 × 10ms]	0=80ms (default)
MNGS:	Interval of Jitter adjustment [0-255 times]	0=5 times (default)
JIT_COUNT:	Interval of Jitter statistics [0-255 second]	0=1 second (default)
BASE_COUNT:	Interval of Time-base correction [0-255 second]	0=10 second (default)
JIT_FAST:	Judging rate of fast arrived packet [0-100%]	0=100% (default)
TIME_FAST:	Time-base correction Judgment [0-100%]	0=50% (default)

4. Data Sheet

(a) When "KIND=FGH" is selected:

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	FGH IP ADDRESS (FGH_IP)	IP ADDRESS FOR DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	VOICE CHANNEL CONTROL TYPE (CONTTYP)	QSIG-PRIME LINK NUMBER (LINK_NUM) 0-32	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)	
MG	U	G									
			FGH								

AGIP : Assignment of Default Gateway IP Address Data for LDM

(b) When “KIND=IPTRK (CCIS)” is selected:

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	IP ADDRESS OF IPTRK (IPTRKIP)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (CCIS)						

KIND OF MULT CONNECTION (MULT) PVC/SVC	IP ADDRESS OF DESTINATION IPTRK (DSTIP)	INCOMING ROUTE (IRT)								NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)
		1	2	3	4	5	6	7	8			

AGIP : Assignment of Default Gateway IP Address Data for LDM

(b) When “KIND=IPTRK (CCIS)” is selected (Continued):

RTP	PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST

AGIP : Assignment of Default Gateway IP Address Data for LDM

(c) When “KIND=IPTRK (FCCS)” is selected:

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	IP ADDRESS OF IPTRK (IPTRKIP)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (FCCS)						

NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)	RTP							
			PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST

AGIP : Assignment of Default Gateway IP Address Data for LDM

(d) When “KIND=IPTRK (H.323)” is selected:

LINE EQUIPMENT NUMBER (LENS)			KIND OF SELECTION (KIND)	SELF IP ADDRESS (IPADR)	IP ADDRESS OF DEFAULT GATEWAY (DG_IP)	NET MASK OF IP ADDRESS (NETMSK)	QoS CONTROL	QoS DATA FOR SIGNAL ROUTE (QoS 1) 0-7/0x00-0x3F	QoS DATA FOR SPEECH PATH (QoS 2) 0-7/0x00-0x3F
MG	U	G							
			IPTRK (H.323)						

H.323 SIGNAL CONTROL HANDLER (H.323)	IP ADDRESS OF GATE KEEPER (GK_IP)	PORT NUMBER OF GATE KEEPER (GK_PORT) 0-65535	H.323 ID MAX. 24 DIGIT [0-9, #, *]	NETWORK ID (NETID) 0-15	FRAME TYPE OF ARP (ARP)	CLIENT/SERVER CONNECTION MAX. NUMBER (CSLINK_NUM)

AGIP : Assignment of Default Gateway IP Address Data for LDM

(d) When "KIND=IPTRK (H.323)" is selected (Continued):

RTP	PKTLOSS	JIT_MAX	JIT_MIN	MNGS	JIT_COUNT	BASE_COUNT	JIT_FAST	TIME_FAST	IP ADDRESS OF NTP SERVER (NTP_IP)

AFIP: Assignment of Fusion over IP Data for LDM

1. General

This command assigns the Router Access Number for controlling voice channel between PBX and Router.

2. Precautions

1. At the LENS parameter, the information of DTI card used for voice channel is to be assigned.
2. LENS of voice channel must be set on condition that data "2 (=Fusion over IP)" is assigned at CDN16 parameter of ACRD command.

3. Data Entry Instructions

FCHNO Enter the number of FCH.	LENS Line Equipment Number of voice channel.								
FCH NUMBER (FCHNO) 1-255	LINE EQUIPMENT NUMBER OF FGH (FGHEN)				LINE EQUIPMENT NUMBER OF QSIG-PRIME Bch (LENS)				ROUTER ACCESS NUMBER (RT_ACC) Max. 16 digits
	MG	U	G	LV	MG	U	G	LV	

FGHEN
Enter the first Line Equipment Number of the Group that FGH is assigned.

RT_ACC
Assign the Router Access Number to be recognized by the router.

Note: *LENS and RT_ACC parameters are to be adjusted to the ports of the Router.*

4. Data Sheet

FCH NUMBER (FCHN)	LINE EQUIPMENT NUMBER OF FGH (FGHEN)				LINE EQUIPMENT NUMBER OF QSIG-PRIME Bch (LENS)				ROUTER ACCESS NUMBER (RT_ACC) Max. 16 digits
	MG	U	G	LV	MG	U	G	LV	

ANSDL: Assignment of Number Sharing Data for LDM

1. General

This command assigns and deletes Main Station and Sub Station data for Number Sharing service and Dual Station Call.

2. Precautions

1. This command is used for the Local Node.

3. Data Entry Instructions

LM
 0 = Number Sharing
 1 = Dual Station Call
Note : 1 (Dual Station Call) is valid since Release 5.

MAIN USER GROUP NUMBER (M-UGN)	MAIN TELEPHONE NUMBER (M-TELN) MAX. 16 digits	SERVICE SPECIFICATION (LM) 0/1	SUB USER GROUP NUMBER (S-UGN)

OD
 0 = Only Main Telephone Number is used for SMDR and MCI Mail Box Numbers.
 1 = Both Main Telephone Number and Sub Telephone Number are used for SMDR, MCI and VPS Mail Box Numbers.
Note : When this parameter is set to "0", the mail box for Sub Station must be deleted.

MW
 0 = Message Waiting Control for Main and Sub Telephone Numbers
 1 = Message Waiting Control for Main Telephone Number only

SUB TELEPHONE NUMBER (S-TELN) MAX. 16 digits	OUTPUT EXTERNAL EQUIPMENT (OD) 0/1	MESSAGE WAITING CONTROL (MW) 0/1	TELEPHONE EQUIPMENT NUMBER (INDEX) 1-65535

ANSDN: Assignment of Number Sharing Data for NDM

1. General

This command assigns and deletes Main Station and Sub Station data for Number Sharing service and Dual Station Call service.

2. Precautions

1. This command is used for the Network Control Node.

3. Data Entry Instructions

LM
 0 = Number Sharing
 1 = Dual Station Call
Note : 1 (Dual Station Call) is valid since Release 5.

MAIN USER GROUP NUMBER (M-UGN)	MAIN TELEPHONE NUMBER (M-TELN) MAX. 16 digits	SERVICE SPECIFICATION (LM) 0/1	SUB USER GROUP NUMBER (S-UGN)

OD
 0 = Only Main Telephone Number is used for SMDR and MCI Mail Box Numbers.
 1 = Both Main Telephone Number and Sub Telephone Number are used for SMDR, MCI and VPS Mail Box Numbers.
Note : When this parameter is set to "0", the mail box for Sub Station must be deleted.

MW
 0 = Message Waiting Control for Main and Sub Telephone Numbers
 1 = Message Waiting Control for Main Telephone Number only

SUB TELEPHONE NUMBER (S-TELN) MAX. 16 digits	OUTPUT EXTERNAL EQUIPMENT (OD) 0/1	MESSAGE WAITING CONTROL (MW) 0/1	TELEPHONE EQUIPMENT NUMBER (INDEX) 1-65535

ANSDN : Assignment of Number Sharing Data for NDM

(a) Number Sharing Data Assignment Sheet (Continued)

SUB TELEPHONE NUMBER MAX. 16 DIGITS	OUTPUT EXTERNAL EQUIPMENT (OD) 0/1	MESSAGE WAITING CONTROL (MW) 0/1	TELEPHONE EQUIPMENT NUMBER (INDEX) 1-65535

AUIDN: Assignment of User ID data for NDM

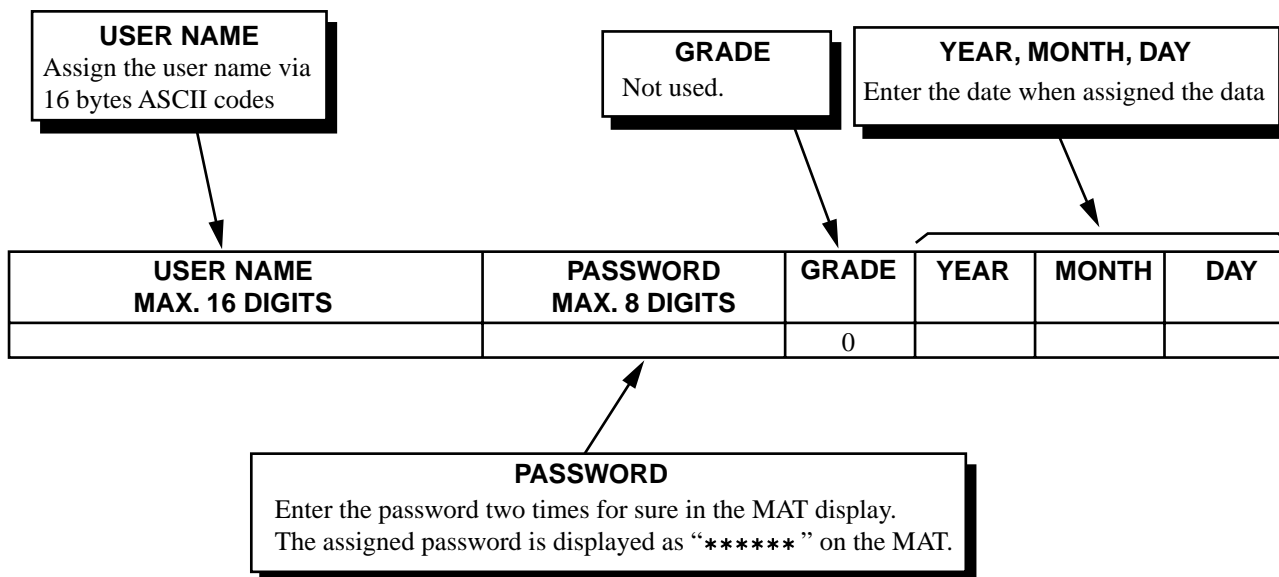
1. General

This command is used to assign the User ID data such as user name and password for the purpose of logging in to PBX by the MAT. Also, a remote LN is allowed to access to the NCN via the User ID data programmed in AUIDN. Once programming the User ID data, User ID data entry is necessary to login from the next time.

2. Precautions

1. Prior to this command, NDM block is assigned at SYS1, INDEX514 in ASYDL.
2. ASCII code is available for "User Name".
3. In case the login information is assigned in NDM data, the data is valid in the whole Fusion network. Data assignment/deletion is activated only in the NCN (Network Control Node).
4. In Fusion Network system, User ID in both LDM and NDM data is available. When the same User ID duplicates in LDM and NDM, only the login information in the NDM data is to be effective.
5. When assigning login information to NDM data, all the User ID in the NCN and LNs is to be checked. If the specified User ID duplicates to the existing one, error message is indicated. If you want to use this User ID in NDM data, it must be deleted from LDM data beforehand.
6. A maximum of 2,047 User ID data can be assigned in NDM data per a Fusion Network. In case login information for both LDM and NDM is assigned by AUIDL and AUIDN command, maximum 2174 User ID data (127 User IDs in LDM + 2047 User IDs in NDM) can be assigned per a Node.

3. Data Entry Instructions



ASYDN: Assignment of System Data in Network Data Memory

1. General

This command specifies the system data for the Fusion network.

2. Precautions

1. The data assigned by this command determines the service condition that affects the other nodes in the Fusion network.
2. Data for ASYDN assigned at Network Control Node (NCN) has priority over data for ASYDL assigned at the Local Node (LN) in the Fusion network.
3. The ASYDN command consists of SYS1, INDEX 0 - 1535.
4. For detailed information, see the NEAX2400 IPX Fusion System Manual.

3. Data Entry Instructions

MDATA

The MDATA parameter designates whether your input data in the parameter DATA is valid or not in the Fusion network. Each bit of MDATA is determined as "1" for valid, "0" for invalid. Then, convert it to Hex. to enter the data in the parameter MDATA.

BIT	b7	b6	b5	b4	b3	b2	b1	b0
DATA	0	0	0	1	0	0	0	0
Hex	1				0			

EX. When "10 Hex." is entered in the parameter DATA and "90 Hex." is entered in the parameter MDATA, both bit4 data and bit7 data affect the Fusion network. (Both "One digit dialing" service and "Warning tone" service are valid in the Fusion network..

BIT	b7	b6	b5	b4	b3	b2	b1	b0
DATA	1	0	0	1	0	0	0	0
(MDATA)	9				0			

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0-1535	DATA (DATA) 00-FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA) 00-FF (Hex)
			DATA 0/1	BIT		
1	70	10	0	b0	Not used	90
			0	b1	Not used	
			0	b2	Not used	
			0	b3	Not used	
			1	b4	One digit dialing (DP Tel) 0/1 = Out of service/In service	
			0	b5	Not used	
			0	b6	Not used	
			0	b7	Warning Tone for Executive Right of way 0/1 = Required/Not required	

DATA

DATA	BIT
0	b0
0	b1
0	b2
0	b3
1	b4
0	b5
0	b6
0	b7

Convert from Binary to Hexadecimal, and enter the Hex. value in the parameter DATA.

BIT	b7	b6	b5	b4	b3	b2	b1	b0
DATA	0	0	0	1	0	0	0	0
Hex	1				0			

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 -1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)	
			DATA 0/1	BIT			
1	0	00			Not used		
	1	1			1		
	3	00			Not used		
	4				b ₀	Control of ORT all Busy Status 0/1 = ROT/Wait for Off-hook Queue	
				0	b ₁	Not used	
					b ₂	Releasing Method for Station-to-Station Calling Service 0 0 = Calling Party release 0 1 = Called Party release	
					b ₃	1 0 = First Party release 1 1 = Both Party release Normally assign “First Party release”	
					b ₄	Temporary Class Conversion and OAI Free Location Memory 0/1 = Not Required/Required Note: <i>When setting outgoing restriction and toll restriction in the CCIS using the caller’s RSC transferred by a call origination from the preceding office, data value “1” is assigned. That destination restriction and number restriction cannot be done using RSC. This data is assigned “1” when the Authorization Code, Call Waiting-Terminating, or EROW service is provided.</i>	
					b ₅	PAD Control of 16LC circuit card (for Station-to-Station Calling only) 0/1: Required/Not Required	
					b ₆	One Burst of Ringing On Call Forwarding (C.F.) phone when C.F. – All Calls service has been assigned (analog phones only). 0/1 = Not Required/Required	
	0	b ₇	Not used				

ASYDN : Assignment of System Data in Network Data Memory

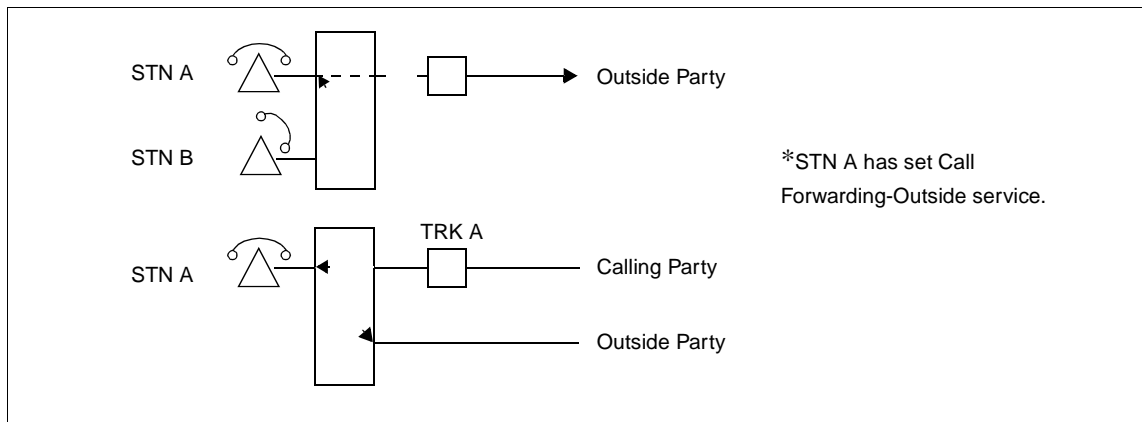
SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 -1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)																		
			DATA 0/1	BIT																				
1	5			b ₀	Access Code for C.F.-Busy Line and C.F.-Don't Answer Services 0/1 = Same/Separate Note: If "0" is assigned, assign either SID: 10 or 12 in the ASPA command.																			
				b ₁	Maximum number of Multiple Call Forwarding - All Calls/ Busy Line occurrences:																			
				b ₂																				
				b ₃	<table style="border: none; width: 100%;"> <tr> <td style="text-align: center;">b₃ b₂ b₁</td> <td style="text-align: center;">b₃ b₂ b₁</td> <td></td> </tr> <tr> <td style="text-align: center;">0 0 0 :]</td> <td style="text-align: center;">1 0 0 :]</td> <td>four times</td> </tr> <tr> <td style="text-align: center;">0 0 1 :]</td> <td style="text-align: center;">1 0 1 :]</td> <td>once</td> </tr> <tr> <td style="text-align: center;">0 1 0 :]</td> <td style="text-align: center;">1 1 0 :]</td> <td>twice</td> </tr> <tr> <td style="text-align: center;">0 1 1 :]</td> <td style="text-align: center;">1 1 1 :]</td> <td>three times</td> </tr> <tr> <td></td> <td></td> <td>five times</td> </tr> </table> Note: This data is valid when SYS-1, INDEX 69, bit7 is assigned as "1."		b ₃ b ₂ b ₁	b ₃ b ₂ b ₁		0 0 0 :]	1 0 0 :]	four times	0 0 1 :]	1 0 1 :]	once	0 1 0 :]	1 1 0 :]	twice	0 1 1 :]	1 1 1 :]	three times			five times
			b ₃ b ₂ b ₁	b ₃ b ₂ b ₁																				
			0 0 0 :]	1 0 0 :]	four times																			
			0 0 1 :]	1 0 1 :]	once																			
			0 1 0 :]	1 1 0 :]	twice																			
			0 1 1 :]	1 1 1 :]	three times																			
					five times																			
	b ₄	Miscellaneous Timer Counter (MTC)	Call Back - Delay Timer																					
	b ₅		Timer Value Setting is MTC × 2 sec.																					
	b ₆	(0 - 7)	When this data is "000," Timer Value is 2 sec.																					
	b ₇		Call Back - Delay Timer 0/1 = Ineffective/Effective																					
6	00		Not used																					
7	00		Not used																					
8			Number of Tenants																					
9			Number of Attendant Consoles 1IMG: 1~16 (01Hex~10Hex) 4IMG: 1~32 (01Hex~20Hex) IPX-U (16IMG): 1~60 (01Hex~3C Hex) Note: When the attendant console/desk console is not used, assign "00H" here.																					
10	00		Not used																					
ι	ι		ι																					
15	00		Not used																					

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 -1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	16			b ₀	1 - digits Station Number 0/1 = Out/In Service	
				b ₁	2 - digits Station Number 0/1 = Out/In Service	
				b ₂	3 - digits Station Number 0/1 = Out/In Service	
				b ₃	4 - digits Station Number 0/1 = Out/In Service	
				b ₄	5 - digits Station Number 0/1 = Out/In Service	
				b ₅	6 - digits Station Number 0/1 = Out/In Service	
			0	b ₆	Not used	
			0	b ₇		
	17			b ₀	This bit (data “1”) allows single line stations to switch hook flash and dial an access code while hearing RBT, to place a voice call to a D ^{term} or activate the D ^{term} 's Message Reminder Key. 0/1 = Out/In Service	
				b ₁	Not used	
				b ₂		
				b ₃		
				b ₄		
				b ₅		
			b ₆			
	b ₇					
18	00			Not used		
19	00			Not used		

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 -1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	20		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
				b ₇	Billing Party for a call transferred by Call Forwarding - Outside Service Note: When "1" has been assigned to b ₇ , the Station Number A (Called Party), as shown in the figure below, is provided to the SMDS equipment. 0 = The Billing Party is the originator of the transferred call. 1 = The Billing Party is the station that has set Call Forwarding - Outside service.	



Note 1: Index 20 Bit 7 = 0 Station B or RT + TRK of Calling Party is provided as originator of call on SMDR output.

Note 2: b₇ = 1 Station A is output as the originator in both cases.

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)	
			DATA 0/1	BIT			
1	21	00			Not used		
	22	00			Not used		
	23	00			Not used		
	24	00			Not used		
	25	00			Not used		
	26	00			Not used		
	27			0	b ₀	Not used	
				0	b ₁		
				0	b ₂		
				0	b ₃		
				0	b ₄		
				0	b ₅		
				0	b ₆		
		0	b ₇	Immediate Ring Back Tone Sending: 0/1 = Not Required/Required			
28	00			Not used			

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	29~32	00			Not used	
	33		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
				b ₃	Telephone Subject to Total Billing (when b ₆ = 1)	
				b ₄	b ₄ b ₃	
					0 0 = Telephone that called first.	
					0 1 = Telephone that called last.	
		1 0 = First telephone after the call has been handled by ATT. 1 1 = Last telephone after the call has been handled by ATT.				
		b ₅	Billing for Transferred Incoming Call 0/1 = Split/Total Billing Note: Total Billing means “telephone that called last.”			
	b ₆	Billing for Transferred Outgoing Call 0/1 = Split/Total Billing Note: Total Billing means “telephone that called last.”				
	b ₇	Not used				
34~40	00			Not used		
41				b ₀ ~b ₆	OG Queuing Override - DDD Seizing Timer (for Fusion Service) Timer Counter (TC) is to be assigned a value from 01 Hex to 7F Hex. Timer Value Setting is (TC) × 30 sec. Note: When this data (TC) is 00 Hex, default data of 3 minutes is set.	
					0		b_{7}	Not used

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)	
			DATA 0/1	BIT			
1	42			b ₀	Not used		
				b ₁	Not used		
				b ₂	Not used		
				b ₃	Not used		
				b ₄	Not used		
				b ₅	Not used		
				b ₆	Not used		
		b ₇	SST, SPDT Tone 0/1 = Continuous/Burst				
	43	00			Not used		
	?	?			?		
	46	00			Not used		
	47				b ₀	Traffic Measurement Indication 0/1 = CCS Indication/Erlang Indication	
				0	b ₁ ~b ₆	Not used	
					b ₇	Traffic Measurement for Terminal and Route Traffic (ATRFN) 0/1 = Out/In service	
	48-58	00			Not used		
	59			0	b ₀	Not used	
				0	b ₁	Not used	
					b ₂	DID Busy Condition 0/1 - Not Tone/ROT	
				0	b ₃	Not used	
				0	b ₄	Not used	
				0	b ₅	Not used	
0				b ₆	Not used		
0				b ₇	Not used		
60			0	b ₀ ~b ₂	Not used		
				b ₃	UCD Queuing - Fusion 0/1 = Available/Unavailable		
			0	b ₄ ~b ₇	Not used		

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)	
			DATA 0/1	BIT			
1	61-64	00			Not used		
	65				Maximum Number of Routes 1-255 = 01FF Hex.		
	66	00			Not used		
	67	00			Not used		
	68				b ₀	Operating method for busy station service (Call Back, Executive Right of Way, etc.) 0/1 = SHF × Access Code/SHF × Access Code and Last Digit × Access Code	
				0	b ₁	Not used	
				0	b ₂	Not used	
					b ₃	OG Trunk Queuing (On-Hook) Automatic Cancel (for Fusion Service) 0/1 = Out/In Service	
				0	b ₄	Not used	
				0	b ₅	Not used	
				0	b ₆	Not used	
				0	b ₇	Not used	
	69			0	b ₀	Not used	
				0	b ₁		
				0	b ₂		
				0	b ₃		
				0	b ₄		
					b ₅	Hunting Group when transferred party is busy (Station Hunting after C.F. - Busy Line) (for Fusion Service) 0 = Hunt in Transferring Party's Group 1 = Hunt in Transferred Party's Group	
				0	b ₆	Not used	
				b ₇	Multiple Call Forwarding - Busy Line/All Calls (for Fusion Service) 0/1 = Out/In Service		

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	70		0	b ₀	Not used	
			0	b ₁		
			0	b ₂		
			0	b ₃		
				b ₄	One digit dialing instead of SHF (DP TEL only) 0/1 = Not Required/Required	
			0	b ₅	Not used	
				b ₆	Announcement Trunks used for Delay Announcement - UCD service (for Fusion Service) 0/1 = Common/Per UCD group	
				b ₇	Send Warning Tone to interrupted parties when Executive Right of Way service is in operation 0/1 = Required/Not Required	
	71			b ₀	Call Back Automatic Cancel Timer Value = TX (× 1H to XFH) × MTC (3.5 minutes)	
				b ₁		
				b ₂			This Timer can be assigned a value from 3.6 minutes to 52.5 minutes.
				b ₃		
			0	b ₄	Not used	
			0	b ₅		
			0	b ₆		
		b ₇	Enable Call Back Automatic Cancel Timer 0/1 = No/Yes			
	72	00			Not used	
	73	00			Not used	
	74	00			Not used	
	75	00			Not used	
76	00			Not used		

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	77		0	b ₀	Not used	
			0	b ₁		
				b ₂	MW Refresh 0/1 = Required/Not Required Note: <i>When message Waiting Lamp is provided, this data should be assigned "0."</i>	
			0	b ₃	Not used	
			0	b ₄		
			0	b ₅		
			0	b ₆		
			0	b ₇		
	78		1	b ₀	Calling and Intermediate Station Number indication (D ^{term} and ATTCON) 0/1 = Out/In Service (Always assign "1.")	
			1	b ₁	Kind of Service Class indication (D ^{term}) 0/1 = Out/In Service (Always assign "1.")	
			1	b ₂	Not used	
			0	b ₃		
			0	b ₄		
			0	b ₅		
			0	b ₆		
	79		0	b ₀	Not used	
			0	b ₁		
				b ₂	Split Call Forwarding Service 0/1 = In/Out Service	
			0	b ₃	Not used	
			0	b ₄		
			0	b ₅		
0			b ₆			
0	b ₇					

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)		
			DATA 0/1	BIT				
1	80	00			Not used			
	?	?			?			
	90	00			Not used			
	91			0	b ₀	Not used		
				0	b ₁			
					b ₂	Grades of System Message that can be registered: $\begin{matrix} b_3 & b_2 \\ \hline 0 & 0 \\ 0 & 1 \\ 1 & 0 \\ 1 & 1 \end{matrix}$ <ul style="list-style-type: none"> = Register All System Message Data = Register System Message Data higher than grade 1 (SUP, MN, MJ) = Register System Message Data higher than grade 2 (MN, MJ) = Register System Message Data higher than grade 3 (MJ) 		
					b ₃			
				0				b ₄
				0				b ₅
				0	b ₆	Not used		
				0	b ₇			
	92~158	00			Not used			
	159				b ₀ ~b ₆	OG Trunk Queuing Automatic Cancel Timer (for Fusion Service): Miscellaneous Timer Counter (MTC) is to be assigned a value from 0 Hex to 7F Hex (0~127).	<p>The duration before the OG Queuing memory becomes cleared if no trunks become idle. Timer Value Setting is MTC × 30 sec.</p> <p>Note: When this data is 00 Hex, default data is automatically set to 30 min.</p> <p>This timer is effective when ASYDN, SYS1, INDEX 68, b₃ = "1."</p>	
					b ₇	Not used		
	160	00			Not used			
161				b ₀ ~b ₅	Not used			
				b ₆	Timing Start using "#" code 0/1 = Ineffective/Effective			
				b ₇	Timing Start using "*" code 0/1 = Ineffective/Effective			

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)	
			DATA 0/1	BIT			
1	162-169				Not used		
	170			b ₀ -b ₃	Not used		
				b ₄	Timing Start 0/1 = Not Required/Required		
				b ₅ -b ₇	Not used		
	171-303				Not used		
	304				b ₀	Individual Speed Calling Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
					b ₁	Call Forwarding Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
					b ₂	Not used	
					b ₃	Name Display Data Save 0/1 = Out/In Service (This data is valid when SYS1, INDEX 90, b ₁ = 1)	
					b ₄	Not used	
					b ₅		
					b ₆		
					b ₇		
	305	00			Not used		
	?	?			?		
	320	00			Not used		
	321			0	b ₀	Not used	
				0	b ₁		
					b ₂	Termination on My Line 0/1 = Not Restricted/Restricted	
				0	b ₃	Not used	
				0	b ₄		
0				b ₅			
0				b ₆			
				b ₇	Voice Call Chime 0/1 = 4/1 Chime		

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)								
			DATA 0/1	BIT										
1	322	00			Not used									
	?	?			?									
	511	00			Not used									
	512	00			Not used									
	513	00			Not used									
	514	01		b ₀	Local Data Memory (LDM) usage. Assign data “1” (the memory block is used) for the corresponding memory block. Note: <i>Necessary data for the programming commands for NDM. When the Network Data Memory is not enough, change the value from 03H → 07H → 0FH → 1FH. Usually 01H is assigned.</i>									
				b ₁										
				b ₂										
				b ₃										
				b ₄										
				b ₅										
				b ₆										
			b ₇	<p>bit Memory Block</p> <table border="1"> <tr> <td>b₀</td> <td>Memory Block #0</td> </tr> <tr> <td>b₁</td> <td>Memory Block #1</td> </tr> <tr> <td>b₂</td> <td>Memory Block #2</td> </tr> <tr> <td>b₃</td> <td>Memory Block #3</td> </tr> <tr> <td>b₄</td> <td>Memory Block #4</td> </tr> </table>	b ₀	Memory Block #0	b ₁	Memory Block #1	b ₂	Memory Block #2	b ₃	Memory Block #3	b ₄	Memory Block #4
	b ₀	Memory Block #0												
	b ₁	Memory Block #1												
b ₂	Memory Block #2													
b ₃	Memory Block #3													
b ₄	Memory Block #4													
515-532				Not used										
533				FPC that accommodates center VND (1~253) Note: <i>Assign the FPC of ACDP accommodated node.</i>										
534-582				Not used.										
583			b ₀ -b ₆	Not used.										
			b ₇	Node that collects the billing of SMDR activated in a Fusion network. 0 = the node accommodating the calling party 1 = the node accommodating the outgoing trunk or the node accommodating the called party										
584-799				Not used.										

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	800		0	b ₀	ALGNN/ALGSN command tenant UGN (User Group Number) table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₁	ASPAN command tenant table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₂	ANPDN command tenant table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₃	APCNN command tenant data table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₄	AFRSN, ASTPN command tenant table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₅	ASTPN command tenant data table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₆	ARSCN command tenant data table development of Network Data Memory (NDM) 0/1 = Separate/Common	
				b ₇	AAEDN command tenant data table development of Network Data Memory (NDM) 0/1 = Separate/Common	
	801-803				Not used	

Example: When a call terminates on a D^{term} from station number 5000/Telephone number 123456789, the D^{term} displays as follows depending on the data settings.

[ASYDN SYS1, INDEX641, bit0=1
 ASYDN SYS1, INDEX672, bit0=0]
 8 digits long maximum when telephone number is displayed on top line.

123456789
 11:20 AM WED 16 APR 97
 MIC DND >>>

[ASYDN SYS1, INDEX672, bit0=1]

123456789
 MIC DND >>>

ASYDN : Assignment of System Data in Network Data Memory

SYSTEM DATA TYPE (SYS)	SYSTEM DATA INDEX (INDEX) 0 – 1535	DATA (DATA) 00 – FF (Hex)	BIT CORRESPONDING DATA		SYSTEM DATA CONTENTS	(MDATA)
			DATA 0/1	BIT		
1	804		0	b ₀ ~b ₂	Not used.	
				b ₃	The number of digit for Internal Zone Paging group ID 0/1 = 2 digits/3 digits	
				b ₄ ~b ₇	Not used.	
	805-863				Not used.	
	864		0	b ₀ ~b ₂	Not used.	
				b ₃	Multiple ACDP 0/1 = Out of service/In service	
			0	b ₄ ~b ₇	Not used.	
	865-869				Not used.	
	870			b ₀	FLF Fusion Service 0/1 = Invalid/Valid	
			0	b ₁ ~b ₇	Not used.	
	871-1535				Not used.	

Example: When a call terminates on a D^{term} from station number 5000/Telephone number 123456789, the D^{term} displays as follows depending on the data settings:

<p>[ASYDN SYS1, INDEX641, bit0=1 ASYDN SYS1, INDEX672, bit0=0]</p> <p>8 digits long maximum when telephone number is displayed on top line.</p>	<div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> <p style="text-align: right;">123456789</p> <p>11:20 AM WED 16 APR 97</p> <p>MIC DND >>></p> </div>
<p>[ASYDN SYS1, INDEX672, bit0=1]</p>	<div style="border: 1px solid black; border-radius: 15px; padding: 10px;"> <p style="text-align: right;">123456789</p> <p>MIC DND >>></p> </div>

AFMU: Assignment of FPC, MG and UNIT for Network Data Memory

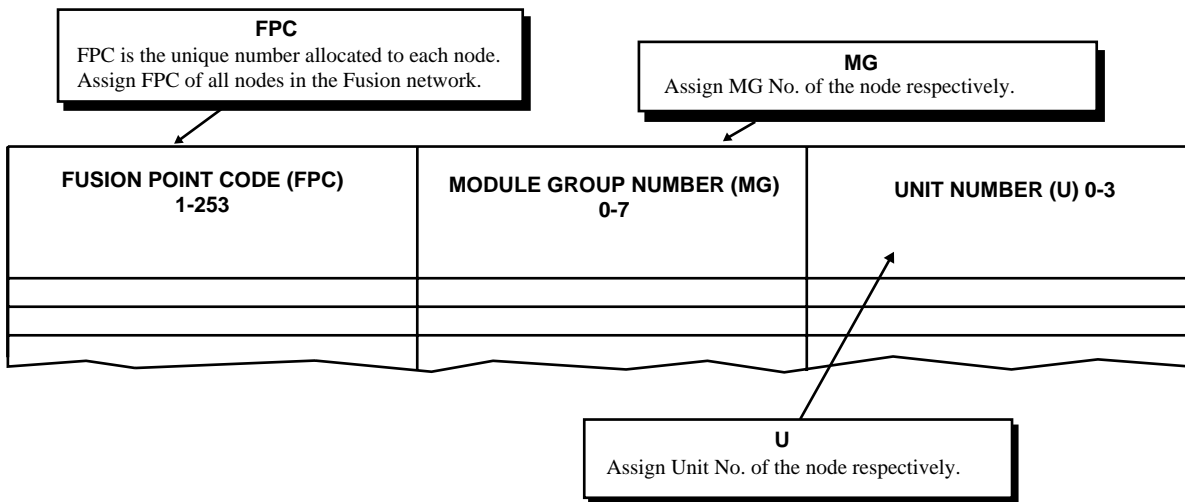
1. General

This command allocates the Network ID (NID) that is the unique location number in the Fusion Network.

2. Precautions

1. NID allocation is required for the Fusion network only.
2. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



ALRTN: Assignment of Logical Route for Network Data Memory

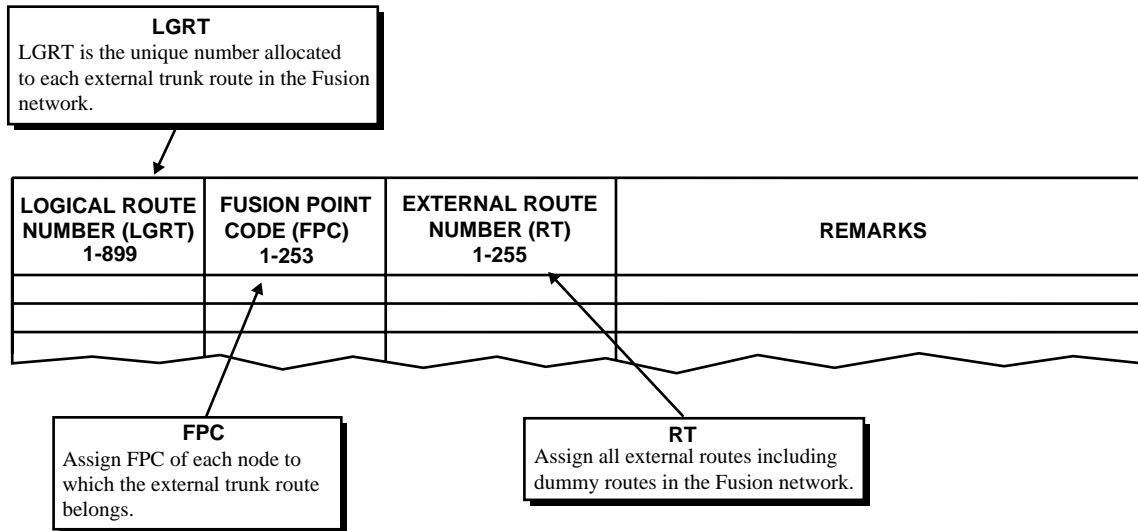
1. General

This command allocates the Logical Route Number that is the unique number of the external trunk route in the Fusion network.

2. Precautions

1. Logical Route Number allocation is required for the Fusion network only.
2. When assigning the data by this command, the Route Class Data (ARTD) and Trunk Application Data (ARTI) for Physical Route are also allocated to Logical Route Data (ARTDN/ARTIN) on the same condition.
3. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



ANPDN: Assignment of Numbering Plan Data for Network Data Memory

1. General

This command assigns the minimum number of digits needed to determine the service (Telephone Number) that is required by the first digit received (pre-translation). The data assigned with this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

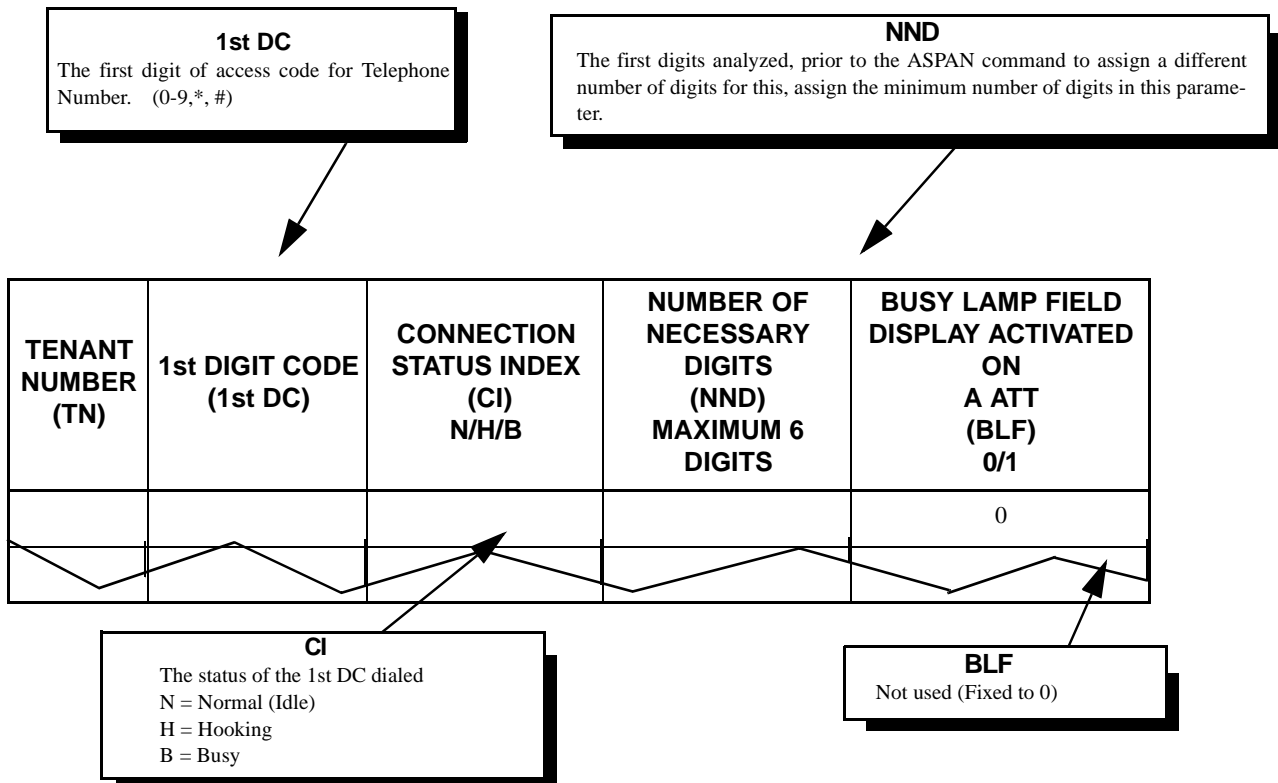
2. Precautions

1. This command is used for the Business Application.
2. The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS 1, INDEX 8.

If the numbering plan is common for all tenants (ASYDN, SYS1, INDEX 800, bit2=1), assign TN parameter as "1" for all tenants.

3. The system data assignment (ASYDN, SYS 1, INDEX 514, bit1=1) is needed to provide the Network Data Memory (NDM).
4. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



ANPDN : Assignment of Numbering Plan Data for Network Data Memory

4. Data Sheet

TENANT NUMBER (TN)	1st DIGIT (1st DC)	CONNECTION STATUS INDEX (CI) N/H/B		NUMBER OF NECESSARY DIGITS (NND)	BUSY LAMP FIELD	REMARKS
	1	N	Normal			
		H	Hooking			
		B	Busy			
	2	N	Normal			
		H	Hooking			
		B	Busy			
	3	N	Normal			
		H	Hooking			
		B	Busy			
	4	N	Normal			
		H	Hooking			
		B	Busy			
	5	N	Normal			
		H	Hooking			
		B	Busy			
	6	N	Normal			
		H	Hooking			
		B	Busy			
	7	N	Normal			
		H	Hooking			
		B	Busy			
	8	N	Normal			
		H	Hooking			
		B	Busy			
	9	N	Normal			
		H	Hooking			
		B	Busy			
	0	N	Normal			
		H	Hooking			
		B	Busy			
	*	N	Normal			
		H	Hooking			
		B	Busy			
	#	N	Normal			
		H	Hooking			
		B	Busy			

ASPAN: Assignment of Special Access Code for NDM

1. General

This command assigns the numbering plan data of the Network Control Node (NCN). The data assigned by this command is written in the Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command is used for the Business/Hotel (for Admin. station only) Application.
2. The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS 1, INDEX 8. If the numbering plan is common for all tenants (ASYDN, SYS1, INDEX 800, bit1 = 1), assign TN parameter as "1" for all tenants.
3. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAX. 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B	KIND OF SERVICE (SRV)

ACC
Access code (Max. 6 digits)

CI
N = Normal service
H = Hooking service
B = Busy service

SRV

SSC = Service code	SSCA = Service code appendix
OGC = Outgoing call	OGCA = Outgoing call with route advance
LCR = Least cost routing	LCRS = Register sender LCR
ANNC = Announcement Service	ANNCM = Announcement Service (Multiple Announcement)
PAGC = Paging Cancel	PAGA = Paging Answer
TELN = Telephone Number	

◆ When SRV= SSC (Service code) -SID2/37/38/39 is assigned

NND1

NND1 appears when SID=15. The number of ADC (Abbreviation Digit Code) digits should be assigned in NND1.

SERVICE INDEX (SID) 1-63	FUSION POINT CODE (FPC)	NECESSARY DIGIT (NND)	NECESSARY DIGIT FOR SPEED CALLING (NND1) 1-24

SID
See Table 4-23

FPC

FPC appears when the following SID is entered.

SID	Number of FPC
2 (Dial Access to Attendant: Operator Call)	1-253
37 Priority Call 1	1-253
38 Priority Call 2	1-253
39 Priority Call 3	1-253

NND

NND appears when the following SID is entered.
NND data is variable depending on SID

SID	Number of digits for NND
15 (Speed Calling-System; Access)	Access Code (1-24)
41 (Account Code Dial)	Access Code+Account Code (1-15)
42 (Authorization Code/Forced Account Code/Pad Lock)	Access Code+Auth. Code (1-15)
60 (Attendant Manual Override)	Access Code (1-5)
63 (Call Park ; Retrieve)	Access Code (1-3)

Table 4-30 SID (ASPAN)

SID	SERVICE NAME	SID	SERVICE NAME
1	Call Hold	30-34	-
2	Dial Access to Attendant (Operator Call)	35*	Call Pickup - Direct
3	Call Back; Entry/ Camp on By Station	36	Hotel Service Note 3
4	Executive Right of Way	37*	Priority Call 1
5	Call Waiting - Originating	38*	Priority Call 2
6	Call Back; Cancel	39*	Priority Call 3
7	Call Pickup - Group	40	-
8*	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Entry Note 1	41*	Account Code Dial
9	Call Forwarding - All Calls/Split Call Forwarding - All Calls (for trunk); Cancel Note 1	42*	Authorization Code/Forced Account Code/Pad Lock; Set
10*	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Entry Note 1	43	Flash Signal Sending to Main office across CAS line
11	Call Forwarding - Busy Line/Split Call Forwarding - Busy Line (for trunk); Cancel Note 1	44	Last Number Call
12*	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Entry Note 1	45	-
13	Call Forwarding - Don't Answer/Split Call Forwarding - Don't Answer (for trunk); Cancel Note 1	46	Faulty Trunk Report
14*	Speed Calling - Station; Entry	47	-
15*	Speed Calling - System; Access	48	Timed Reminder/Automatic Wake-up; Entry
16	Trunk Answer from Any Station (TAS)	49	Timed Reminder/Automatic Wake-up; Cancel
17*	Individual trunk access	50-55	-
18	-	56	Floor Service Note 4
19	Out Going Trunk Queuing; Entry	57	Split Access (Same Number Access) Note 5
20	Out Going Trunk Queuing; Cancel	58, 59	-
21*	Speed Calling - Station, Group; Access	60*	Attendant Manual Override
22-27	-	61	Call Park; Entry
28	Call Forwarding I'm here; Set	62	Call Park; Local Retrieve
29	Call Forwarding I'm here; Cancel	63*	Call Park; Remote Retrieve

Note 1: When Split Call Forwarding is in service (the command ASYDN, SYS1, INDEX79, bit2 = 1), this access code is used for Split Call Forwarding service. The access codes for Call Forwarding service are specified by SRV = 3 (SSCA), SIDA 86-89.

Note 2: The access code for the services marked * on Table 4-23 must be assigned with the same number of digit, if the access code begins using the same number. It is not available to assign different number of digit for the access codes (i.e. access code "100" and "10" cannot coexist) in these services.

ASPAN : Assignment of Special Access Code for NDM

Note 3: When SRV = SSC (Service code), SID36 (Hotel Service) is assigned

SERVICE INDEX (SID) 1-63	STATE
36	

STATE (Hotel Service Code)	
1	To be cleaned without ID code
2	Cleaning Completed without ID code
3	Ready for Occupancy without ID code
4	Use Not Allowed without ID code
5-8	-
9	Maid Dial Answer Back without ID code-1
10	Maid Dial Answer Back without ID code-2
11	Maid Dial Answer Back without ID code-3
12	Maid Dial Answer Back without ID code-4
13	Maid Dial Answer Back without ID code-5
14	Maid Dial Answer Back without ID code-6
15	Maid Dial Answer Back without ID code-7
16	-
17	To be cleaned with ID code
18	Cleaning Completed with ID code
19	Ready for Occupancy with ID code
20	Use Not Allowed with ID code
21-24	-
25	Maid Dial Answer Back with ID code-1
26	Maid Dial Answer Back with ID code-2
27	Maid Dial Answer Back with ID code-3
28	Maid Dial Answer Back with ID code-4
29	Maid Dial Answer Back with ID code-5
30	Maid Dial Answer Back with ID code-6
31	Maid Dial Answer Back with ID code-7
32	-
33	Automatic Wake Up Setting, Cancel; Same Special code
34	For Guest Station Secretary Telephone; Boss/Secretary Calling
35	Boss/Secretary Busy out; Set
36	Boss/Secretary Busy out; Cancel
37	-
38	Automatic Wake-Up-Hotel Attendant Assistance Stop
39	Automatic Wake-Up-Hotel Attendant Assistance Stop Cancel
40	Alert Service Start (Hotel ATT)
41	Alert Service Stop (Hotel ATT)
42	Guest Service Telephone Screen Initialized
43	Guest Service Telephone Guest Room Information Retrieval
44	Direct Data Entry-Station (via Guest Station)
45	Alert Service Start (Special Admin. Station)
46	Alert Service Stop (Special Admin. Station)
47	-
48	2nd Wake-Up Call (Automatic) Set
49	2nd Wake-Up Call (Semi-Automatic) Set
50	2nd Wake-Up Call Cancel
51	Same Special Code Time Zone Connection Change
52	Same Special Code Time Zone Connection Change
53	Same Special Code Time Zone Connection Change
54	Same Special Code Time Zone Connection Change
55	Same Special Code Time Zone Connection Change
56-62	-
63	Dummy Number

Note: STATE=1-15 are used at the time of Maid ID Code Service is not provided;
(ASYD SYS1 INDEX 164, bit3=0)
STATE=17-31 are used at the time of Maid ID Code Service is provided;
(ASYD SYS1 INDEX 164, bit3=1)

For more information about Hotel Service, refer to AASP command.

Note 4: When SRV = SSC (Service code), SID 56 (Floor Service) is assigned

SERVICE INDEX (SID) 1-63	NO.1
56	

NO.1
(Kind of Assignment Number)
Available numbers are 0-15.
This data is used to assign Floor Service data by the ASPF command.
Note: When programming Floor Service data, ASYD SYS1 INDEX 165, bit7=1 must have been assigned.

Note 5: When SRV = SSC (Service code), SID 57 (Split Access) is assigned

SERVICE INDEX (SID) 1-63	NO.2	KIND
57		

NO.2
This parameter specifies the number (0-63) of the access code being assigned for mutual access. This parameter serves as a counter for the access codes being assigned.
Note: This parameter is used when assigning the details of the service by the ASPS command.

KIND: (0-3)
This parameter specifies the Split Access Parameter Classification. The data to be assigned here depends on how the Guest and Administration stations are differentiated.
The Guest and Administration stations may be assigned to separate TNs, RSCs, and/or SFCs, or they may only be differentiated by their respective designations as Administration or Guest.

- 0: Administration/Guest
(Assign this if the access code is to be shared between Guest and Administration with no correspondence to TN, RSC or SFC.)
- 1: TN
(Assign this if the access code is to be shared among specified TNs)
- 2: RSC
(Assign this if the access code is to be shared among specified RSCs)
- 3: SFC
(Assign this if the access code is to be shared among specified SFCs)

For more information about Hotel Service, refer to AASP command.

ASPAN : Assignment of Special Access Code for NDM

- ◆ When SRV=SSCA (Service code appendix) is assigned:

NND

NND appears when SIDA = 97 (Call Hold Conference).
The number of digits for an access code should be assigned in NND.

SERVICE INDEX A (SIDA) 1-255	NECESSARY DIGIT (NND) 1-6

Table 4-31 SIDA (ASPAN)

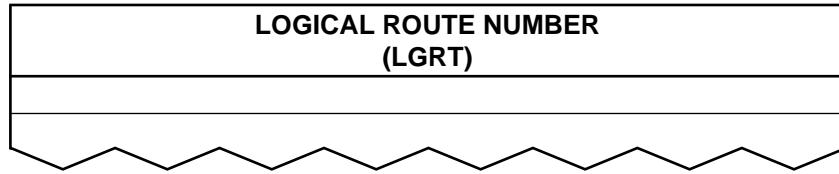
SIDA	SERVICE NAME	SIDA	SERVICE NAME
1-40	-	69-84	-
41	Voice Call	85*	Pad Lock; Cancel
42	Message Reminder (D ^{term})	86*	Call Forwarding-All Calls; Entry Note 1
43-45	-	87*	Call Forwarding-Busy Line; Entry Note 1
46	Line Load Control from ATTCON; Entry	88*	Call Forwarding-Don't Answer; Entry Note 1
47	Line Load Control from ATTCON; Cancel	89	Call Forwarding-All Calls; Cancel Note 1
48	Data Privacy on Demand; Entry Note 2	90	Call Forwarding-Busy Line; Cancel Note 1
49	Data Privacy on Demand; Cancel	91	Call Forwarding-Don't Answer; Cancel Note 1
50*	UCD Busy out; Entry	92-96	-
51*	UCD Busy out; Cancel	97*	Call Hold conference
52	-	98	Internal Zone Paging; Originate
53	Boss Secretary Override	99-105	-
54*	Message Waiting Lamp Setting from ATTCON; Set	106	Call Return
		107	-
55*	Message Waiting Lamp Setting from ATTCON; Cancel	108	Number Sharing; Entry
56	Guest/Admin. Service	109	Number Sharing; Cancel
57-62	-	110	-
63	Call Pickup Expand	111	Call Block (restricts the last calling party's number); Entry
64-65	-	112	Call Block (restricts the dialed number); Entry
		113	Call Block; Cancel
66	Digital Announcement Card Multi-channel Recording; Record	114-115	-
67	-	116	Call Trace
68*	Digital Announcement Card Multi-channel Recording Retrieve	117-255	Not used.

Note 1: This data is valid for Call Forwarding service when Split Call Forwarding is in service. (The command ASYDN, SYS 1, INDEX 79, bit2=1.)

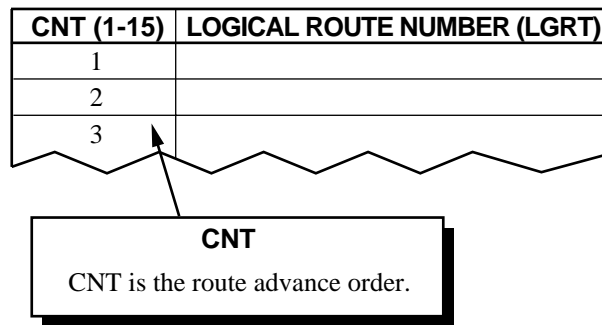
Note 2: This data can be set when CI=N (Normal).

Note 3: The access code for the services marked * on Table 4-24 must be assigned with the same number of digit, if the access code begins using the same number. It is not available to assign different number of digit for the access codes (i.e. access code "100" and "10" cannot coexist) in these services.

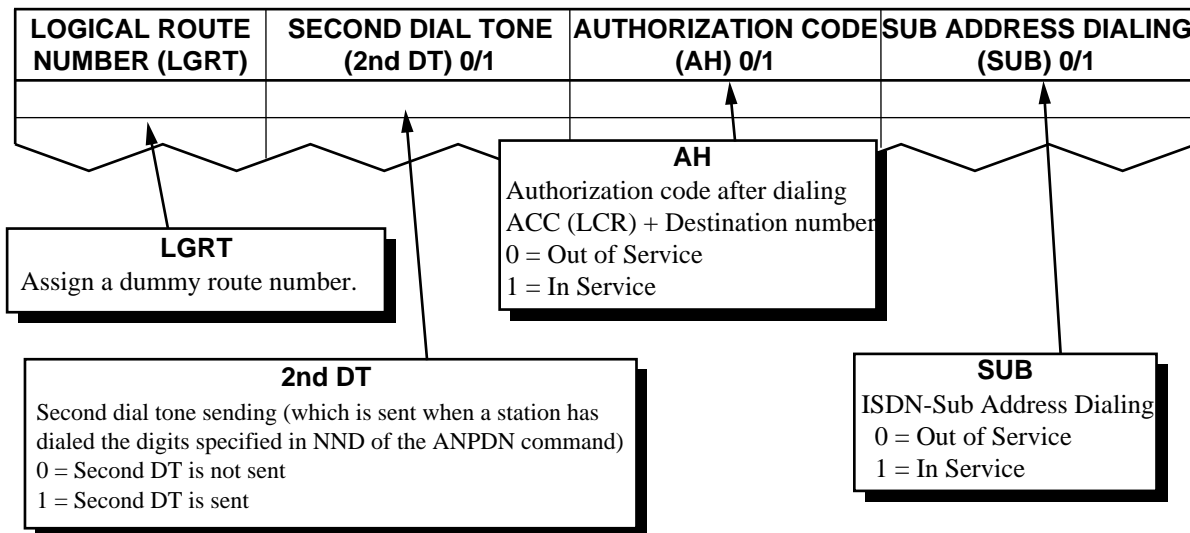
- ◆ When SRV=OGC (Outgoing call) is assigned



- ◆ When SRV = OGCA (Outgoing call with route advance) is assigned

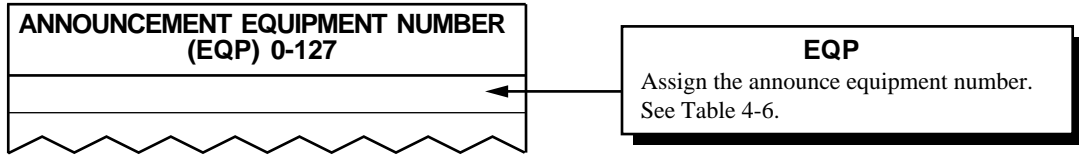


- ◆ When SRV = LCR (Least cost routing) is assigned
- ◆ When SRV = LCRS (Register sender LCR) is assigned

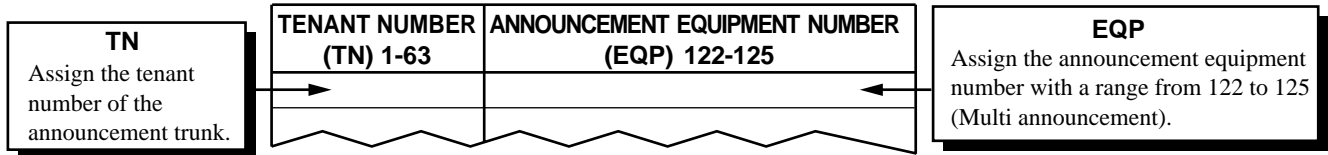


ASPAN : Assignment of Special Access Code for NDM

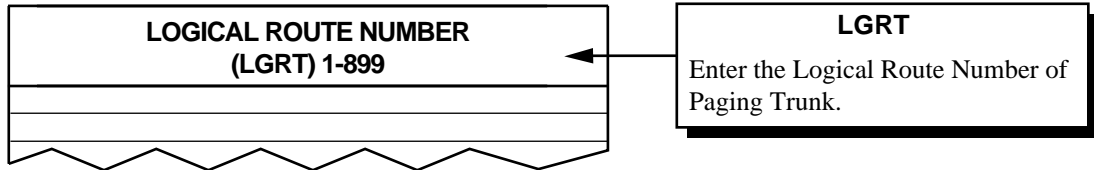
- ◆ When SRV=ANNC (Announcement service) is assigned



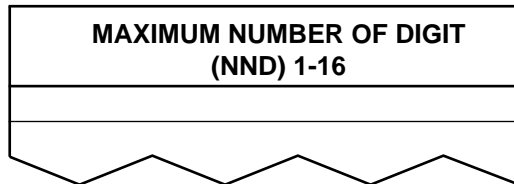
- ◆ When SRV=ANNCM (Announcement service-Multiple announcement) is assigned



- ◆ When SRV=PAGA (Paging Answer) is assigned
- ◆ When SRV=PAGC (Paging Cancel) is assigned



- ◆ When SRV=TELN (Telephone Number)



4. Data Sheet

(a) Service code (SRV = SSC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1	SERVICE CONTENTS
		H	Hooking	SSC	1		Call Hold
		N	Normal	SSC	2		Dial Access to Attendant (Operator Call) Note 4
		H	Hooking				
		B	Busy	SSC	3		Call Back; Entry
		H	Hooking				Camp on By Station
		B	Busy	SSC	4		Executive Right of Way
		N	Normal	SSC	5		Call Waiting – Originating
		B	Busy				
		N	Normal	SSC	6		Call Back; Cancel
		N	Normal	SSC	7		Call Pickup – Group
		N	Normal	SSC	8		C.F. – All Calls/Split C.F. – All Calls; Entry Note 2
		N	Normal	SSC	9		C.F. – All Calls/Split C.F. – All Calls; Cancel Note 2
		N	Normal	SSC	10		C.F. – Busy Line/Split C.F. – Busy Line; Entry Note 2
		N	Normal	SSC	11		C.F. – Busy Line/Split C.F. – Busy Line; Cancel Note 2
		N	Normal	SSC	12		C.F. – Don't Answer/Split C.F. – Don't Answer; Entry Note 2
		N	Normal	SSC	13		C.F. – Don't Answer/Split C.F. – Don't Answer; Cancel Note 2
		N	Normal	SSC	14		Speed Calling – Station; Entry
		N	Normal	SSC	15		Speed Calling – System; Access Note 3
		N	Normal	SSC	16		Trunk Answer from Any Station (TAS)
		N	Normal	SSC	17		Individual Trunk Access
					18		Not used

Note 1: The parameter may vary depending on the service.

Note 2: When Split Call Forwarding is in service (the command ASYD, SYS1, INDEX79, bit2=1), this access code is used for Split Call Forwarding.

Note 3: When Speed Calling-System; Access is assigned, NND1 parameter assignment is also required in addition to NND parameter.

Note 4: Fill in the FPC in place of the parameter NND.

ASPAN : Assignment of Special Access Code for NDM

(a) Service code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note 1, Note 2	SERVICE CONTENTS
		B	Busy	SSC	19		OG Trunk Queuing; Entry
		N	Normal	SSC	20		OG Trunk Queuing; Cancel
		N	Normal	SSC	21		Speed Calling – Station, Group; Access
					22 27		Not used
		N	Normal	SSC	28		Call Forwarding I'm Here; Set
		N	Normal	SSC	29		Call Forwarding I'm Here; Cancel
					30 34		Not used
		N	Normal	SSC	35		Call Pickup – Direct
		N	Normal	SSC	36		Hotel Service Note 3
		N	Normal	SSC	37		Priority Call 1 Note 4
		H	Hooking				
		N	Normal	SSC	38		Priority Call 2 Note 4
		H	Hooking				
		N	Normal	SSC	39		Priority Call 3 Note 4
		H	Hooking				
					40		Not used
		N	Normal	SSC	41		Account Code Dial
		H	Hooking				
		N	Normal	SSC	42		Authorization Code/Forced Account Code/Pad Lock; Set
		H	Hooking				
		H	Hooking	SSC	43		Flash Signal Sending to Main office across CAS Line
		N	Normal	SSC	44		Last Number Call
					45		Not Used
		H	Hooking	SSC	46		Faulty Trunk Report

Note 1: The parameter may vary depending on the service.

Note 2: The available numbers of necessary digits vary depending on the parameter SID.

Note 3: For detailed information of Hotel Service assignment, refer to the AASP command.

Note 4: Fill in the FPC in place of NND.

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS
		N	Normal	SSC	36	1	To be cleaned without ID Code
						2	Cleaned without ID Code
						3	Ready for Occupancy without ID Code
						4	Use Not Allowed without ID Code
						5	Not used
						6	
						8	
						9	Maid Dial Answer Back without ID Code-1
						10	Maid Dial Answer Back without ID Code-2
						11	Maid Dial Answer Back without ID Code-3
						12	Maid Dial Answer Back without ID Code-4
						13	Maid Dial Answer Back without ID Code-5
						14	Maid Dial Answer Back without ID Code-6
						15	Maid Dial Answer Back without ID Code-7
						16	Not used
						17	To be cleaned with ID code
						18	Cleaned with ID Code
						19	Ready for Occupancy with ID Code
						20	Use Not Allowed with ID Code

ASPAN : Assignment of Special Access Code for NDM

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS
		N	Normal	SSC	36	21	Not used
						24	
						25		Maid Dial Answer Back with ID Code-1
						26	Maid Dial Answer Back with ID Code-2
						27	Maid Dial Answer Back with ID Code-3
						28	Maid Dial Answer Back with ID Code-4
						29	Maid Dial Answer Back with ID Code-5
						30	Maid Dial Answer Back with ID Code-6
						31	Maid Dial Answer Back with ID Code-7
						32	Not used
						33	Automatic Wake-Up Setting, Cancel; Same Special Code
						34	For Guest Station Secretary Telephone; Boss/Secretary
						35	Not used
						36	
						37	
						38	Automatic Wake-Up – Hotel Attendant Assistance Stop; Set
		39	Automatic Wake-Up – Hotel Attendant Assistance Stop; Cancel				

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B	KIND OF SERVICE (SRV)	SERVICE INDEX (SID) 1 – 63	MAID STATUS (STATE) 1 – 63	SERVICE CONTENTS			
		N	Normal	SSC	36	40	Alert Service Start (Hotel ATT)		
						41	Alert Service Stop (Hotel ATT)		
						42	Guest Service Telephone Screen Initialization		
						43	Guest Service Telephone Guest Room Information Retrieval		
						44	Direct Data Entry – STA		
						45	Alert Service Start (Special Admin. Station)		
						46	Alert Service Stop (Special Admin. Station)		
						47	Not used		
						48	2nd Wake-Up Call (Automatic); Set		
						49	2nd Wake-Up Call (Semi-Automatic); Set		
						50	2nd Wake-Up Call; Cancel		
						51	Same Special Code Time Zone Connection Change		
						52	Same Special Code Time Zone Connection Change		
						53	Same Special Code Time Zone Connection Change		
						54	Same Special Code Time Zone Connection Change		
						55	Same Special Code Time Zone Connection Change		
						56	Not used		
						62			
								63	Dummy Number

ASPAN : Assignment of Special Access Code for NDM

(a) Service code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SID) 1-63	NUMBER OF NECESSARY DIGITS (NND) Note	SERVICE CONTENTS
					47		Not used
	|_|_|_|_|_|	N	Normal	SSC	48		Timed Reminder/Automatic Wake-Up; Entry
	|_|_|_|_|_|	N	Normal	SSC	49		Timed Reminder/Automatic Wake-Up; Cancel
					50 55		Not used
	|_|_|_|_|_|	N	Normal	SSC	56		Floor Service Note 3
	|_|_|_|_|_|	N	Normal	SSC	57		Split Access (Same Number Access) Note 3
					58, 59		Not used
	|_|_|_|_|_|	N	Normal	SSC	60		Attendant Manual Override
	|_|_|_|_|_|	H	Hooking	SSC	61		Call Park; Entry
	|_|_|_|_|_|	N	Normal	SSC	62		Call Park; Local Retrieve
	|_|_|_|_|_|	N	Normal	SSC	63		Call Park; Remote Retrieve

Note 1: The parameter may vary depending on the service.

Note 2: The available numbers of necessary digits vary depending on the parameter SID.

Note 3: For detailed information of the Hotel Service, refer to the AASP command.

(a) Service Code (SRV = SSC) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID)	SERVICE INDEX NUMBER (No.) 0 – 15	SERVICE CONTENTS
	|_|_|_|_|_|	N	Normal	SSC	56	0	
	|_|_|_|_|_|	N	Normal	SSC	56	1	
	|_|_|_|_|_|	N	Normal	SSC	56	2	
	|_|_|_|_|_|	N	Normal	SSC	56	3	
	|_|_|_|_|_|	N	Normal	SSC	56	4	
	|_|_|_|_|_|	N	Normal	SSC	56	5	
	|_|_|_|_|_|	N	Normal	SSC	56	6	
	|_|_|_|_|_|	N	Normal	SSC	56	7	
	|_|_|_|_|_|	N	Normal	SSC	56	8	
	|_|_|_|_|_|	N	Normal	SSC	56	9	
	|_|_|_|_|_|	N	Normal	SSC	56	10	
	|_|_|_|_|_|	N	Normal	SSC	56	11	
	|_|_|_|_|_|	N	Normal	SSC	56	12	
	|_|_|_|_|_|	N	Normal	SSC	56	13	
	|_|_|_|_|_|	N	Normal	SSC	56	14	
	|_|_|_|_|_|	N	Normal	SSC	56	15	

ASPAN : Assignment of Special Access Code for NDM

(a) Service Code (SRV = SSC) (Continued)

Note: *Split Access (Same Number Access) (SID = 57)*

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE INDEX (SID)	ASSIGN NUMBER (No.) 0 – 63	KIND OF FUNCTION (KIND) 0 – 3	SERVICE CONTENTS	
		N	Normal	SSC	57				

(b) Service code Appendix (SRV = SSCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B		KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 – 255	SERVICE CONTENTS
					1 2 40	Not used
		H	Hooking	SSCA	41	Voice Call
		B	Busy	SSCA	42	Message Reminder (D ^{term})
		H	Hooking			
					43 44 45	Not used
		N	Normal	SSCA	46	Line Load Control from ATTCON; Entry
		N	Normal	SSCA	47	Line Load Control from ATTCON; Cancel
		N	Normal	SSCA	48	Data Privacy on Demand; Entry
		H	Hooking			
		H	Hooking	SSCA	49	Data Privacy on Demand; Cancel
		N	Normal	SSCA	50	UCD Busy Out; Entry
		H	Hooking			
		N	Normal	SSCA	51	UCD Busy Out; Cancel
		H	Hooking			
					52	Not used
		N	Normal	SSCA	53	Boss Secretary Override
		N	Normal	SSCA	54	Message Waiting Lamp Setting from ATTCON; Set
		N	Normal	SSCA	55	Message Waiting Lamp Setting from ATTCON; Cancel
		N	Normal	SSCA	56	Guest/Admin. Service
		H	Hooking			
		B	Busy			
					57 58 62	Not used
		N	Normal	SSCA	63	Call Pickup Expand
					64, 65	Not used
		N	Normal	SSCA	66	Digital Announcement Card Multi-channel Recording; Record
					67	Not used

ASPAN : Assignment of Special Access Code for NDM

(b) Service code Appendix (SRV = SSCA) (Continued)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H/B	KIND OF SERVICE (SRV)	SERVICE FEATURE INDEX (SIDA) 1 - 255	NECESSARY DIGIT (NND) 1 - 6	SERVICE CONTENTS
		N	Normal	SSCA	68	Digital Announcement Card Multi-channel Recording; Retrieve
					69 ∩ 84	Not used
		N	Normal	SSCA	85	Pad Lock; Cancel
		N	Normal	SSCA	86	C.F. – All Calls; Entry Note
		N	Normal	SSCA	87	C.F. – Busy Line; Entry Note
		N	Normal	SSCA	88	C.F. – Don't Answer; Entry Note
		N	Normal	SSCA	89	C.F. – All Calls; Cancel Note
		N	Normal	SSCA	90	C.F. – Busy Line; Cancel Note
		N	Normal	SSCA	91	C.F. – Don't Answer; Cancel Note
					92 ∩ 96	Not used
		N	Normal	SSCA	97	Call Hold Conference
		N	Normal	SSCA	98	Internal Zone Paging; Originate
		H	Hooking	SSCA		
					99 ∩ 105	Not used
		N	Normal	SSCA	106	Call Return
					107	Not used
		N	Normal	SSCA	108	Number Sharing; Entry
		N	Normal	SSCA	109	Number Sharing; Cancel
					110	Not used
		N	Normal	SSCA	111	Call Block (restricts the last calling party's number); Entry
		N	Normal	SSCA	112	Call Block (restricts the dialed number); Entry
		N	Normal	SSCA	113	Call Block; Cancel
					114 ∩ 115	Not used
		N	Normal	SSCA	116	Call Trace
					117 ∩ 255	Not used

Note: This data is valid for Call Forwarding service when Split Call Forwarding is in service. (The command ASYDN, SYS 1, INDEX 79, bit2 = 1.)

(c) Outgoing Call (SRV = OGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	LOGICAL ROUTE NUMBER (LGRT)	REMARKS	
		N	Normal	OGC			
		H	Hooking				
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
			N	Normal	OGC		
			H	Hooking			
		N	Normal	OGC			
		H	Hooking				
		N	Normal	OGC			
		H	Hooking				

ASPAN : Assignment of Special Access Code for NDM

(d) Outgoing Call With Route Advance (SRV = OGCA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	INDEX COUNTER (COUNT)	LOGICAL ROUTE NUMBER (LGRT)								
						1st	2nd	3rd	4th	5th	6th	7th	8th	
						9th	10th	11th	12th	13th	14th	15th		
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
		N	Normal	OGCA										
		H	Hooking											
	N	Normal	OGCA											
	H	Hooking												
	N	Normal	OGCA											
	H	Hooking												
	N	Normal	OGCA											
	H	Hooking												
	N	Normal	OGCA											
	H	Hooking												

(e) Least Cost Routing (SRV = LCR)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	FLEXIBLE LOGICAL ROUTE NUMBER (LGRT)	SECOND DIAL TONE (2nd DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1	
		N	Normal						
		N	Normal	LCR					
		H	Hooking						
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
			N	Normal	LCR				
			H	Hooking					
		N	Normal	LCR					
		H	Hooking						
		N	Normal	LCR					
		H	Hooking						

ASPAN : Assignment of Special Access Code for NDM

(f) Register Sender LCR (SRV = LCRS)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	FLEXIBLE LOGICAL ROUTE NUMBER (LGRT)	SECOND DIAL TONE (2nd DT) 0/1	AUTHORIZATION CODE (AH) 0/1	SUB ADDRESS DIALING (SUB) 0/1	
		N	Normal	LCRS					
		H	Hooking						
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
			N	Normal	LCRS				
			H	Hooking					
		N	Normal	LCRS					
		H	Hooking						
		N	Normal	LCRS					
		H	Hooking						

(g) Announcement Service (SRV = ANNC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 1 - 127	REMARKS	
		N	Normal	ANNC			
		H	Hooking				
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
			N	Normal	ANNC		
			H	Hooking			
		N	Normal	ANNC			
		H	Hooking				
		N	Normal	ANNC			
		H	Hooking				

ASPAN : Assignment of Special Access Code for NDM

(h) Announcement Service-Multiple Announcement (SRV = ANNCM)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAX. 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ANNOUNCEMENT TENANT NUMBER (TN)	ANNOUNCEMENT EQUIPMENT NUMBER (EQP) 122 – 125	REMARKS	
		N	Normal	ANNCM				
		H	Hooking					
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
			N	Normal	ANNCM			
			H	Hooking				
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					
		N	Normal	ANNCM				
		H	Hooking					

(i) Paging Answer (SRV = PAGA)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		N	Normal	PAGA			
		H	Hooking				
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
			N	Normal	PAGA		
			H	Hooking			
		N	Normal	PAGA			
		H	Hooking				
		N	Normal	PAGA			
		H	Hooking				

ASPAN : Assignment of Special Access Code for NDM

(j) Paging Cancel (SRV = PAGC)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) 1/2		KIND OF SERVICE (SRV)	ROUTE NUMBER (RT)	REMARKS	
		H	Normal	PAGC			
		N	Hooking				
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
			H	Normal	PAGC		
			N	Hooking			
		H	Normal	PAGC			
		N	Hooking				

(k) Telephone Number (SRV = TELN)

TENANT NUMBER (TN)	ACCESS CODE (ACC) MAXIMUM 6 DIGITS	CONNECTION STATUS INDEX (CI) N/H		KIND OF SERVICE (SRV)	NECESSARY DIGITS (NND) 1-16	REMARKS
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
		N	Normal	TELN		
		H	Hooking			
	N	Normal	TELN			
	H	Hooking				

ALGNN: Assignment of Telephone Number Data for NDM

1. General

This command assigns the individual attendant identification number for Fusion service. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. The applicable tenant number (TN) range is designated by the ASYDN command, SYS 1, INDEX 8. If the numbering plan is common for all tenants (ASYDN, SYS1, INDEX 800, bit0 = 1), assign TN parameter as "1" for all tenants.
2. The system data assignment (ASYDN, SYS 1, INDEX 514, bit1 = 1) is needed to provide the Network Data Memory (NDM).
3. Before assigning this command, ANPDN/ASPAN commands are required for the numbering plan of the Telephone Number (TELN).
4. A unique Telephone Number (TELN) should be given within a User Group Number (UGN).
5. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



USER GROUP NUMBER (UGN)	TELEPHONE STATION NUMBER (TELN) MAX. 16 DIGITS	REMARKS
1	| | | | | | | | | | | | | | | | 4 | 0 | 0 | 0 | 0	
1	| | | | | | | | | | | | | | | | 4 | 0 | 0 | 0 | 1	
1	| | | | | | | | | | | | | | | | 4 | 0 | 0 | 0 | 2	

4. Data Sheet

USER GROUP NUMBER (UGN)	TELEPHONE STATION NUMBER (TELN) MAX. 16 DIGITS	REMARKS
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	
1	| | | | | | | | | | | | | | | |	

ALGSN: Assignment of Telephone Station Data for NDM

1. General

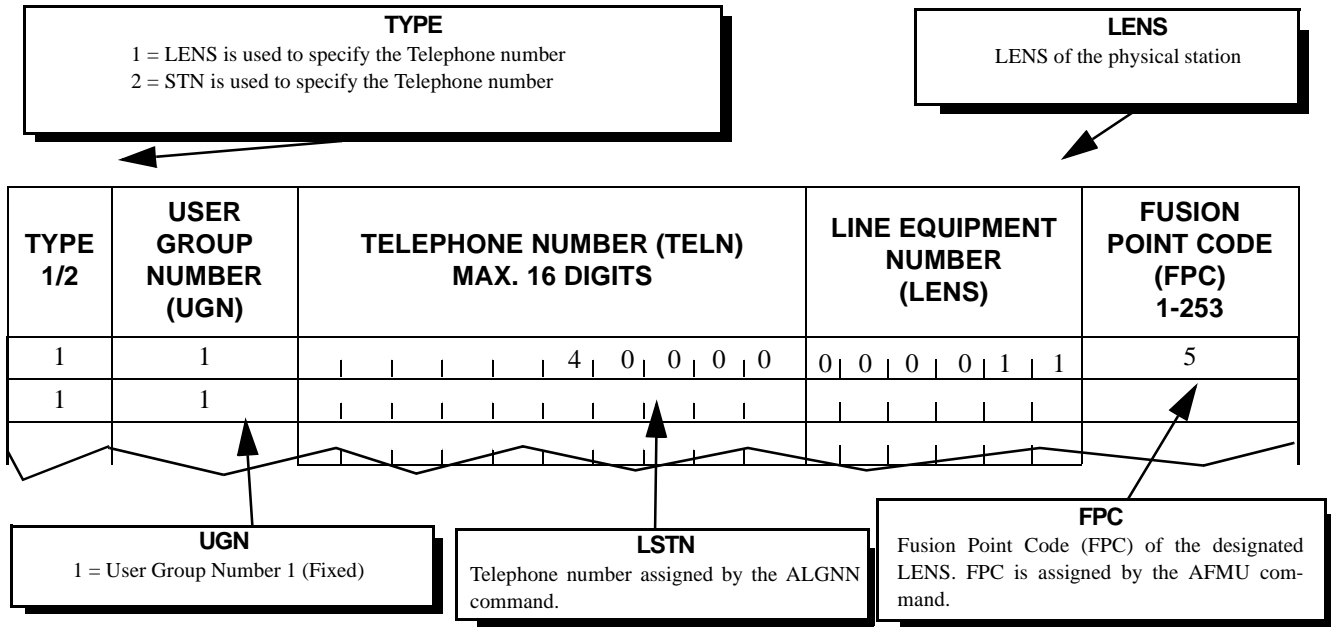
This command assigns the related data of the Telephone Number (TELN) corresponding to the physical station. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

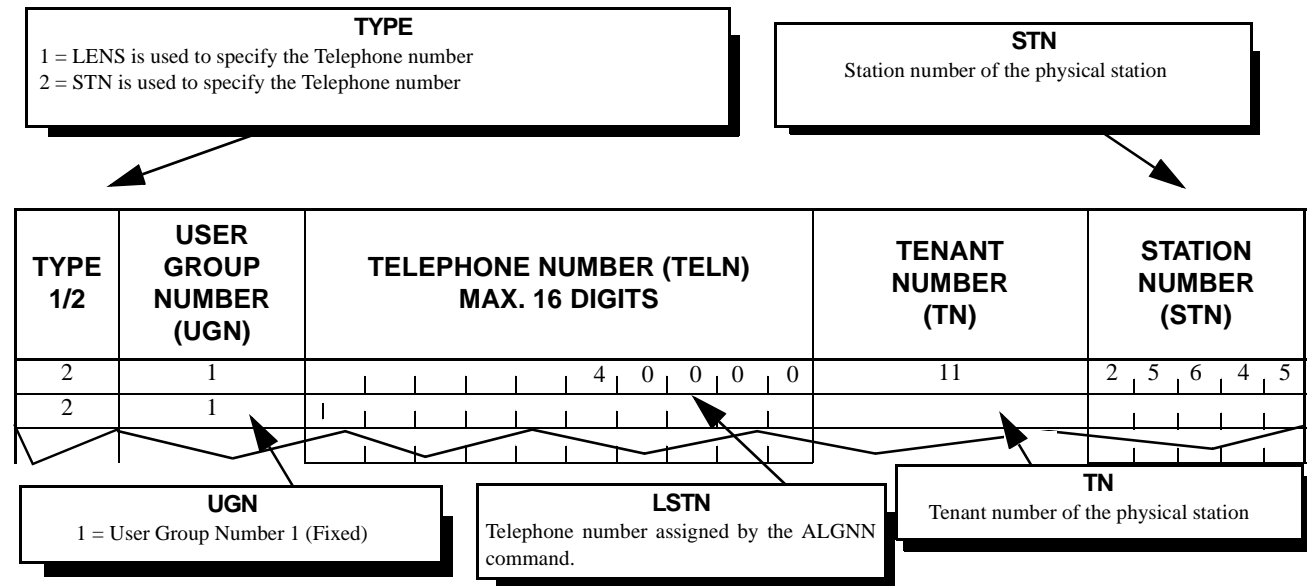
1. The ALGSN command is used to assign the Telephone Number (TELN) for a Network Control Node (NCN).
2. The TYPE parameter allows the user to choose the programming method of the physical station.
TYPE = 1 (LENS): Telephone number to be given to the LENS
TYPE = 2 (STN): Telephone number to be given to the station
3. The system data assignment (ASYDN, SYS 1, INDEX 514, bit1 = 1) is needed to provide the Network Data Memory (NDM).
4. When the parameter TYPE is "1" (LENS is used to specify the physical station number), the assignment of the Fusion Point Code (FPC) entered by the AFMU command is required.
5. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.
6. The applicable Tenant Number (TN) range is designated by the ASYDN command, SYS 1, INDEX 8. If the data in this command is common for all tenants (ASYDN, SYS 1, INDEX 800, bit0 = 1), assign TN parameter as data "1" for all tenants.

3. Data Entry Instructions

- ◆ When assigning TYPE = 1 (LENS is used to specify the Telephone number)



- ◆ When assigning TYPE = 2 (STN is used to specify the Telephone number)



ATSTN: Assignment of Telephone Number and Station Number for NDM

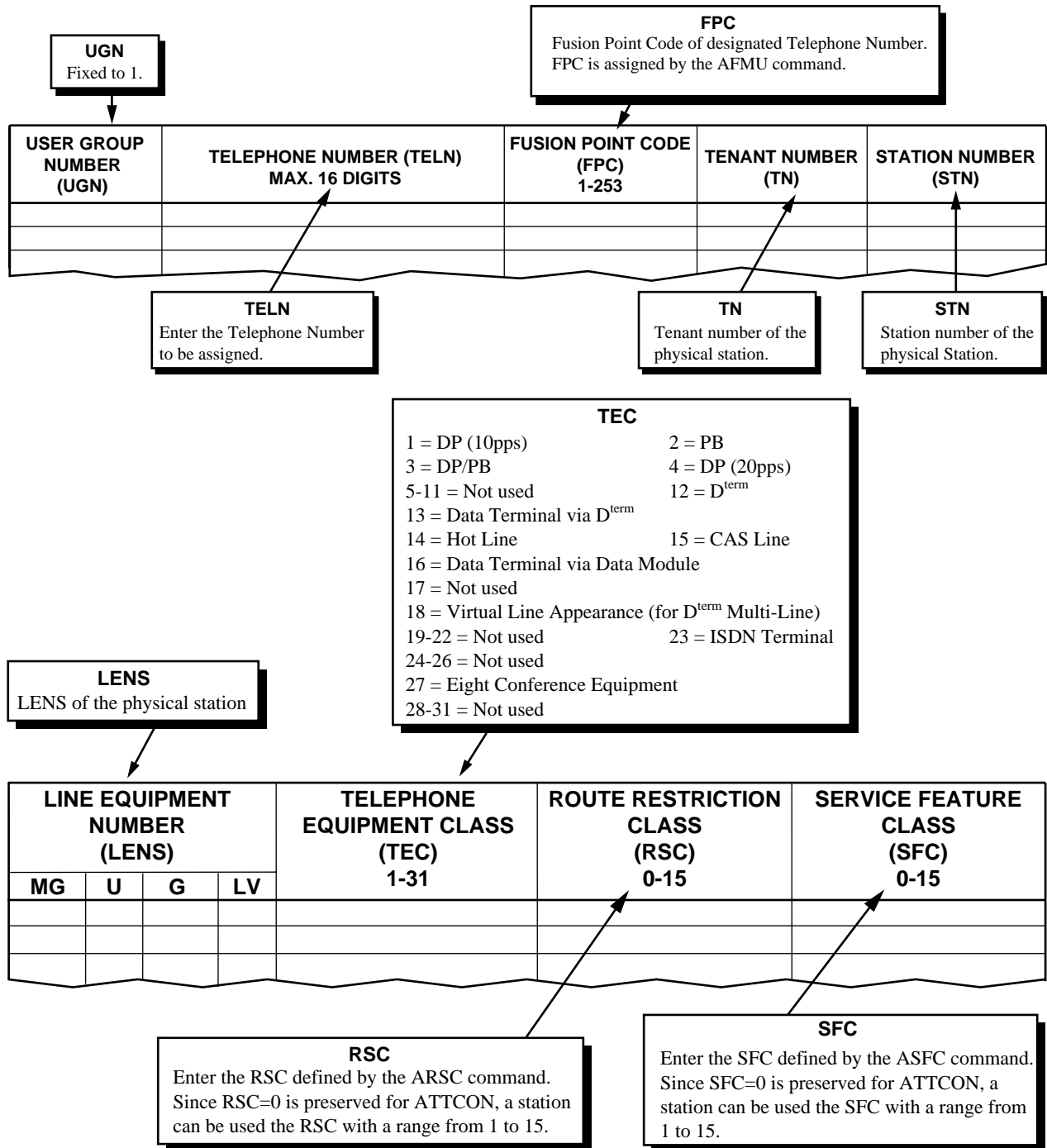
1. General

This command assigns both Telephone Number (TELN) and Physical Station Number. As the function of ALGSN and ASDT commands are combined to this command, Physical Station Number can be assigned at the same time when assigning the Telephone Number. If the Telephone Number is deleted, the allocated Station Number can also be deleted. The data assigned by this command is written in Network Data Memory (NDM) of the Network Control Node (NCN), updating the NDM at each Local Node (LN).

2. Precautions

1. This command can be used only when logging in to NCN.
2. If the Telephone Number is deleted by this command, also delete the station data assigned with the ASDT command. To delete the allocated Telephone Number only, use the ALGSN command.
3. If deletion of the ASDT data fails, only the deletion of the allocated Telephone Number is activated.

3. Data Entry Instructions



LINE EQUIPMENT NUMBER (LENS)				TELEPHONE EQUIPMENT CLASS (TEC) 1-31	ROUTE RESTRICTION CLASS (RSC) 0-15	SERVICE FEATURE CLASS (SFC) 0-15
MG	U	G	LV			

APLNN: Assignment of Physical LENS Number for NDM

1. General

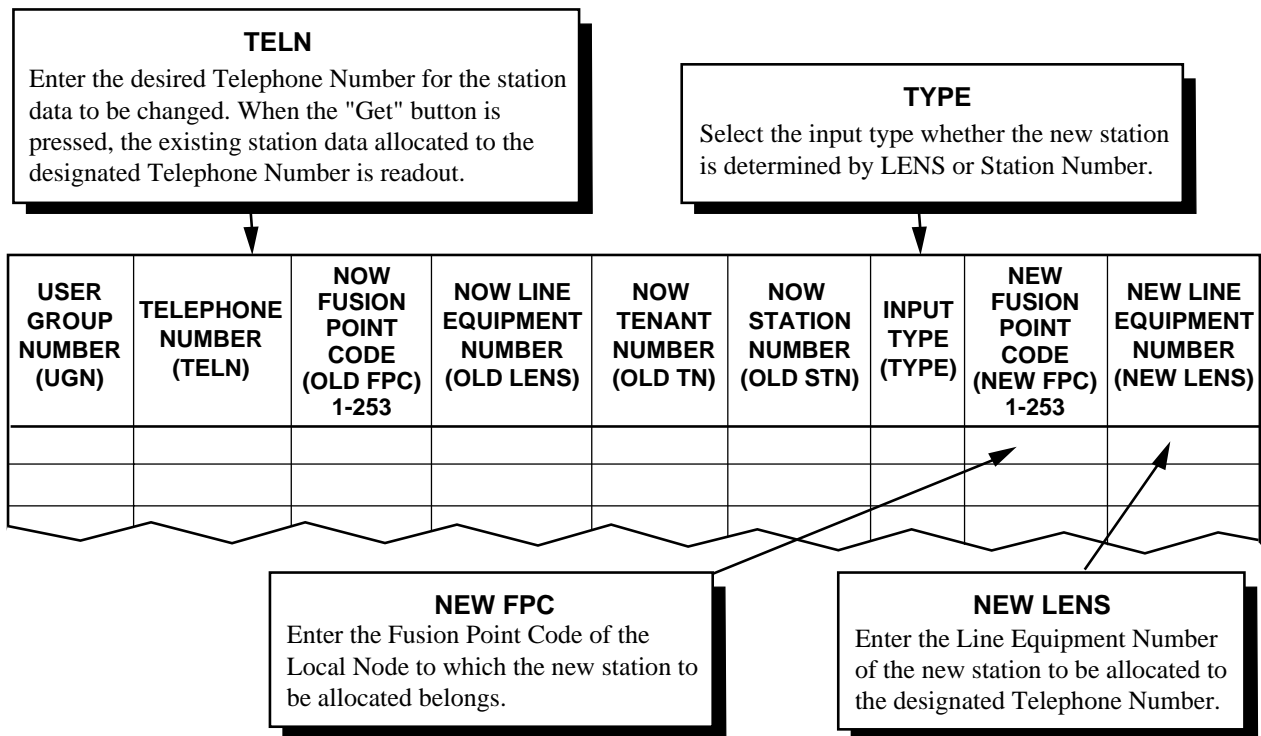
This command changes the existing station data allocated to each TELN (Telephone number) such as FPC, LENS, Tenant Number, and Station.

2. Precautions

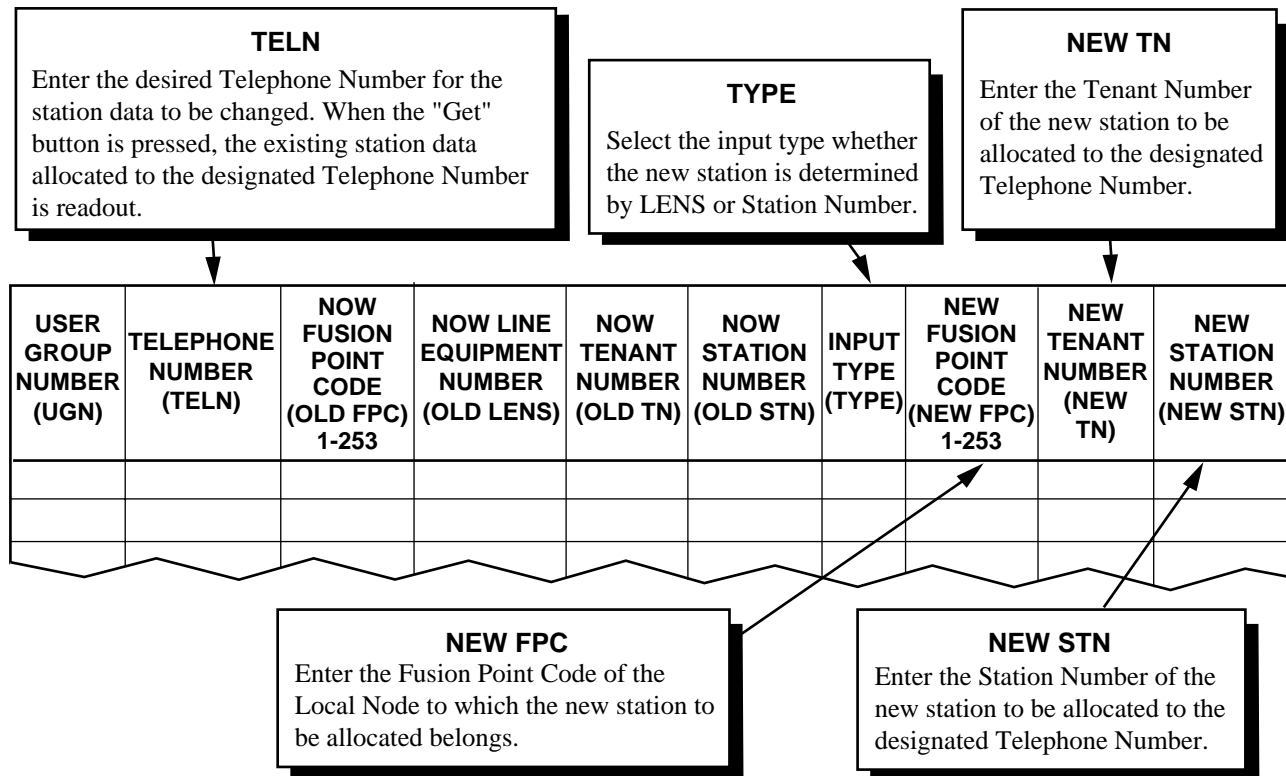
1. This command can be used only when logging in to the NCN (Network Control Node).
2. This command is used for business service only. (Not available for Hotel system and PCS stations.)
3. The new physical station to be allocated to the designated TELN must be the station that belongs to the NCN or the LN within the same Fusion Network link as the logged-in NCN.
4. When entering a new station that already has another Telephone Number, changing the station data cannot be executed.
5. In case NUMBER SHARING is set to the old station designated by UGN/TELN, D^{term} must be used at the new station. If other equipment than D^{term} is used for the new station, station data change cannot be activated.
6. Station data changing cannot be executed for the UCD station.
7. If the designated old station has the HOT LINE data, station data changing is not available when hot line terminal is not used at the new station to be allocated.
8. In case the designated old station is assigned as VPS station, also the new station to be allocated must be the VPS station. Otherwise, the station data changing cannot be activated.

3. Data Entry Instructions

(a) When "TYPE=LENS" is selected



(b) When "TYPE=STN" is selected



APLNN : Assignment of Physical LENS Number for NDM

INPUT TYPE (TYPE)	NEW FUSION POINT CODE (NEW FPC) 1-253	NEW LINE EQUIPMENT NUMBER (NEW LENS)	REMARKS

APLNN : Assignment of Physical LENS Number for NDM

INPUT TYPE (TYPE)	NEW FUSION POINT CODE (NEW FPC) 1-253	NEW TENANT NUMBER (NEW TN)	NEW STATION NUMBER (NEW STN)	REMARKS

ATDF: Assignment of Time Difference Data

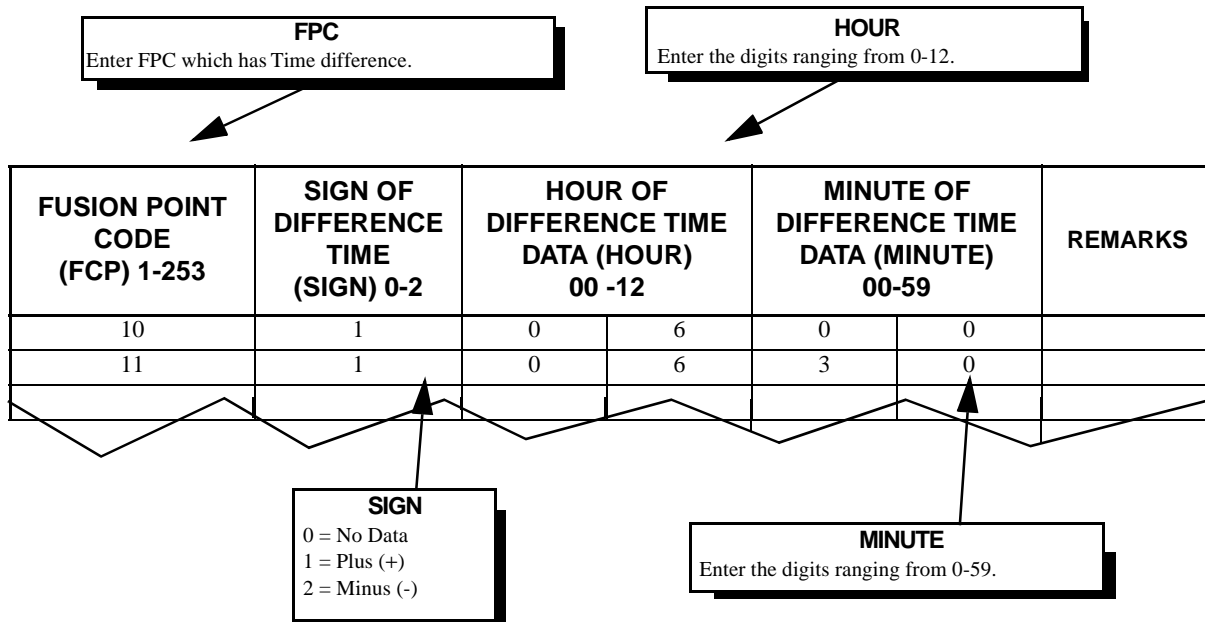
1. General

This command is required when there is time difference within the Fusion link. The difference of time between nodes and the UCT (Universal Coordinated Time) are written in Network Data Memory (NDM) of the Network Control Node (NCN) by using this command.

2. Precautions

1. When SIGN = "0," HOUR and MINUTE are not available. Therefore, if SIGN = "0," the data is deleted.
2. For detailed information, see the NEAX2400 IPX Fusion Network System Manual.

3. Data Entry Instructions



AMWF: Assignment of Message Waiting Remote FPC for LDM

1. General

This command assigns the Fusion Point Code (FPC) of Remote nodes in the Fusion Network for Message Waiting control.

2. Precautions

1. This data is necessary at the center node having Message Center Interface.

3. Data Entry Instructions

REMOTE FPC		CENTER FPC	
Enter FPC of Remote node to each CNT.		This parameter is for display only.	
Remote FPC Assignment Number (CNT) 0-252	Remote FPC for Message Waiting Function Control (REMOTE FPC) 1-253	FPC of Self Node (CENTER FPC) 1-253	REMARKS
0			
1			
2			

AFUGN: Assignment of EX-FCCS Fusion Group Data for NDM

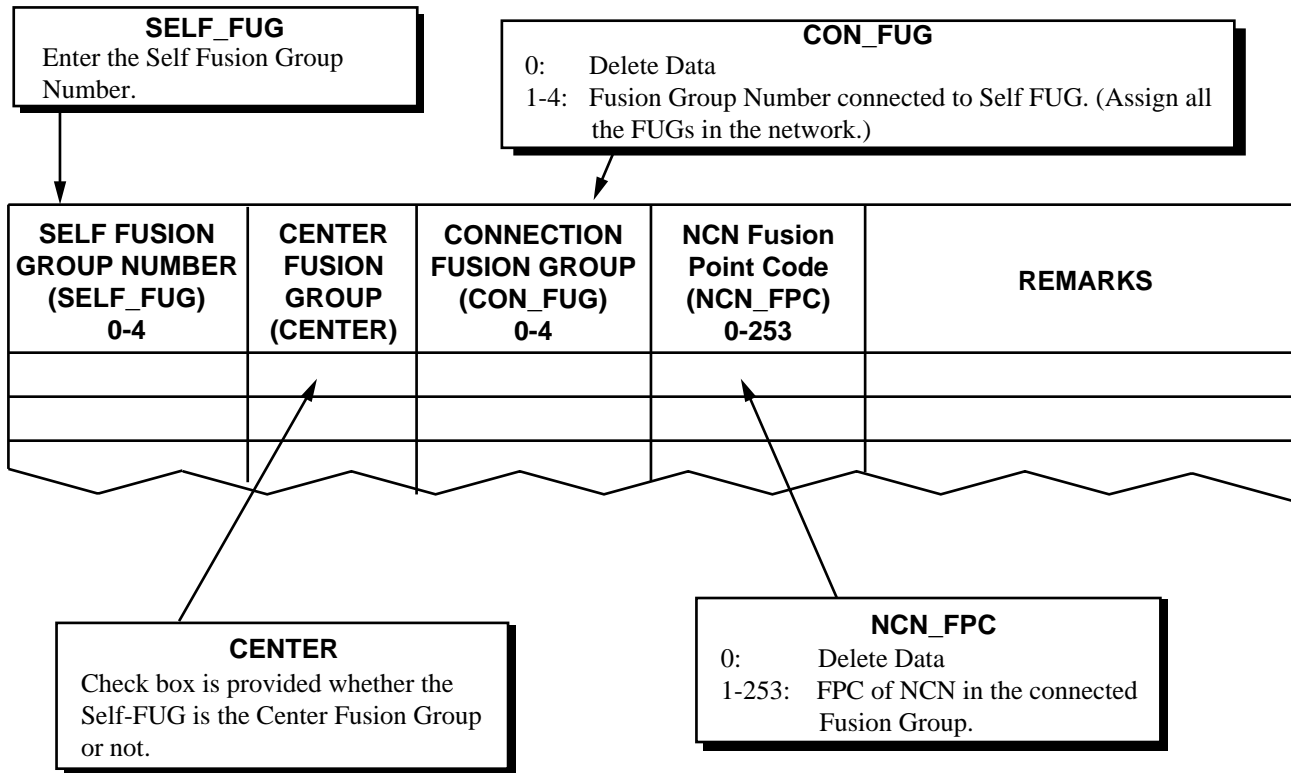
1. General

This command is used to assign and read the data related to Fusion Group Number in multiple FCCS networks connected via CCIS link.

2. Precautions

1. One Fusion Group Number cannot be allocated to some Fusion Groups in duplicate.
2. When other than number “0” is entered to CON_FUG, “0” cannot be entered to the corresponding NCN_FPC.
3. A single FUG is to be designated as the Center FUG.

3. Data Entry Instructions



AEXFN: Assignment of EX-FCCS CCH Selection Data for NDM

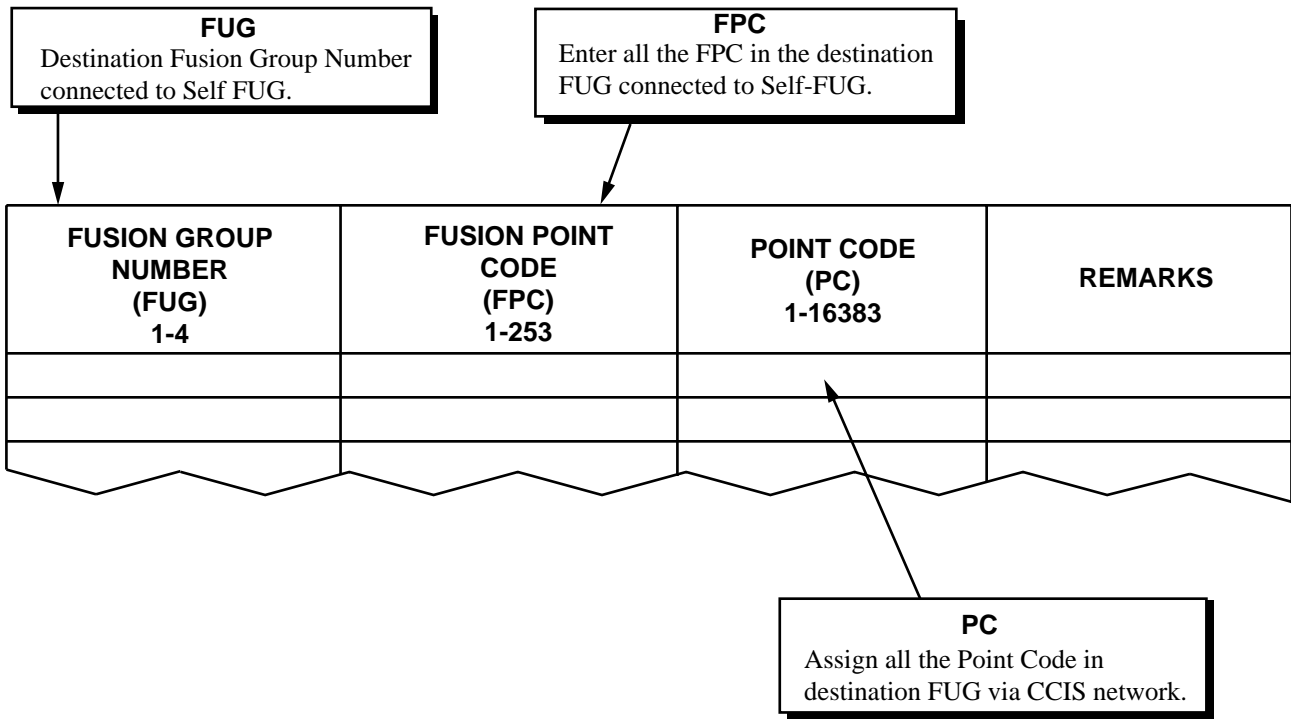
1. General

This command is used to assign, delete and read out the Point Code data for connecting to each FPC in one Fusion Group (FUG) within multiple FCCS networks connected via CCIS link.

2. Precautions

1. This command is not valid when the Self Fusion Group Number has not been allocated by the AFUGN command.
2. Self Fusion Group Number cannot be entered in FUG parameter.

3. Data Entry Instructions



AEADN: Assignment of EX-FCCS ADC Data for NDM

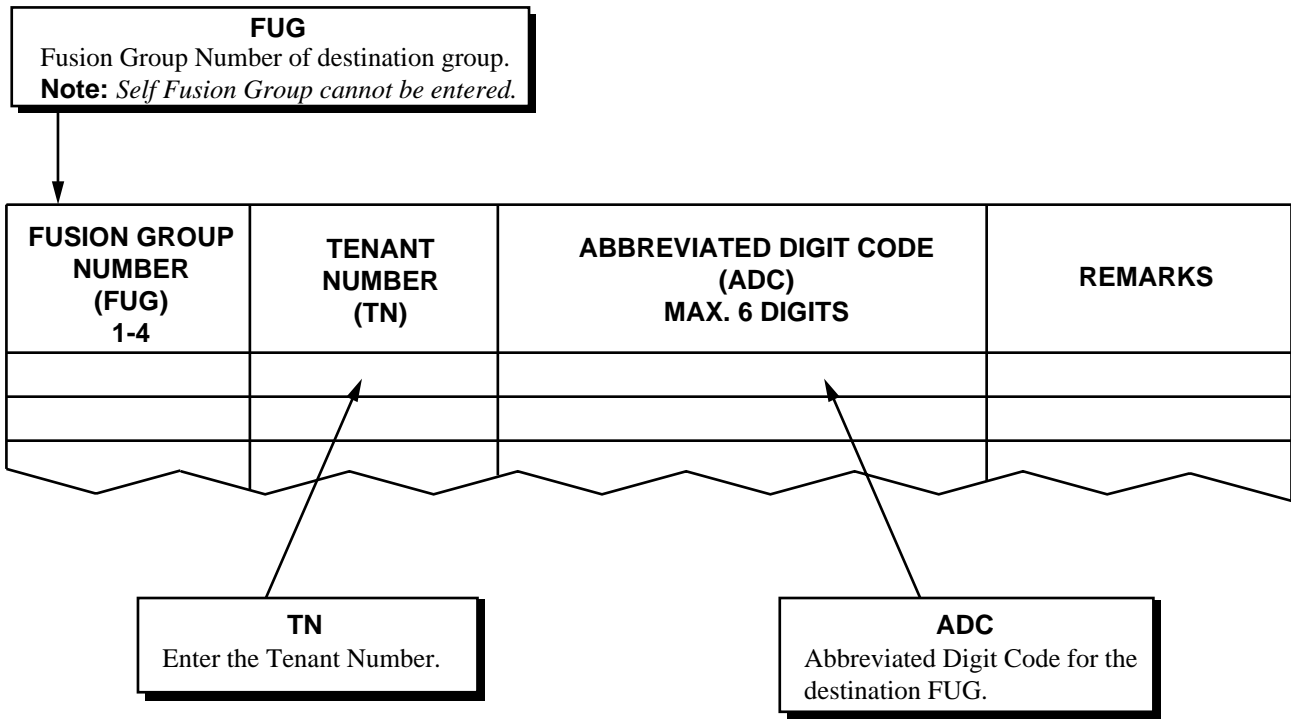
1. General

This command is used to assign, delete and read Abbreviated Digit Code (ADC) for connected Fusion Group (FUG) within multiple FCCS networks via CCIS link.

2. Precautions

1. This command is not valid when the Self Fusion Group Number has not been assigned by the AFUGN command.
2. Self Fusion Group Number cannot be assigned at this command.

3. Data Entry Instructions



AELGN: Allocation of EX-FCCS Telephone Number Data for NDM

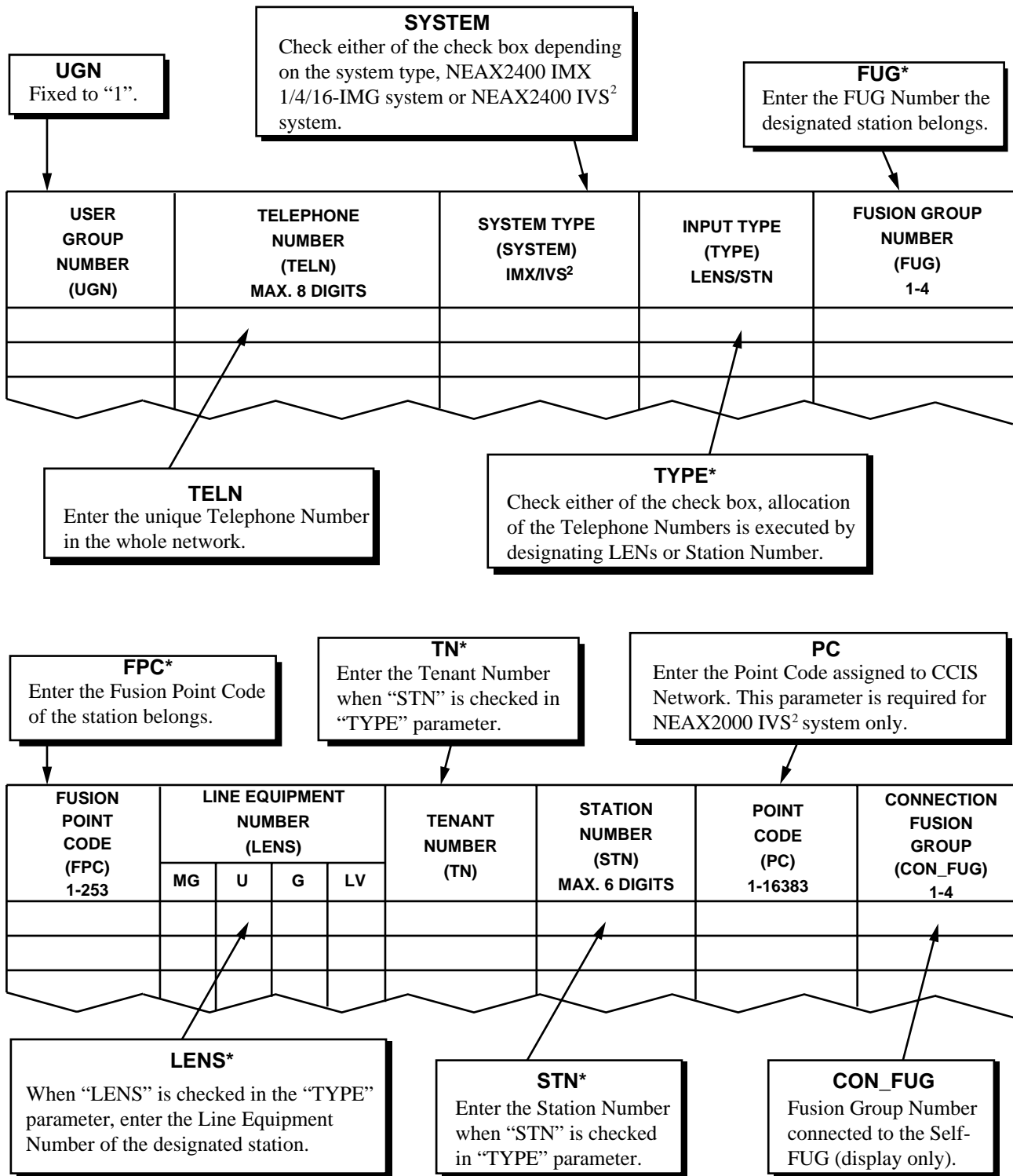
1. General

This command is used to assign, delete and read Telephone Number data in multiple FCCS networks connected via CCIS link. When assigning the data logging in to the NCN of Center FUG by using this command, the data in NDM of all the LNs in Self FUG and NCN/LN in other FUGs are updated simultaneously.

2. Precautions

1. This command cannot be used when the Self Fusion Group Number has not been assigned by the AFUGN command.
2. Only the readout function is activated in this command when both Self FUG Number and Connected FUG Number are already assigned, provided that Self FUG is not the Center FUG.
3. Telephone Numbers used in the multiple FCCS networks and the existing Telephone Numbers used in self FUG only (assigned by the ALGSN command) are managed in different table in NDM.
4. Telephone Numbers can be assigned up to 120,000 in the whole network (including Telephone Numbers for NEAX2000 IVS² system), and 48,000 in one FUG.
5. By designating UGN (1) and TELN, the already assigned AELGN data can be read out.

3. Data Entry Instructions



Note: Parameters marked* are required only when NEAX2400 IPX is selected in "SYSTEM" parameter.

This page is for your notes.