

NEC

ND-45503 (E)
ISSUE 2
PART OF STOCK # 151902

NEAX[®] 2000 IVS

Office Data Programming Manual

FEBRUARY, 1998

NEC America, Inc.

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CHAPTER 1 INTRODUCTION

1. PURPOSE

This manual is used for programming office data and designing the system layout required for customizing the NEAX2000 IVS (PBX).

Before engaging in installation work, the installer is required to fill in the office data sheet, and draw the system layout and floor layout in this manual according to customer's requirements. For additional information, refer to the Command Manual and Installation Procedure Manual.

2. OUTLINE OF MANUAL

This manual consists of three chapters. The contents of Chapters 2 and 3 are outlined below.

- CHAPTER 2 (CUSTOMIZING DATA):

This chapter explains the various tables for customer specifications such as numbering plan, station data and trunk data, etc., and sheets for designing the system layout such as Bay Face Layout.

- CHAPTER 3 (DATA PROGRAMMING SHEETS):

This chapter explains the office data programming sheets provided on a command basis.

NOTICE

In the USA, the D^{term} represents Multiline Terminal.

In the USA, My Line represents Primary Extension.

3. REFERENCE MANUALS

For office data programming, other manuals are required to obtain various information as shown in [Figure 1-1](#).

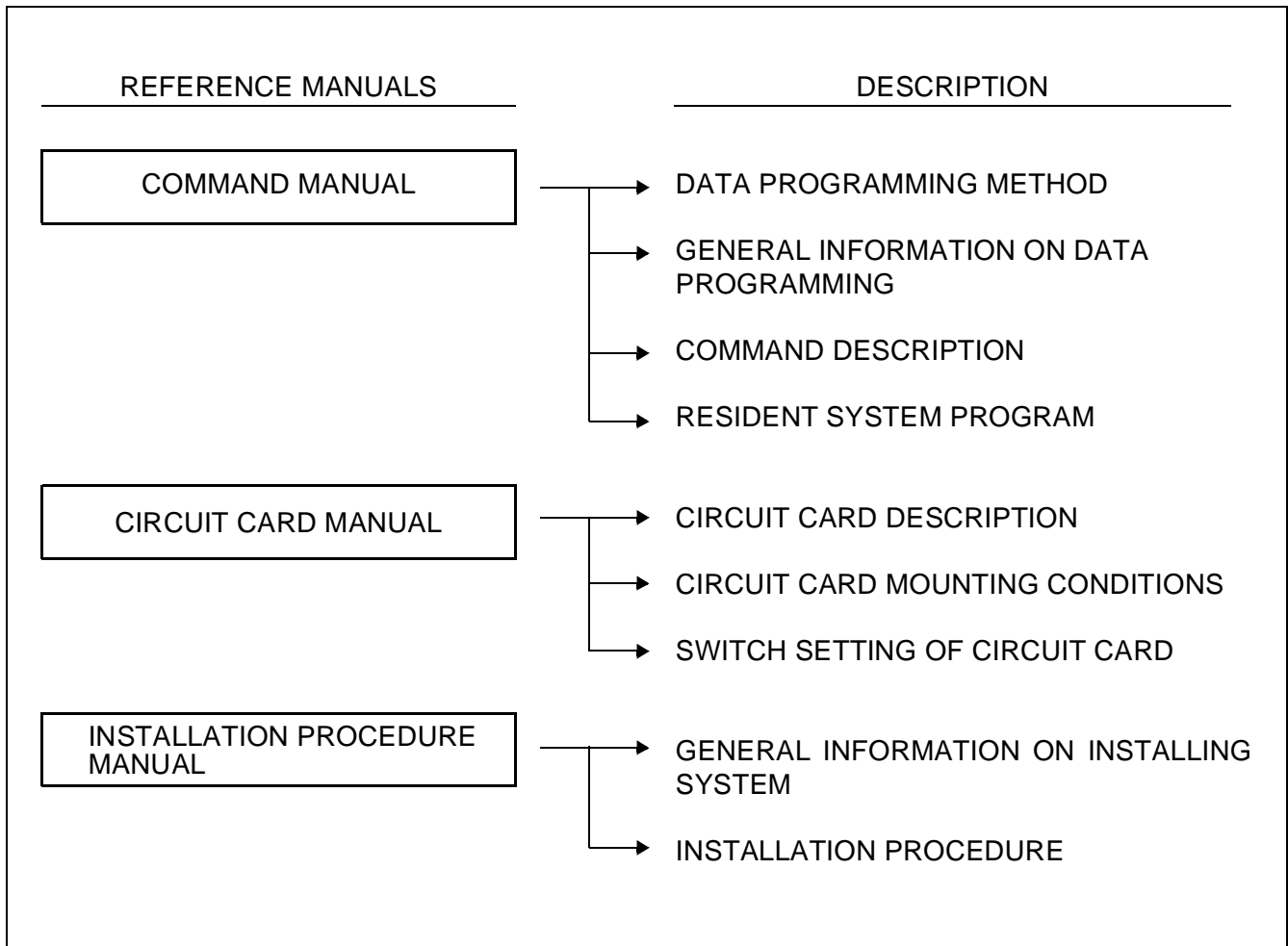


Figure 1-1 Reference Manuals for Office Data Programming

4. DATA PROGRAMMING PROCEDURE

Table 1-1 shows the procedure and the outline of the work related data programming for the system.

The various data programmed in this manual are entered into the system through the CAT/MAT.

Table 1-1 Data Programming Procedure

STEP	WORK	REMARKS
1.	Obtain the customer's requirements, and fill in the Customer Specification Sheets on Chapter 2.	
2.	Allocate the LC, TRUNK and other interface cards to the Port Assignment Table on Chapter 2. Make a Bay Face Layout on Chapter 2 for accommodating cards required in the system.	
3.	Fill in the data programming sheets on Chapter 3 with the Customer Specification Sheet, Port Assignment Table and Bay Face Layout completed as steps 1 and 2.	For the programming method and the detailed information on the Command, refer to the Command Manual.
4.	Ensure that the data on all programming sheets are correct and consistent with customer specifications.	
5.	Specify the switch setting on the boards with the Switch Setting Table in the Circuit Card Manual.	For the function of each switch on the cards, refer to the Circuit Card Manual.

This page is for your notes.

CHAPTER 2 CUSTOMIZING DATA

1. GENERAL

This chapter explains the general information for customizing data and the various tables for customer specifications such as numbering plan, station data and trunk data, etc., and sheets for designing the system layout such as Bay Face Layout.

2. GENERAL INFORMATION ON CUSTOMIZING DATA

This section provides the information for customizing data in the Office Data Programming Manual.

2.1 Numbering Plan

This table specifies the service feature access codes, trunk access code, station numbers and other special access codes. The service feature access codes and trunk access codes are given to each service feature and each trunk routes, respectively, with a maximum three-digit code. The station numbers are specified by a maximum of four digits.

For the numbering plan of the system the following conditions should be considered.

- (1) The same first digit code cannot be assigned to the other features within the Numbering Plan Group programmed. (This condition is not applicable to the system providing the Single Digit Timing Start Access.)
- (2) The feature access codes should be two or three digits because plural access codes for each feature are required.
- (3) There are four types of station numbering (1 digit – 4 digits), and any combination of these types is available in one system.
- (4) The same station number cannot be assigned, even if the tenant service is applied.

2.2 Station Data

In this table, the following data are required.

- Station Number

Station numbers (up to four digits), specified in the Numbering Plan Table, are assigned. For the D^{term} station, specify the My Line Number.

- Type of Telephone

The type of station telephone set is specified as shown below.

<u>TYPE OF TEL</u>	<u>DESCRIPTION</u>
DP.....	Dial Pulse Telephone set
PB.....	DTMF Telephone set
D ^{term}	D ^{term} set

- SERVICE CLASS-A/B/C

Specify the service class (1-15) programmed in the Service Restriction Data Table.

- RESTRICTION CLASS-DAY/NIGHT

Specify the Trunk Restriction Class as shown below.

- 1: Unrestricted
- 2: Non-Restricted-1
- 3: Non-Restricted-2
- 4: Semi-Restricted 1
- 5: Semi-Restricted 2
- 6: Restricted 1
- 7: Restricted 2
- 8: Fully-Restricted

- DIT TRUNK NUMBER

In the case of the DIT (Direct-In Termination) station, specify the trunk number connected.

2.3 Trunk Data

In this table, the following data are required:

- ACCESS NUMBER

Specify the access code for the trunks.

- DESTINATION

Specify the distant office such as Central Office (Public Exchange), Tie Line, etc.

- NUMBER OF LINE

Specify the number of trunks to be provided with each route (IC-Incoming, OG-Outgoing, BW-Bothway).

- DP/PB

Specify the type of address signal from/to distant office, as shown below.

TYPE OF TEL DESCRIPTION

DP.....	Dial Pulse
PB.....	DTMF Signal

- KIND OF SIGNAL

Specify the kind of signaling system such as Ring Down, Loop, E & M etc. at the line.

2.4 Station Hunting Group Data

This data table requires the following data:

- KIND OF STATION HUNTING

Specify the kind of the Station Hunting System (Pilot/Circular/Switch Back). In the case of the Pilot System, specify the Pilot Station Number.

- SECRETARY STATION

Specify the Secretary Station Number, if provided.

- STATION NUMBER

Specify the station numbers to be assigned to the station hunting group with the following conditions.

- (1) Up to 60 stations can be assigned per Station Hunting Group.
- (2) There is no limitation to the number of Station Hunting Groups.

The same one station cannot be assigned to multiple Hunting Groups.

2.5 Call Pickup Group Data

The station number to be assigned to the Call Pickup Group with the following conditions.

- (1) Up to 60 station can be assigned per Call Pickup Group.
- (2) There is no limitation to the number of Call Pickup Groups.
- (3) The same one station cannot be assigned to multiple Call Pickup Groups.

2.6 Speed Calling-System Data

This data table requires the abbreviated code and the stored number to be sent out. A maximum stored number of 28 digits can be assigned.

2.7 Port Assignment Table

Specify the station number or trunk number corresponding to the LEN (Line Equipment Number) as shown in [Table 2-1](#). The LEN means physical location number within the PIM.

Table 2-1 Port Assignment Method

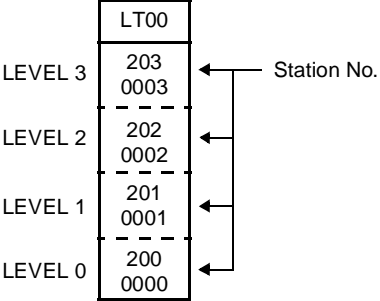
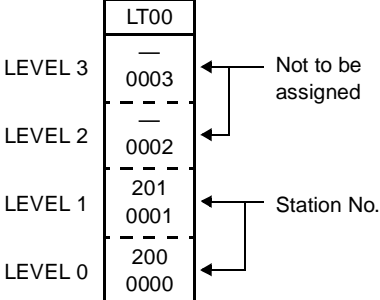
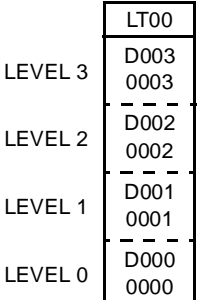
CARD TO BE ASSIGNED	PORT ASSIGNMENT TABLE	REMARKS
PN-4LC PN-4DLC		<ul style="list-style-type: none"> For the PN-4DLC, specify the My Line Numbers of D^{term} as shown below. <p style="text-align: center;"> FXXX My Line Number </p>
PN-AUC PN-2DLC		<ul style="list-style-type: none"> The station number must be assigned to the 1st LEN (LEVEL 0) and/or 2nd LEN (LEVEL 1) of each LT slot. For the PN-2DLC, specify the My Line Numbers of D^{term} as shown below. <p style="text-align: center;"> FXXX My Line Number </p>
PN-4COT PN-4DIT		

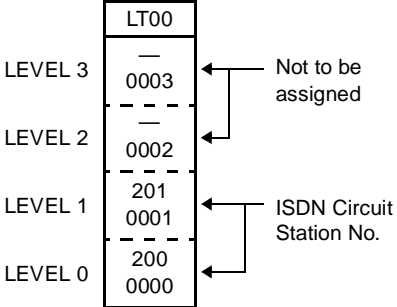
Table 2-1 Port Assignment Method (Continued)

CARD TO BE ASSIGNED	PORT ASSIGNMENT TABLE	REMARKS										
PN-AUC PN-2LDT PN-2ODT		The trunk number must be assigned to the 1st LEN (LEVEL 0) and/or 2nd LEN (LEVEL 1) of each LT slot.										
PN-2DAT		<ul style="list-style-type: none"> The card number must be assigned to the 1st LEN (LEVEL 0) and/or 3rd LEN (LEVEL 2) of each LT slot. The card numbers are allocated to each PIM as shown below. <table border="0"> <thead> <tr> <th><u>Card Number</u></th> <th><u>Accommodated in</u></th> </tr> </thead> <tbody> <tr> <td>EB000-EB031</td> <td>PIM0/PIM1</td> </tr> <tr> <td>EB032-EB063</td> <td>PIM2/PIM3</td> </tr> <tr> <td>EB064-EB095</td> <td>PIM4/PIM5</td> </tr> <tr> <td>EB096-EB127</td> <td>PIM6/PIM7</td> </tr> </tbody> </table>	<u>Card Number</u>	<u>Accommodated in</u>	EB000-EB031	PIM0/PIM1	EB032-EB063	PIM2/PIM3	EB064-EB095	PIM4/PIM5	EB096-EB127	PIM6/PIM7
<u>Card Number</u>	<u>Accommodated in</u>											
EB000-EB031	PIM0/PIM1											
EB032-EB063	PIM2/PIM3											
EB064-EB095	PIM4/PIM5											
EB096-EB127	PIM6/PIM7											
PN-8RST		<ul style="list-style-type: none"> The card number must be assigned to the 1st LEN (LEVEL 0) and/or 3rd LEN (LEVEL 2) of each LT slot. The card numbers are allocated to each PIM as shown below. <table border="0"> <thead> <tr> <th><u>Card Number</u></th> <th><u>Accommodated in</u></th> </tr> </thead> <tbody> <tr> <td>E200-E203</td> <td>PIM0/PIM1</td> </tr> <tr> <td>E204-E207</td> <td>PIM2/PIM3</td> </tr> <tr> <td>E208-E211</td> <td>PIM4/PIM5</td> </tr> <tr> <td>E212-E215</td> <td>PIM6/PIM7</td> </tr> </tbody> </table>	<u>Card Number</u>	<u>Accommodated in</u>	E200-E203	PIM0/PIM1	E204-E207	PIM2/PIM3	E208-E211	PIM4/PIM5	E212-E215	PIM6/PIM7
<u>Card Number</u>	<u>Accommodated in</u>											
E200-E203	PIM0/PIM1											
E204-E207	PIM2/PIM3											
E208-E211	PIM4/PIM5											
E212-E215	PIM6/PIM7											

Table 2-1 Port Assignment Method (Continued)

CARD TO BE ASSIGNED	PORT ASSIGNMENT TABLE	REMARKS										
PN-DK00	<p>Diagram for PN-DK00: A vertical stack of levels from 3 to 0. Level 3: LT00, —, 0003. Level 2: E801, 0002. Level 1: —, 0001. Level 0: E800, 0000. Arrows point from 'Not to be assigned' to levels 1, 2, and 3. An arrow points from 'Card No. (E800-E831)' to level 0.</p>	<ul style="list-style-type: none"> The card number must be assigned to the 1st LEN (LEVEL 0) and/or 3rd LEN (LEVEL 2) of each LT slot. The card numbers of External Equipment Interface are allocated to each PIM as shown below. <table border="1"> <thead> <tr> <th><u>Card Number</u></th> <th><u>Accommodated in</u></th> </tr> </thead> <tbody> <tr> <td>E800-E807</td> <td>PIM0/PIM1</td> </tr> <tr> <td>E808-E815</td> <td>PIM2/PIM3</td> </tr> <tr> <td>E816-E823</td> <td>PIM4/PIM5</td> </tr> <tr> <td>E824-E831</td> <td>PIM6/PIM7</td> </tr> </tbody> </table>	<u>Card Number</u>	<u>Accommodated in</u>	E800-E807	PIM0/PIM1	E808-E815	PIM2/PIM3	E816-E823	PIM4/PIM5	E824-E831	PIM6/PIM7
<u>Card Number</u>	<u>Accommodated in</u>											
E800-E807	PIM0/PIM1											
E808-E815	PIM2/PIM3											
E816-E823	PIM4/PIM5											
E824-E831	PIM6/PIM7											
	<p>Diagram for PN-DK00: A vertical stack of levels from 3 to 0. Level 3: LT00, —, 0003. Level 2: E901, 0002. Level 1: —, 0001. Level 0: E900, 0000. Arrows point from 'Not to be assigned' to levels 1, 2, and 3. An arrow points from 'Card No. (E900-E963)' to level 0.</p>	<ul style="list-style-type: none"> The card numbers of External Key Interface are allocated to each PIM as shown below. <table border="1"> <thead> <tr> <th><u>Card Number</u></th> <th><u>Accommodated in</u></th> </tr> </thead> <tbody> <tr> <td>E900-E915</td> <td>PIM0/PIM1</td> </tr> <tr> <td>E916-E931</td> <td>PIM2/PIM3</td> </tr> <tr> <td>E932-E947</td> <td>PIM4/PIM5</td> </tr> <tr> <td>E948-E963</td> <td>PIM6/PIM7</td> </tr> </tbody> </table>	<u>Card Number</u>	<u>Accommodated in</u>	E900-E915	PIM0/PIM1	E916-E931	PIM2/PIM3	E932-E947	PIM4/PIM5	E948-E963	PIM6/PIM7
<u>Card Number</u>	<u>Accommodated in</u>											
E900-E915	PIM0/PIM1											
E916-E931	PIM2/PIM3											
E932-E947	PIM4/PIM5											
E948-E963	PIM6/PIM7											
PN-CFT	<p>Diagram for PN-CFT: A vertical stack of levels from 3 to 0. Level 3: LT00, —, 0003. Level 2: —, 0002. Level 1: —, 0001. Level 0: ED00, 0000. Arrows point from 'Not to be assigned' to levels 1, 2, and 3. An arrow points from 'Card No. (ED00-ED03)' to level 0.</p>	<p>The card number must be assigned to the 1st LEN (LEVEL 0) of each LT slot.</p>										
PN-2AMP	<p>Diagram for PN-2AMP: A vertical stack of levels from 3 to 0. Level 3: LT00, —, 0003. Level 2: C101, 0002. Level 1: —, 0001. Level 0: C100, 0000. Arrows point from 'Not to be assigned' to levels 1, 2, and 3. An arrow points from 'Card No. (C100-C163)' to level 0.</p>	<ul style="list-style-type: none"> The card number must be assigned to the 1st LEN (LEVEL 0) and/or 3rd LEN (LEVEL 2) of each LT slot. The card numbers are allocated to each PIM as shown below. <table border="1"> <thead> <tr> <th><u>Card Number</u></th> <th><u>Accommodated in</u></th> </tr> </thead> <tbody> <tr> <td>C100-C115</td> <td>PIM0/PIM1</td> </tr> <tr> <td>C116-C131</td> <td>PIM2/PIM3</td> </tr> <tr> <td>C132-C147</td> <td>PIM4/PIM5</td> </tr> <tr> <td>C148-C163</td> <td>PIM6/PIM7</td> </tr> </tbody> </table>	<u>Card Number</u>	<u>Accommodated in</u>	C100-C115	PIM0/PIM1	C116-C131	PIM2/PIM3	C132-C147	PIM4/PIM5	C148-C163	PIM6/PIM7
<u>Card Number</u>	<u>Accommodated in</u>											
C100-C115	PIM0/PIM1											
C116-C131	PIM2/PIM3											
C132-C147	PIM4/PIM5											
C148-C163	PIM6/PIM7											

Table 2-1 Port Assignment Method (Continued)

CARD TO BE ASSIGNED	PORT ASSIGNMENT TABLE	REMARKS
PN-2ILC	 <p>The diagram shows a vertical stack of levels for an LT00 slot. At the top is 'LT00'. Below it are four levels, each with a dashed line above and below its numbers:</p> <ul style="list-style-type: none"> LEVEL 3: —, 0003 LEVEL 2: —, 0002 LEVEL 1: 201, 0001 LEVEL 0: 200, 0000 <p>Annotations with arrows point to the numbers:</p> <ul style="list-style-type: none"> An arrow from '0003' and '0002' points to the text 'Not to be assigned'. An arrow from '0001' and '0000' points to the text 'ISDN Circuit Station No.'. 	<ul style="list-style-type: none"> The ISDN circuit station number must be assigned to the 1st LEN (LEVEL 0) and/or 2nd LEN (LEVEL 1) of each LT slot.

3.2 Station Data

Table 2-3 Station Data Table

Department or Section				Tenant				PROGRAMMING: CM10,11,12,13,15
STATION NUMBER	TYPE OF TEL	SERVICE CLASS		RESTRICTION CLASS		DID TRUNK NUMBER	REMARKS	
		A	B	DAY	NIGHT			

Note: *If space is insufficient, use copies.*

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3.3 Trunk Data

Table 2-4 Trunk Data Table

					PROGRAMMING: CM10, 30, 35, 36		
ACCESS NUMBER	DESTINATION	KIND OF TRUNK	TYPE OF TRUNK	NUMBER OF LINE	DP/PB	KIND OF SIGNAL	REMARKS
			IC				
			OG				
			BW				
			IC				
			OG				
			BW				
			IC				
			OG				
			BW				
			IC				
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			BW				

Note: *If space is insufficient, use copies.*

3.4 Station Hunting Group Data

Table 2-5 Station Hunting Group Data Table

PROGRAMMING: CM18

KIND OF STATION HUNTING	KIND OF STATION HUNTING	KIND OF STATION HUNTING	KIND OF STATION HUNTING
Pilot ()	Pilot ()	Pilot ()	Pilot ()
Circular	Circular	Circular	Circular
Switch Back	Switch Back	Switch Back	Switch Back
SECRETARY STATION	SECRETARY STATION	SECRETARY STATION	SECRETARY STATION
STATION NUMBER	STATION NUMBER	STATION NUMBER	STATION NUMBER

Note: *If space is insufficient, use copies.*

3.5 Call Pickup Group Data

Table 2-6 Call Pickup Group Data Table

			PROGRAMMING: CM16
STATION NUMBER	STATION NUMBER	STATION NUMBER	STATION NUMBER

Note: *If space is insufficient, use copies.*

4. SYSTEM CONFIGURATION

4.1 Port Assignment Table

Table 2-8 Port Assignment Table (1/2)

LEN
FILL IN THE STATION NO./TRUNK NO.
LT SLOT NO.

[PIM3]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0195	0199	0203	0207	0211	0215	0219	0223	0227	0231	0235	0239	0243	0247	0251	0255
0194	0198	0202	0206	0210	0214	0218	0222	0226	0230	0234	0238	0242	0246	0250	0254
0193	0197	0201	0205	0209	0213	0217	0221	0225	0229	0233	0237	0241	0245	0249	0253
0192	0196	0200	0204	0208	0212	0216	0220	0224	0228	0232	0236	0240	0244	0248	0252

[PIM2]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0131	0135	0139	0243	0147	0151	0155	0159	0163	0167	0171	0175	0179	0183	0187	0191
0130	0134	0138	0142	0146	0150	0154	0158	0162	0166	0170	0174	0178	0182	0186	0190
0129	0133	0137	0141	0145	0149	0153	0157	0161	0165	0169	0173	0177	0181	0185	0189
0128	0132	0136	0140	0144	0148	0152	0156	0160	0164	0168	0172	0176	0180	0184	0188

[PIM1]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0067	0071	0075	0079	0083	0087	0091	0095	0099	0103	0107	0111	0115	0119	0123	0127
0066	0070	0074	0078	0082	0086	0090	0094	0098	0102	0106	0110	0114	0118	0122	0126
0065	0069	0073	0077	0081	0085	0089	0093	0097	0101	0105	0109	0113	0117	0121	0125
0064	0068	0072	0076	0080	0084	0088	0092	0096	0100	0104	0108	0112	0116	0120	0124

[PIM0]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0003	0007	0011	0015	0019	0023	0027	0031	0035	0039	0043	0047	0051	0055	0059	0063
0002	0006	0010	0014	0018	0022	0026	0030	0034	0038	0042	0046	0050	0054	0058	0062
0001	0005	0009	0013	0017	0021	0025	0029	0033	0037	0041	0045	0049	0053	0057	0061
0000	0004	0008	0012	0016	0020	0024	0028	0032	0036	0040	0044	0048	0052	0056	0060

Table 2-8 Port Assignment Table (2/2)

LEN
 FILL IN THE STATION NO./TRUNK NO.
 LT SLOT NO.

[PIM7]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0451	0455	0459	0463	0467	0471	0475	0479	0483	0487	0491	0495	0499	0503	0507	0511
0450	0454	0458	0462	0466	0470	0474	0478	0482	0486	0490	0494	0498	0502	0506	0510
0449	0453	0457	0461	0465	0469	0473	0477	0481	0485	0489	0493	0497	0501	0505	0509
0448	0452	0456	0460	0464	0468	0472	0476	0480	0484	0488	0492	0496	0500	0504	0508

[PIM6]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0387	0391	0395	0399	0403	0407	0411	0415	0419	0423	0427	0431	0435	0439	0443	0447
0386	0390	0394	0398	0402	0406	0410	0414	0418	0422	0426	0430	0434	0438	0442	0446
0385	0389	0393	0397	0401	0405	0409	0413	0417	0421	0425	0429	0433	0437	0441	0445
0384	0388	0392	0396	0400	0404	0408	0412	0416	0420	0424	0428	0432	0436	0440	0444

[PIM5]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0323	0327	0331	0335	0339	0343	0347	0351	0355	0359	0363	0367	0371	0375	0379	0383
0322	0326	0330	0334	0338	0342	0346	0350	0354	0358	0362	0366	0370	0374	0378	0382
0321	0325	0329	0333	0337	0341	0345	0349	0353	0357	0361	0365	0369	0373	0377	0381
0320	0324	0328	0332	0336	0340	0344	0348	0352	0356	0360	0364	0368	0372	0376	0380

[PIM4]

LT00	LT01	LT02	LT03	LT04	LT05	LT06	LT07	LT08	LT09	LT10	LT11	LT12	LT13	LT14	LT15
0259	0263	0267	0271	0275	0279	0283	0287	0291	0295	0299	0303	0307	0311	0315	0319
0258	0262	0266	0270	0274	0278	0282	0286	0290	0294	0298	0302	0306	0310	0314	0318
0257	0261	0265	0269	0273	0277	0281	0285	0289	0293	0297	0301	0305	0309	0313	0317
0256	0260	0264	0268	0272	0276	0280	0284	0288	0292	0296	0300	0304	0308	0312	0316

4.2 Bay Face Layout for Module

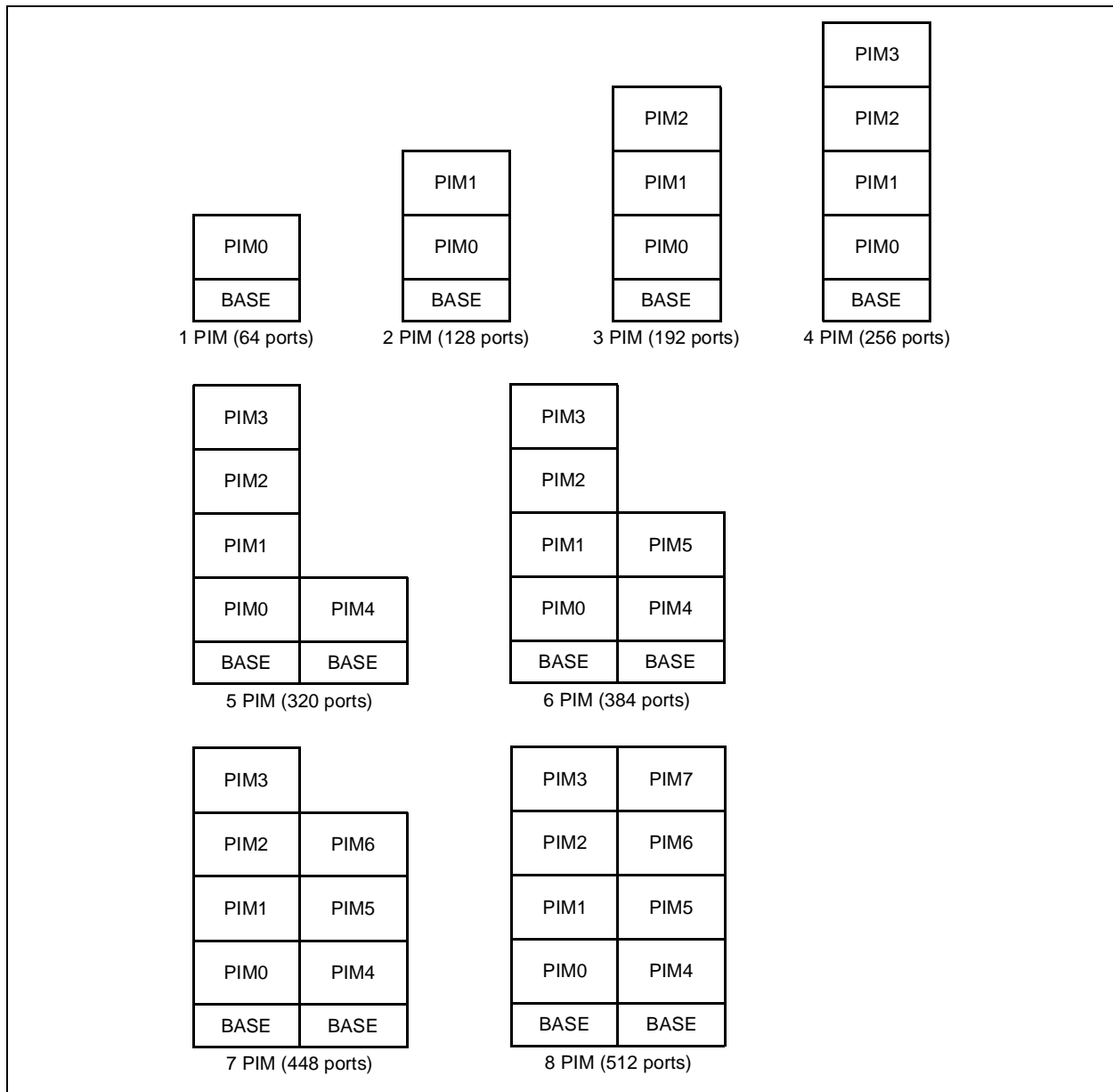


Figure 2-1 Module Configuration (Floor Standing)

Table 2-9 Quantity Table for Module

FUNCTIONAL NAME	MODULE	QUANTITY	REMARKS
PIM	SN1174 PIM-A		
BASE	BASE (A) ASSEM		
	RACK PARTS		
	COVER PARTS		

4.3 Bay Face Layout for Cards

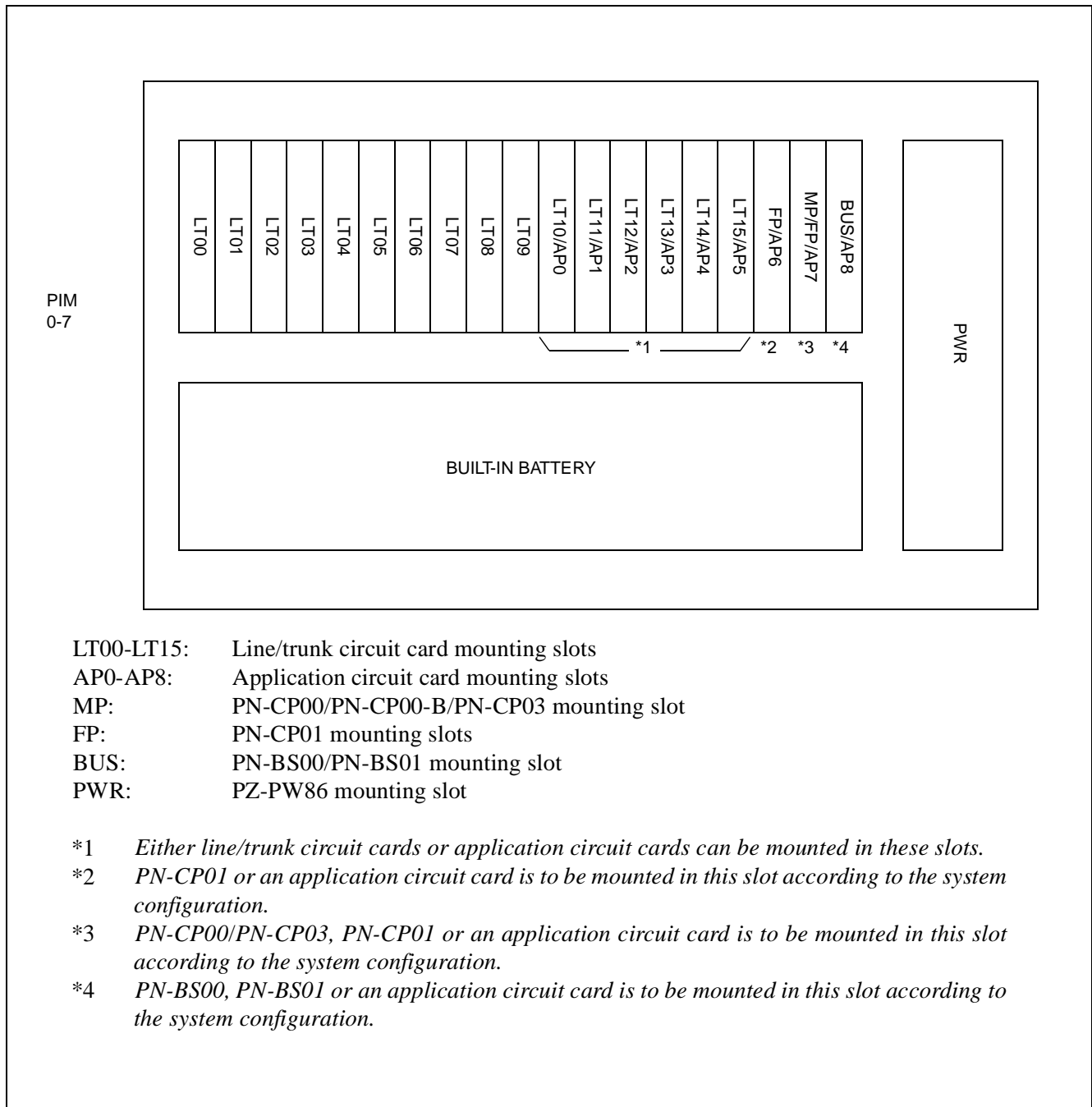


Figure 2-2 Circuit Card Mounting Slots

Note: For the details of mounting condition, refer to Circuit Card Manual.

Table 2-10 Quantity Table for Line/Trunk Circuit Cards

FUNCTIONAL NAME	CARD NAME	PIM0	PIM1	PIM2	PIM3	PIM4	PIM5	PIM6	PIM7	TOTAL
LC	PN-4LC									
AUC	PN-AUC									
DLC	PN-4DLC/ PN-2DLC									
COT	PN-4COT									
ODT	PN-2ODT									
PBR	PN-8RST									
DK	PN-DK00									
DAT	PN-2DAT									
CFT	PN-CFT									
DPC	PN-2DPC									
TNT	PN-TNT									
DIT	PN-4DIT									
AMP	PN-2AMP									
ILC	PN-2ILC									
M03	PN-M03									

Table 2-11 Quantity Table for Control Circuit Cards

FUNCTIONAL NAME	CARD NAME	PIM0	PIM1	PIM2	PIM3	PIM4	PIM5	PIM6	PIM7	TOTAL
BS00	PN-BS00									
BS01	PN-BS01									
FP	PN-CP01									
MP	PN-CP00/ PN-CP00-B/ PN-CP03	1	-	-	-	-	-	-	-	1
PWR	PZ-PW86									

Table 2-12 Quantity Table for Application Circuit Cards

FUNCTIONAL NAME	CARD NAME	PIM0	PIM1	PIM2	PIM3	PIM4	PIM5	PIM6	PIM7	TOTAL
AP00	PN-AP00									
AP01	PN-AP01									
BRI	PN-BRTA									
BRI	PN-2BRTC									
CCH	PN-SC00									
CIR	PN-4RSTC									
DBM	PN-AP00									
DCH	PN-SC01									
DTI	PN-24DTA									
DTI	PN-30DTC									
DTI	PN-30DTC-A									
ETHER	PN-CC00									
ETHER	PN-CC01									
EXTMEM	PN-ME00									
ICH	PN-SC02/SC03									
MFR	PN-4RST									
PLO	PN-CK00									

This page is for your notes.

CHAPTER 3 DATA PROGRAMMING SHEETS

1. GENERAL

This chapter provides the System Data Sheets for programming the Customer Specifications in Chapter 2. For the programming method and the detailed information on the commands, refer to the Command Manual.

In the Programming sheets, the meanings of markings are as follows:

◀ : Initial Data

With the system data clear command (CM00, CM01), the data with this marking is automatically assigned for each command.

In the programming sheets, initial data, which are automatically loaded into the memory after system initialization, are indicated with “◀.” Therefore, the installer should confirm the meaning of initial data, and change or delete the data, if required.

INITIAL : System Initialization

After entering the data, a system reset is required (Depress SW1 of the MP card).

MAT : MAT Mode

If there is a **MAT** abbreviation under the command code designation, then programming can be accomplished by the MAT mode of programming instead of the MOC mode or CAT mode.

(MAT) CM05 (INITIAL)	
SLOT NUMBER	DATA
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	

COMMAND 05: [ST] + 05 + [DE] + SLOT NUMBER (2 digits) + [DE] + SETTING DATA (2 digits) + [EXE]

CM06 YY = 04		INITIAL
MFR TRK No.	SLOT No.	CIRCUIT No.
00		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		

- YY = 04

COMMAND 06: +0604 + + MFR TRK No. (2 digits) + + SLOT No. (3 digits) + CIRCUIT No. +

CM06 YY = 07		INITIAL
CCH No.	SLOT No.	
0		
1		
2		
3		

- YY = 07

COMMAND 06: ST + 0607 + DE + $\frac{\text{CCH No.}}{(1 \text{ digit})}$ + DE + $\frac{\text{SLOT No.}}{(2 \text{ digits})}$ + EXE

CM06 YY = 08		INITIAL
DCH No.	SLOT No.	
0		
1		
2		
3		
4		

- YY = 08

COMMAND 06: ST + 0608 + DE + $\frac{\text{DCH No.}}{(1 \text{ digit})}$ + DE + $\frac{\text{SLOT No.}}{(2 \text{ digits})}$ + EXE

CM06 YY = 09		INITIAL
ICH No.	SLOT No.	
00		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		

- YY = 09

COMMAND 06: + 0609 + + $\frac{\text{ICH No.}}{(2 \text{ digits})}$ + + $\frac{\text{SLOT No.}}{(2 \text{ digits})}$ +

Note: If space is insufficient, use copies.

CM06 YY=10			
SLOT No. + D CHANNEL BLOCK No.	LEN	SLOT No. + D CHANNEL BLOCK No.	LEN

COMMAND 06: **ST** + 0610 + **DE** + SLOT No. + D ch BLOCK No. + **DE** + LEN (4 digits) + **EXE**
(4 digits)

CM07 YY=01		INITIAL
SLOT No.	CH No.	TRK No.
	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	

CM07 YY=01		INITIAL
SLOT No.	CH No.	TRK No.
	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	

COMMAND 07: [ST] + 07YY + [DE] + SLOT No. + CH No. + [DE] + TRUNK No. + [EXE]
(4 digits) (4 digits)

Note: If space is insufficient, use copies.

CM07 YY=02		INITIAL
SLOT No.	CH No.	TRK No.
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	
	00	
	01	
	02	
	03	

COMMAND 07: **[ST]** + 07YY + **[DE]** + SLOT No. + CH No. + **[DE]** + TRUNK No. + **[EXE]**
(4 digits) (4 digits)

CM07 YY=05				INITIAL	
Home-Side TRK Virtual CH No.		TRK No.	Mate-Side TRK Virtual CH No.		TRK No.
32	00		32	01	
	02			03	
	04			05	
	06			07	
	08			09	
	10			11	
	12			13	
	14			15	
	16			17	
	18			19	
	20			21	
	22			23	
	24			25	
	26			27	
28		29			
30		31			

COMMAND 07: **[ST]** + 07YY + **[DE]** + $32 + \text{CH No.}$
(4 digits) + **[DE]** + TRUNK No.
(4 digits) + **[EXE]**

CM08

FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀
010		102		183		274		401			
011		103		185		279		402			
012		104		187		280		403			
014		110		193		281		404			
018		111		194		282		405			
021		112		199		283		424			
022		113		200		284		425			
025		115		201		286		426			
026		116		204		287		427			
027		117		205		289		428			
028		119		206		293		430			
029		120		207		294		431			
032		121		208		301		432			
035		123		212		311		434			
036		124		214		319		441			
037		125		215		322		442			
040		128		216		324		443			
043		130		217		331		444			
044		133		220		333		445			
045		135		221		334		448			
046		136		222		335		450			
048		137		227		352		451			
050		138		228		353		460			
051		139		229		357		461			
053		141		232		359		462			
055		142		233		361		463			
056		143		234		362		467			
057		145		235		363		472			
058		146		236		365		474			
062		147		237		366		475			
063		148		238		367					
064		149		239		368					
067		150		240		369					
068		151		241		370					
069		153		244		371					
070		155		245		372					
071		156		246		373					
072		157		250		374					
073		158		251		376					
074		161		252		377					
076		162		253		378					
077		163		254		379					
078		165		255		380					
085		168		259		381					
086		171		262		382					
088		172		264		386					
089		176		265		387					
094		177		267		388					
095		178		268		390					
096		179		269		391					
098		180		270		394					
101		181		271		400					

INITIAL

COMMAND 08: **[ST]** + 08 + **[DE]** + FEATURE No. (3 digits) + **[DE]** + SETTING DATA (0/1) + **[EXE]**

◀: Initial Data

CM09											INITIAL
FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀	FEATURE No.	DATA 0/1 ◀
52											
53											

COMMAND 09: ST + 09 + DE + $\begin{matrix} \text{FEATURE No.} \\ (2 \text{ digits}) \end{matrix}$ + DE + $\begin{matrix} \text{SETTING DATA} \\ (0/1) \end{matrix}$ + EXE

LEN	(MAT) CM10	(MAT) CM11	CM12												
	STATION No. TRUNK No. CARD No. (1-5 DIGITS)	VIRTUAL LINE No. (1-4 DIGITS)	YY												
			00 (PB/DP)	01 (RSCA) (RSCB)		02 (SFCA) (SFCB)		03 (TEL)	04 (TENT)	05 (LNKD)	07 (SFCC)	12 (ISUBN)	13 (LOCT)	16 (PVTRK)	
			1/2	DAY	NIGHT	A	B	00 }	00 }	0/1	00 }	x }	00 }	D000 }	x }
				1	1	00	00	15	01	1	15		D000	x	
				8	8	15	15	15	63				D255	xxxx	
				1	1	15	15	15	01	1	15				

COMMAND 10: **[ST]** + 10 + **[DE]** + LEN (4 digits) + **[DE]** + SETTING DATA (1-5 digits) + **[EXE]**

COMMAND 11: **[ST]** + 11 + **[DE]** + VIRTUAL LEN (4 digits) + **[DE]** + VIRTUAL LINE (1-4 digits) + **[EXE]**

COMMAND 12: **[ST]** + 12YY + **[DE]** + STATION NUMBER (1-4 digits) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

◀ : Initial Data

CM12		
YY		
17	22	23
0 3	0 / 1	0 3
3	1	3

COMMAND 12: **[ST]** + 12YY + **[DE]** + STATION NUMBER (1-4 digits) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

CM13													
YY													
00 (DNDS)	01 (RCOF)	02 (OFAL)	03 (MSGW)	04 (HOWLR)	05 (SMDSI)	06 (SMDSO)	07 (DL)	08 (MRNG)	09 (PAD)	10 (VMSST)	11 (AICM)	12 (SEC)	13 (FRONT)
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
1	1	1	1	1	1	1	1	1	1	1	1	1	1

COMMAND 13: ST + 13YY + DE + STATION NUMBER (1-4 digits) + DE + SETTING DATA (1 digit) + EXE

CM13														
YY														
14 (HNTA)	15 (HNTB)	18	21 (VIP)	22 (MOPN)	23	25 (CLIR)	28 (OHVA)	29 (VFAX)	32	33	34	35	36	39
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
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

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CM15																	
YY/YYY No.	SERVICE CLASS A																
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
00																	1
01																	1
02																	1
03																	1
04																	1
05																	1
06																	1
07																	1
08																	1
09																	1
10																	1
11																	1
12																	1
13																	1
14																	1
15																	1
16																	1
17																	1
18																	1
19																	1
20																	1
21																	1
22																	1
24																	1
25																	1
26																	1
27																	1
28																	1
29																	1
30																	1

COMMAND 15:

ST + 15YY + DE + SERVICE RESTRICTION + DE + SETTING DATA + EXE
 CLASS A/B/C (0/1)
 (00-15)

CM15																	
YY/YYY No.	SERVICE CLASS A																
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
31																	1
32																	1
33																	1
34																	1
35																	1
36																	1
37																	1
38																	1
39																	1
40																	1
41																	1
42																	1
43																	1
44																	1
46																	1
47																	1
48																	1
49																	1
95																	1
100																	1
102																	1
103																	1
104																	1
111																	1
112																	1
115																	1
116																	1
117																	1
119																	1
120																	1
124																	1
127																	1
128																	1
129																	1

COMMAND 15: [ST] + 15YY + [DE] + SERVICE RESTRICTION CLASS A/B/C (00-15) + [DE] + SETTING DATA (0/1) + [EXE]

CM15																	
YY/YYY No.	SERVICE CLASS B																
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
53																	1
55																	1
56																	1
59																	1
60																	1
61																	1
62																	1
63																	1
64																	1
66																	1
67																	1
68																	1
69																	1
70																	1
71																	1
72																	1
73																	1
75																	1
78																	1

COMMAND 15: **[ST]** + 15YY + **[DE]** + SERVICE RESTRICTION CLASS A/B/C (00-15) + **[DE]** + SETTING DATA (0/1) + **[EXE]**

CM15																	
YY/YYYY No.	SERVICE CLASS C																
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
80																	1
81																	1
82																	1
83																	1
84																	1
86																	1
87																	1
88																	1
89																	1
90																	1
91																	1
96																	1
97																	1
98																	1
99																	1
110																	1
182																	1

COMMAND 15: [ST] + 15YY + [DE] + SERVICE RESTRICTION CLASS A/B/C (00-15) + [DE] + SETTING DATA (0/1) + [EXE]

This page is for your notes.

Note: If space is insufficient, use copies.

MAT CM16	
Y = 2	
GRP No.	STATION NUMBER
Group Diversion Group ()	

MAT CM16	
Y = 2	
GRP No.	STATION NUMBER
Group Diversion Group ()	

MAT CM16	
Y = 2	
GRP No.	STATION NUMBER
Group Diversion Group ()	

- Y=2

COMMAND 16: \boxed{ST} + 16 2 + \boxed{DE} + STATION NUMBER + \boxed{DE} + GROUP No. + \boxed{EXE}
 (1-4 digits) (2 digits)

Note: If space is insufficient, use copies.

◀: Initial Data

CM17									
STATION NUMBER (A)	Y								
	0	1 (PILOT STA No.)	2 (GROUP No.)	4 (U0)	5 (U1)	6 (U2)	7 (U3)	A (U6)	B (U7)
	STATION NUMBER (B)	MEMBER OR PILOT (0 ◀ 1-3)	UCD GROUP (00-15)	(0/1 ◀)	(0/1 ◀)	(0/1 ◀)	(0/1 ◀)	(0/1 ◀)	(0/1 ◀)

COMMAND 17:

$$\boxed{\text{ST}} + 17 \text{ Y} + \boxed{\text{DE}} + \text{STATION NUMBER (A)} + \boxed{\text{DE}} + \text{SETTING DATA} + \boxed{\text{EXE}}$$

(1-4 digits) (1-4 digits)

Note: If space is insufficient, use copies.

(MAT) CM18			(MAT) CM19					
STATION NUMBER (A)	Y			Y				
	0	1	2	0	1	2	6	
STATION NUMBER (B)	KIND OF STATION HUNT (0 ◀/1)	SECRETARY STATION SERIAL No. (00 - 31 ◀)	SECRETARY STATION SERIAL No.	HUNT METHOD (5/7)	SECRETARY STATION SERIAL No.	GROUP DIVERSION NUMBER(B)	TRANSFERED STATION No.	

COMMAND 18: [ST] + 18Y + [DE] + STATION NUMBER (A) + [DE] + SETTING DATA + [EXE]
(1-4 digits) (1-4 digits)

COMMAND 19: [ST] + 19Y + [DE] + SECRETARY STATION / GROUP DIVERSION + [DE]
SERIAL NUMBER / GROUP(00-30)
(00-30)
+ DATA + [EXE]
(1-4 digits)

CM1B		
ISDN CIRCUIT STATION No.	ISDN MULTI-POINTS No.	SETTING DATA
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	

CM1B		
ISDN CIRCUIT STATION No.	ISDN MULTI-POINTS No.	SETTING DATA
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	
	0	
	1	
	2	
	3	
	4	
	5	
	6	
	7	

COMMAND 1B: **[ST]** +1B+ **[DE]** + ISDN CIRCUIT STATION No. (1-4 digits) + **[,]** + ISDN MULTI-POINTS No. (0-7) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

Note: If space is insufficient, use copies.

CM1C		CM1D YY=01	CM1D YY=15	CM1D YY=20	CM1D YY=21
VIRTUAL PS No.	PS STATION No.	SUB-LINE PS No.	TERMINAL KIND	SETTING DATA	PS-ID

COMMAND 1C: [ST] + 1C + [DE] + $\begin{matrix} \text{VIRTUAL PS No.} \\ (4 \text{ digits}) \end{matrix}$ + [DE] + $\begin{matrix} \text{PS STATION No.} \\ (1-4 \text{ digits}) \end{matrix}$ + [EXE]

COMMAND 1D: [ST] + 1DYY + [DE] + $\begin{matrix} \text{PS STATION No.} \\ (1-4 \text{ digits}) \end{matrix}$ + [DE] + $\begin{matrix} \text{SETTING DATA} \\ (1-8 \text{ digits}) \end{matrix}$ + [EXE]

CM22		
YY	PRIORITY	SETTING DATA
00	0	
	1	
	2	
	3	
01	0	
	1	
	2	
	3	
02	0	
	1	
	2	
	3	
03	0	
	1	
	2	
	3	
04	0	
	1	
	2	
	3	
05	0	
	1	
	2	
	3	
06	0	
	1	
	2	
	3	
07	0	
	1	
	2	
	3	
08	0	
	1	
	2	
	3	
09	0	
	1	
	2	
	3	
10	0	
	1	
	2	
	3	

CM22		
YY	PRIORITY	SETTING DATA
11	0	
	1	
	2	
	3	
12	0	
	1	
	2	
	3	
13	0	
	1	
	2	
	3	
14	0	
	1	
	2	
	3	
15	0	
	1	
	2	
	3	
16	0	
	1	
	2	
	3	
17	0	
	1	
	2	
	3	
18	0	
	1	
	2	
	3	
19	0	
	1	
	2	
	3	
20	0	
	1	
	2	
	3	
21	0	
	1	
	2	
	3	

CM22		
YY	PRIORITY	SETTING DATA
22	0	
	1	
	2	
	3	
23	0	
	1	
	2	
	3	
24	0	
	1	
	2	
	3	
25	0	
	1	
	2	
	3	
26	0	
	1	
	2	
	3	
27	0	
	1	
	2	
	3	
28	0	
	1	
	2	
	3	
29	0	
	1	
	2	
	3	
30	0	
	1	
	2	
	3	
31	0	
	1	
	2	
	3	
	0	
	1	
	2	
	3	

COMMAND 22: **[ST]** + 22YY + **[DE]** + PRIORITY + **[DE]** + SETTING DATA + **[EXE]**
 (1 digit) (3 digits)

Note: If space is insufficient, use copies.

CM23				
YY (00-23)	TENANT NUMBER	SETTING DATA		
	00			
	01			
	02			
	03			
	04			
	05			
	06			
	07			
	08			
	09			
	10			
	11			
	12			
	13			
	14			
	15			

CM23				
YY (00-23)	TENANT NUMBER	SETTING DATA		
	16			
	17			
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			

CM23				
YY (00-23)	TENANT NUMBER	SETTING DATA		
	32			
	33			
	34			
	35			
	36			
	37			
	38			
	39			
	40			
	41			
	42			
	43			
	44			
	45			
	46			
	47			

CM23				
YY (00-23)	TENANT NUMBER	SETTING DATA		
	48			
	49			
	50			
	51			
	52			
	53			
	54			
	55			
	56			
	57			
	58			
	59			
	60			
	61			
	62			
	63			

COMMAND 23: ST + 23YY + DE + TENANT NUMBER (2 digits) + DE + SETTING DATA (3 digits) + EXE

CM24				
YY	KIND OF TERMINAL	SETTTING DATA		
00	0			
	1			
	2			
	3			
01	0			
	1			
	2			
	3			
02	0			
	1			
	2			
	3			
03	0			
	1			
	2			
	3			
04	0			
	1			
	2			
	3			
05	0			
	1			
	2			
	3			
06	0			
	1			
	2			
	3			
07	0			
	1			
	2			
	3			
08	0			
	1			
	2			
	3			
09	0			
	1			
	2			
	3			

CM24				
YY	KIND OF TERMINAL	SETTTING DATA		
10	0			
	1			
	2			
	3			
11	0			
	1			
	2			
	3			
12	0			
	1			
	2			
	3			
13	0			
	1			
	2			
	3			
14	0			
	1			
	2			
	3			
15	0			
	1			
	2			
	3			
16	0			
	1			
	2			
	3			
17	0			
	1			
	2			
	3			
18	0			
	1			
	2			
	3			
19	0			
	1			
	2			
	3			

COMMAND 24: ST + 24YY + DE + KIND OF TERMINAL (1 digit) + DE + SETTING DATA (3 digits) + EXE

CM25				
YY	KIND OF SPECIAL TERMINAL	SETTTING DATA		
00	0			
	1			
01	0			
	1			
02	0			
	1			
03	0			
	1			
04	0			
	1			
05	0			
	1			
06	0			
	1			
07	0			
	1			

CM25				
YY	KIND OF SPECIAL TERMINAL	SETTTING DATA		
08	0			
	1			
09	0			
	1			
10	0			
	1			
11	0			
	1			
12	0			
	1			
13	0			
	1			
14	0			
	1			
15	0			
	1			

COMMAND 25: **[ST]** + 25YY + **[DE]** + KIND OF SPECIAL TERMINAL (1 digit) + **[DE]** + SETTING DATA (3 digits) + **[EXE]**

MAT		CM26		
NUMBER OF CLOSED NUMBER BLOCK	SETTING DATA			
	Y = 0 (RT DATA)	Y = 1 (ADDITIONAL DIGITS)	Y = 2 (ADDITIONAL KIND)	
00				
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				

COMMAND 26:

ST + 26Y + DE + NUMBER OF CLOSED NUMBER BLOCK (00-31) + DE + SETTING DATA (1-10 digits) + EXE

MAT CM29	
TENANT (TN No.)	SETTING DATA
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

MAT CM29	
TENANT (TN No.)	SETTING DATA
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	

COMMAND 29: **[ST]** + 29 + **[DE]** + TENANT NUMBER. + **[DE]** + SETTING DATA + **[EXE]**
(2 digits) (3 digits)

CM2A											
ID CODE No. (00-99)	Y										
	0	1	2	3	4	5	6	7	8		
	ID CODE (MAX. 8 DIGITS)	1 ? 3	1 ? 8	00 ? 15	00 ? 15	00 ? 15	1 ? 8	1 ? 8	00 ? 15	00 ? 15	00 ? 15
		NONE	1	15	15	15		1	15	15	15

COMMAND 2A: **[ST]** + 2AY + **[DE]** + ID CODE No. + **[DE]** + SETTING DATA + **[EXE]**
 (2 digits) (1-8 digits)

Note: If space is insufficient, use copies.

◀: Initial Data

MAT												
CM30												
TRUNK NUMBER	YY											
	00 (RT)	01 (TN)	02 (DIC)	03 (NIC)	04 (DDIT)	05 (NDIT)	07 (IPRA)	08 (NTMB)	09 (TRKG)	12 (ACC)	13 (DBSY)	14 (NBSY)
	00 ? 63	00 ? 63	00 ? 31	00 ? 31	x ? xxxx Cxx EBxxx	x ? xxxx Cxx EBxxx	000 ? 029	0/1	01 ? 62	0/1	00 ? 15	00 ? 15
		01	31	31				1			15	15

COMMAND 30: [ST] + 30YY + [DE] + TRUNK NUMBER + [DE] + SETTING DATA + [EXE]
 (000-255) (1-5 digits)

CM30													TRUNK NUMBER
YY													
15 (DDNA)	16 (NDNA)	17 (TASG)	18 (MAST)	19 (LDN)	28 (PAGA)	30 (DRAD)	31 (NRAD)	32 (RATO)	33 (RAB)	34 (ILOC)	35 (CIC7)	37	
00 ? 15	00 ? 15	00 ? 63	0/1	xxxx	xx	00 ? 15	00 ? 15	00 ? 15	00 ? 15	00 ? 15	001 ? 127	00 ? 15	◀
			1			15	15	15	15	15		15	

CM31		
Y	1ST DATA	2ND DATA
1	0	
	1	
	2	
	3	
2	0	
	1	
	2	
	3	
3	00	
A	14	
	16	
	17	
	18	
B	05	

INITIAL

INITIAL

COMMAND 31: ST + 31Y + DE + $\frac{\text{IST DATA (1-2 digits)}}{\text{(1-2 digits)}}$ + DE + $\frac{\text{2ND DATA (1-2 digits)}}{\text{(1-2 digits)}}$ + EXE

Note: If space is insufficient, use copies.

MAT		CM35											
TRUNK ROUTE	NUMBER OF TRUNKS	ACCESS CODE	YY/YYY										
			00 (TK)	01 (PBDP)	02 (OGIC)	03 (NAME)	04 (ANS)	05 (RLS)	08 (DIAL)	09 (SIGI)	10 (DT)	11 (TRP)	12 (PDG)
			00 ? 15	0 ? 7	0 ? 3	00 ? 63	0 ? 7	0/1	1 ? 3	00 ? 15	0/1	0 ? 3	0 ? 3
00													
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13													
14													
15													
16													
/	/	/	15	7	3	15	7	1	3	15	1	3	3

COMMAND 35: **[ST]** + 35YY/YYY + **[DE]** + TRUNK ROUTE (2 digits) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

CM35													TRUNK ROUTE
YY/YYYY													
13 (MAXD)	14 (SMDO)	15 (ICI)	16 (SHF)	17 (SKP)	18 (DID)	19 (PAD)	20 (SNDS)	21 (PPT)	23 (IDDP)	24 (IDPB)	25 (DPLS)	26 (PBLs)	
000 ? 031	0/1	00 ? 75	0/1	00 ? 15	0/1	0 ? 7	00 ? 15	00 ? 15	0 ? 7	0 ? 7	0/1	0/1	
													00
													01
													02
													03
													04
													05
													06
													07
													08
													09
													10
													11
													12
													13
													14
													15
													16
	1		1	15	1	7	15	15	7	7	1	1	

Note: If space is insufficient, use copies.

CM35														
TRUNK ROUTE	YY/YYY													
	28 (OGQ)	32 (LEDI)	33 (RG)	34 (TONE)	36	37	38	39 (RVTV)	40 (AC)	43 (BWPC)	44 (S2DC)	45 (RDP)	46 (RPB)	48
	0/1	0/1	0~3	0~3	0/1	0/1	0/1	0/1	00 ? 31	00 ? 15	00 ? 99	0 ? 7	0 ? 7	0/1
00														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
16														
	1	1	3	3	1	1	1	1	31	15		7	7	1

COMMAND 35: **[ST]** + 35YY/YYY + **[DE]** + TRUNK ROUTE (2 digits) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

CM35													TRUNK ROUTE
YY/YYYY													
49 (SMDI)	51 (ORCA)	52 (ORCB)	53 (ORCC)	54 (ORCD)	55 (ORCE)	56 (ORCF)	57 (ORCG)	58 (ORCH)	59	60	61 (IRCA)	62 (IRCB)	
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	
													00
													01
													02
													03
													04
													05
													06
													07
													08
													09
													10
													11
													12
													13
													14
													15
													16
1	1	1	1	1	1	1	1	1	1	1	1	1	

Note: If space is insufficient, use copies.

MAT		CM35												
TRUNK ROUTE	YY/YYY													
	63 (IRCC)	64 (IRCD)	65 (IRCE)	66 (IRCF)	67 (IRCG)	68 (IRCH)	69 (AN0)	70 (AN1)	71 (AN2)	72 (AN3)	73 (AN4)	74 (VRAN)	75	76 (DCP)
	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
00														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
16														
/	1	1	1	1	1	1	1	1	1	1	1	1	1	15

COMMAND 35: **[ST]** + 35YY/YYY + **[DE]** + TRUNK ROUTE (2 digits) + **[DE]** + SETTING DATA (1-4 digits) + **[EXE]**

CM35														
YY/YYYY														TRUNK ROUTE
78	83 (SER)	86 (CTX)	87	89 (CRCD)	90 (SPFA)	91 (CCH7)	92 (CDTI)	93 (DCHI)	97	98	100	104	105	
0/1	0/1	0/1	0/1	0/1	0 1 7	0 1 3	0 1 7	00 1 15	XX	0/1	00 1 14	1 1 3	0/1	0/1
														00
														01
														02
														03
														04
														05
														06
														07
														08
														09
														10
														11
														12
														13
														14
														15
														16
1	1	1	1	1	7		7	15		1	00	3	1	1

◀: Initial Data

CM35											TRUNK ROUTE
YY/YYYY											
127	129	135	138	139	140	141	142	143	146		
0/1	0 7	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
											00
											01
											02
											03
											04
											05
											06
											07
											08
											09
											10
											11
											12
											13
											14
											15
											16
1	7	1	1	1	1	1	1	1	1	1	◀

Note: If space is insufficient, use copies.

(MAT)		CM35												
TRUNK ROUTE	NUMBER OF TRUNKS	ACCESS CODE	YY/YYY											
			00 (TK)	01 (PBDP)	02 (OGIC)	03 (NAME)	04 (ANS)	05 (RLS)	06 (DTDF)	08 (DIAL)	09 (SIGI)	10 (DT)	11 (TRP)	12 (PDG)
			00 ? 15	0 ? 7	0 ? 3	00 ? 15	0 ? 7	0/1	0/1	1 ? 3	00 ? 15	0/1	0 ? 3	0 ? 3
/	/	/	15	7	3	15	7	1	1	3	15	1	3	3

COMMAND 35: ST + 35YY/YYY + DE + TRUNK ROUTE (2 digits) + DE + SETTING DATA (1-4 digits) + EXE

◀: Initial Data

CM35													TRUNK ROUTE
YY/YYY													
13 (MAXD)	14 (SMDO)	15 (ICI)	16 (SHF)	17 (SKP)	18 (DID)	19 (PAD)	20 (SNDS)	21 (PPT)	23 (IDDP)	24 (IDPB)	25 (DPLS)	26 (PBLs)	
000		00		00		0	00	00	0	0			
?	0/1	?	0/1	?	0/1	?	?	?	?	?	0/1	0/1	
031		75		15		7	15	15	7	7			
	1		1	15	1	7	15	15	7	7	1	1	

Note: If space is insufficient, use copies.

CM35														
TRUNK ROUTE	YY/YYY													
	28 (OGQ)	32 (LEDI)	33 (RG)	34 (TONE)	36	37	38	39 (RVTV)	40 (AC)	43 (BWPC)	44 (S2DC)	45 (RDP)	46 (RPB)	48
	0/1	0/1	0 ? 3	0 ? 3	0/1	0/1	0/1	0/1	00 ? 31	00 ? 15	00 ? 99	0 ? 7	0 ? 7	0/1
	1	1	3	3	1	1	1	1	31	15		7	7	1

COMMAND 35: ST + 35YY/YYY + DE + TRUNK ROUTE (2 digits) + DE + SETTING DATA (1-4 digits) + EXE

CM35													TRUNK ROUTE
YY/YYY													
49 (SMDI)	51 (ORCA)	52 (ORCB)	53 (ORCC)	54 (ORCD)	55 (ORCE)	56 (ORCF)	57 (ORCG)	58 (ORCH)	59	60	61 (IRCA)	62 (IRCB)	
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	
1	1	1	1	1	1	1	1	1	1	1	1	1	

Note: If space is insufficient, use copies.

(MAT)		CM35													
TRUNK ROUTE	YY/YYY														
	63 (IRCC)	64 (IRCD)	65 (IRCE)	66 (IRCF)	67 (IRCG)	68 (IRCH)	69 (AN0)	70 (AN1)	71 (AN2)	72 (AN3)	73 (AN4)	74 (VRAN)	75	76 (DCP)	
	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	00 ? 15	
/	1	1	1	1	1	1	1	1	1	1	1	1	1	15	

COMMAND 35: [ST] + 35YY/YYY + [DE] + TRUNK ROUTE (2 digits) + [DE] + SETTING DATA (1-4 digits) + [EXE]

CM35															TRUNK ROUTE
YY/YYY															
78	83 (SER)	86 (CTX)	87	89 (CRCD)	90 (SPFA)	91 (CCH7)	92 (CDTI)	93 (DCHI)	97	98	100	104	105	113	
0/1	0/1	0/1	0/1	0/1	0 7	0 3	0 7	00 15	XX	0/1	00 14	1 3	0/1	0/1	
1	1	1	1	1	7		7	15		1	00	3	1	1	

◀: Initial Data

CM35											TRUNK ROUTE
YY/YYYY											
127	129	135	138	139	140	141	142	143	146	150	
0/1	0 7	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	
1	7	1	1	1	1	1	1	1	1	1	

Note: If space is insufficient, use copies.

◀: Initial Data

CM36																		
INCOMING TRUNK ROUTE	OUTGOING TRUNK ROUTE																	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

COMMAND 36: **[ST]** + 36 + **[DE]** + INCOMING TRUNK ROUTE (2 digits) • OUTGOING TRUNK ROUTE (2 digits) + **[DE]** + SETTING DATA (0/1) + **[EXE]**

CM38		
YY = 00		
INCOMING TRUNK ROUTE NUMBER	OUTGOING TRUNK ROUTE NUMBER	SETTING DATA

- YY = 00

COMMAND 38: + 38YY + + INCOMING · OUTGOING TRUNK ROUTE NUMBER / AMP PATTERN NUMBER (2/4 digits) + + SETTING DATA (1-2 digits) +

CM38								
AMP PATTERN NUMBER	YY							
	01		02	03	04	05	06	07
	0-3	0-3	0/1	0/1	0/1	0/1	0/1	0/1
00								
01								
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
	3	3	1	1	1	1	1	1

- YY = 01-07

COMMAND 38: ST + 38YY + DE + INCOMING · OUTGOING TRUNK ROUTE NUMBER/ AMP PATTERN NUMBER (2/4 digits) + DE + SETTING DATA (1-2 digits) + EXE

CM40		
YY	PORT LOCATION NUMBER	DATA
00		
01		
02		
03		
04		
05		
06		
08		
09		
10		
11		
12		
18		

COMMAND 40: ST +40YY + DE + PORT LOCATION NUMBER + DE + SETTING DATA + EXE
(0/1) (1-4 digits)

CM41		
Y	FUNCTION NUMBER	TIMER DATA
0	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	09	
	11	
	13	
	14	
	15	
	16	
	20	
	22	
	23	
	26	
	27	
	33	
	34	
	35	
	36	
	37	
	38	
	39	
	41	
	43	
44		
45		
46		
47		
48		
49		

CM41		
Y	FUNCTION NUMBER	TIMER DATA
0	50	
	52	
	53	
	54	
	56	
	57	
	58	
	59	
	60	
	61	
	62	
	63	
	64	
	65	
	66	
	67	
	75	
	81	
	84	
	85	
1	86	
	87	
	89	
	95	
	00	
	01	
	02	
	03	
	04	
	05	
06		
07		
08		
09		

CM41		
Y	FUNCTION NUMBER	TIMER DATA
2	00	
	03	
	04	
	05	
	09	
	11	
	12	
	17	
	23	
	24	
	25	
	28	
	29	
	31	
	37	
	40	
	41	
3	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
12		

COMMAND 41: **[ST]** + 41Y + **[DE]** + FUNCTION NUMBER (2 digits) + **[DE]** + TIMER DATA (2 digits) + **[EXE]**

CM42	
KIND OF SYSTEM COUNTER	DATA
00	
01	
03	
04	
05	
06	
07	
08	
10	
11	
12	
13	
14	
15	
16	
17	
18	

COMMAND 42: ST + 42 + DE + KIND OF SYSTEM COUNTER (2 digits) + DE + SETTING DATA (2 digits) + EXE

CM42	
TRUNK REST. CLASS	SETTING DATA
13	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	

COMMAND 42: ST + 42 + DE + TRUNK REST. CLASS DATA + DE + SETTING DATA (2 digits) + EXE

CM42	
PAD DATA PATTERNS	SETTING DATA
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	

COMMAND 42: ST + 42 + DE + PAD DATA PATTERNS (2 digits) + DE + SETTING DATA (2 digits) + EXE

CM44		
CIRCUIT NUMBER	DATA 1	DATA 2

COMMAND 44: [ST] + 44 + [DE] + CIRCUIT NUMBER + [DE] + DATA1•DATA2 + [EXE]
 (3 digits) (2 digits) (2 digits)

◀: Initial Data

CM45							
PBR/CFT NUMBER	Y						
	0	1	2	6	7	9	
	MAKE BUSY CONDITION OF PBR	PBR FOR INCOMING CALL FROM TIE LINE/DID	PBR FOR AUTOMATED ATTENDANT ONLY	MAKE BUSY CONDITION OF CFT	EXCLUSIVE CFT FOR ATT	dB LEVEL OF PBR	
	0/1	0/1	0/1	0/1	0/1	00-31	
PBR							
CFT							
	1	1	1	0/1	1	31	◀

COMMAND 45: **[ST]** + 45Y + **[DE]** + PBR/CFT NUMBER + **[DE]** + SETTING DATA + **[EXE]**
 (2-3 digits) (1 digit)

MAT CM46	
KEY NUMBER	SETTING DATA
00	
01	
03	
04	
05	
06	
07	
08	
10	
11	

MAT CM47	
KEY NUMBER	SETTING DATA
00	
01	
03	
04	
05	
06	
07	
08	
10	
11	

COMMAND 46: **ST** + 46 + **DE** + FUNCTION KEY NUMBER (00-11) + **DE** + SETTING DATA (1 digit) + **EXE**

COMMAND 47: **ST** + 47 + **DE** + FUNCTION KEY NUMBER (00-11) + **DE** + SETTING DATA (1 digit) + **EXE**

CM48		
Y	SENDING PATTERN	DATA
0	00	
	01	
	02	
1	00	
2	03	
	04	
	06	
	12	
	13	
	14	
4	00-09	
5	00	
	02	

COMMAND 48: ST + 48Y + DE + SENDING PATTERN (2 digits) + DE + SETTING DATA (1/4 digits) + EXE

CM49			
YY=00		YY=01, 02, 05-08, 10, 12, 13, 0A	
DIGITAL ANNOUNCEMENT TRUNK CARD No.	DATA	TENANT No.	DATA

COMMAND 49: ST + 49YY + DE + DIGITAL ANNOUNCEMENT TRUNK CARD No. (3 digits) / TENANT No. (2 digits) + DE + SETTING DATA + EXE

CM50 YY = 00-02	
KIND OF DATA	DATA

COMMAND 50: **[ST]** + 50YY + **[DE]** + KIND OF DATA + **[DE]** + SETTING DATA + **[EXE]**
 (1-3 digits) (1-32 digits)

CM50 YY=05	
LOCAL OFFICE CODE TABLE No.	LOCAL OFFICE CODE (Max. 12 digits)
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	

COMMAND 50: ST +50YY+ DE + LOCAL OFFICE CODE TABLE No. (2 digits) + DE + LOCAL OFFICE CODE (1-12 digits) + EXE

Note: If space is insufficient, use copies.

CM50 YY = 06	
TRUNK No. (000 - 255)	SPC REFERENCE No. (Max. 32 digits)

CM50 YY = 06	
TRUNK No. (000 - 255)	SPC REFERENCE No. (Max. 32 digits)

COMMAND 50: [ST] + 50YY + [DE] + ISDN LOCAL OFFICE + [DE] + LOCAL OFFICE + [EXE]
 CODE TABLE No. CODE
 (2 digits) (1-12 digits)

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◀: Initial Data

CM53					
Y	KIND OF CALL CODE				
	0	1	3	4	7
	0/1	0/1	0/1	0/1	0/1
0					
1					
2					
3					
4					
	1	1	1	1	1

COMMAND 53: $\boxed{\text{ST}}$ + 53Y + $\boxed{\text{DE}}$ + KIND OF CALL CODE + $\boxed{\text{DE}}$ + SETTING DATA + $\boxed{\text{EXE}}$
 (1 digit) (1 digit)

CM56		
YY (00 - 07)	SERIAL No.	STATION NUMBER
PAGING GROUP ()	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	

CM56		
YY (00 - 07)	SERIAL No.	STATION NUMBER
PAGING GROUP ()	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	

CM56		
YY (00 - 07)	SERIAL No.	STATION NUMBER
PAGING GROUP ()	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	

• YY = 00 ~ 07

COMMAND 56: $\boxed{\text{ST}}$ + 56YY + $\boxed{\text{DE}}$ + SERIAL No. / INTERCOM No. + $\boxed{\text{DE}}$ + STATION + $\boxed{\text{EXE}}$
 (2 digits) / (4 digits) (1-4 digits)

CM56				
YY	AUTOMATIC INTERCOM NUMBER	STATION NUMBER	AUTOMATIC INTERCOM NUMBER	STATION NUMBER
10	A000		A100	
	A001		A101	
	A002		A102	
	A003		A103	
	A004		A104	
	A005		A105	
	A006		A106	
	A007		A107	
	A008		A108	
	A009		A109	
	A010		A110	
	A011		A111	
	A012		A112	
	A013		A113	
	A014		A114	
	A015		A115	
	A016		A116	
	A017		A117	
	A018		A118	
	A019		A119	
	A020		A120	
	A021		A121	
	A022		A122	
	A023		A123	
	A024		A124	
	A025		A125	
	A026		A126	
	A027		A127	
	A028		A128	
	A029		A129	
	A030		A130	
	A031		A131	

- YY = 10

COMMAND 56: ST + 5610 + DE + AUTOMATIC INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM56						
YY	MANUAL INTERCOM GROUP	MANUAL INTERCOM NUMBER	STATION NUMBER	MANUAL INTERCOM GROUP	MANUAL INTERCOM NUMBER	STATION NUMBER
11	00	A200		05	A205	
		A300			A305	
		A400			A405	
		A500			A505	
		A600			A605	
		A700			A705	
	01	A201		06	A206	
		A301			A306	
		A401			A406	
		A501			A506	
		A601			A606	
		A701			A706	
	02	A202		07	A207	
		A302			A307	
		A402			A407	
		A502			A507	
		A602			A607	
		A702			A707	
	03	A203		08	A208	
		A303			A308	
		A403			A408	
		A503			A508	
		A603			A608	
		A703			A708	
	04	A204		09	A209	
		A304			A309	
		A404			A409	
		A504			A509	
A604			A609			
A704			A709			

- YY = 11

COMMAND 56: ST + 5611 + DE + MANUAL INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM56							
YY	MANUAL INTERCOM GROUP	MANUAL INTERCOM NUMBER	STATION NUMBER	MANUAL INTERCOM GROUP	MANUAL INTERCOM NUMBER	STATION NUMBER	
11							

- YY = 11

COMMAND 56: ST + 5611 + DE + MANUAL INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM56						
YY	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER
12	00	B000		03	B003	
		B100			B103	
		B200			B203	
		B300			B303	
		B400			B403	
		B500			B503	
		B600			B603	
		B700			B703	
		B800			B803	
		B900			B903	
	01	B001		04	B004	
		B101			B104	
		B201			B204	
		B301			B304	
		B401			B404	
		B501			B504	
		B601			B604	
		B701			B704	
		B801			B804	
		B901			B904	
	02	B002		05	B005	
		B102			B105	
		B202			B205	
		B302			B305	
		B402			B405	
		B502			B505	
		B602			B605	
		B702			B705	
		B802			B805	
		B902			B905	

- YY = 12

COMMAND 56: ST + 5612 + DE + DIAL INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM56						
YY	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER
12	06	B006		07	B007	
		B106			B107	
		B206			B207	
		B306			B307	
		B406			B407	
		B506			B507	
		B606			B607	
		B706			B707	
		B806			B807	
		B906			B907	

- YY = 12

COMMAND 56: ST + 5612 + DE + DIAL INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM56							
YY	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER	DIAL INTERCOM GROUP	DIAL INTERCOM NUMBER	STATION NUMBER	
12							

- YY = 12

COMMAND 56: ST + 5612 + DE + DIAL INTERCOM NUMBER (4 digits) + DE + STATION NUMBER (1-4 digits) + EXE

CM58											
LDN (00-08)/ TIE (10-18)	YY										
	00	01	02	03	04	05	06	07	08	09	10
	00~63	00~63	00~09	00~09	00~09	00~09	00~08	00~08	X-XXXX/ CXX	X-XXXX/ CXX	20~5F
	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE

COMMAND 58: **ST** + 58YY + **DE** + LDN/TIE (2 digits) + **DE** + SETTING DATA (1-4 digits) + **EXE**

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CM59	
FUNCTION No.	SETTING DATA
00	

COMMAND 59: **[ST]** + 59 + **[DE]** + FUNCTION No. (00) + **[DE]** + SETTING DATA + **[EXE]**
 (2 digits) (2 digits)

◀: Initial Data

◻(MAT) CM60												
ATT NUMBER	YY											
	00 (GROUP No.)	01 (MASTER)	02 (A0)	04 (A2)	06 (A4)	15 (F5)	16 (F6)	17 (F7)	22	26 (BLF)	27 (TONE RING)	30
	0-3	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	00-99	0-3	X-X...X
0												
1												
2												
3												
4												
5												
6												
7												
		1	1	1	1	1	1	1	1		3	NONE

COMMAND 60: **[ST]** + 60YY + **[DE]** + ATT NUMBER + **[DE]** + SETTING DATA + **[EXE]**
 (0-7) (1-8 digits)

CM62		INITIAL			
TENANT NUMBER	Y				
	0	1	2	3	
00					
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
	1	1	1	1	

CM62		INITIAL			
TENANT NUMBER	Y				
	0	1	2	3	
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
	1	1	1	1	

COMMAND 62: ST + 62Y + DE + TENANT NUMBER + DE + SETTING DATA + EXE
 (2 digits) (1 digit)

CM63																				
Y	TENANT A	TENANT B																		
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
0	00																			
	01																			
	02																			
	03																			
	04																			
	05																			
	06																			
	07																			
	08																			
	09																			
	10																			
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- Y = 0

COMMAND 63: **[ST]** + 630 + **[DE]** + TENANT A + TENANT B + **[DE]** + SETTING DATA + **[EXE]**
 (2 digits) (2 digits) (1 digit)

CM63																				
Y	TENANT A	TENANT B																		
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
1	00																			
	01																			
	02																			
	03																			
	04																			
	05																			
	06																			
	07																			
	08																			
	09																			
	10																			
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- Y = 1

COMMAND 63: **[ST]** + 631 + **[DE]** + TENANT A + TENANT B + **[DE]** + SETTING DATA + **[EXE]**
(2 digits) (2 digits) (1 digit)

CM63																				
Y	TENANT A	TENANT B																		
		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18
2	00																			
	01																			
	02																			
	03																			
	04																			
	05																			
	06																			
	07																			
	08																			
	09																			
	10																			
	11																			
	12																			
	13																			
	14																			
	15																			
	16																			
	17																			
	18																			
	19																			
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- Y = 2

COMMAND 63: **[ST]** + 632 + **[DE]** + TENANT A + TENANT B + **[DE]** + SETTING DATA + **[EXE]**
(2 digits) (2 digits) (1 digit)

CM64			
TENANT No.	Y=0 SETTING DATA (00~03)	Y=1 SETTING DATA (00~09)	Y=2 SETTING DATA (00~03)

COMMAND 64: ST + 64Y + DE + TENANT No. (2 digits) + DE + SETTING DATA (2 digits) + EXE

CM65									
TENANT No.	SETTING DATA								
	YY=23 (0/1)	YY=24 (0/1)	YY=25 (0/1)	YY=26 (0/1)	YY=27 (0/1)	YY=28 (0/1)	YY=30 (0/1)	YY=50 (0/1)	YY=51 (0/1)

COMMAND 65: **[ST]** + 65YY+ **[DE]** + TENANT No. (2 digits) + **[DE]** + SETTING DATA (1 digit) + **[EXE]**

This page is for your notes.

(MAT) CM71		
KIND OF CALLING PARTY	SETTING DATA	
	1ST MEMORY SLOT No. (000-299)	SLOT No. (001-300)
00		
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		

(MAT) CM71		
KIND OF CALLING PARTY	SETTING DATA	
	1ST MEMORY SLOT No. (000-299)	SLOT No. (001-300)
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
68		

COMMAND 71: **[ST]** + 71 + **[DE]** + KIND OF CALLING PARTY + **[DE]** + SETTING DATA + **[EXE]**
(2 digits) (6 digits)

Note: If space is insufficient, use copies.

CM72					
MEMORY SLOT NUMBER	STORED NUMBER			TENANT NUMBER	ABBREVIATED CODE
	ACCESS CODE	SEPARATE MARK	CALLED PARTY NUMBER (MAX. 26 DIGITS)		
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
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		,			
		,			
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		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			
		,			

COMMAND 72: [ST] + 72 + [DE] + MEMORY SLOT + [DE] + STORED NUMBER + [EXE]
 NUMBER (3 digits) (Max. 28 digits)

Note: *If space is insufficient, use copies.*

CM73				
STATION NUMBER	SETTING DATA			
	1000 SLOTS MEMORY BLOCK (0-4, 8-F)	10 SLOTS MEMORY BLOCK IN THE TOP (00-99)	POSSIBLE/NOT POSSIBLE OF REGISTRATION (0/1)	NUMBER OF 10 SLOTS MEMORY BLOCK (01-10)

COMMAND 73: **[ST]** + 73 + **[DE]** + STATION NUMBER (1-4 digits) + **[DE]** + SETTING DATA (6 digits) + **[EXE]**

Note: *If space is insufficient, use copies.*

CM74					
MEMORY SLOT NUMBER			STORED NUMBER		
1000 SLOTS MEMORY BLOCK (0-4, 8-F)	10 SLOTS MEMORY BLOCK (00-99)	SLOTS (0-9)	ACCESS CODE (MAX. 2 DIGITS)	SEPARATOR MARK	CALLED PARTY'S NUMBER (MAX. 26 DIGITS)
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	
				.	

COMMAND 74: $\boxed{\text{ST}}$ + 74 + $\boxed{\text{DE}}$ + MEMORY SLOT NUMBER (4 digits) + $\boxed{\text{DE}}$ + STORED NUMBER (MAX. 26 digits) + $\boxed{\text{EXE}}$

Note: If space is insufficient, use copies.

CM76		
Y (0/1)	RECEIVED DIGITS	DATA

CM76		
Y (0/1)	RECEIVED DIGITS	DATA

CM76			
RECEIVED DIGITS	Y = 4	Y = 5	Y = 6
	NONE	1	1



COMMAND 76: [ST] + 76Y + [DE] + RECEIVED DIGITS + [DE] + SETTING DATA + [EXE]
 (1-4 digits) (1-4 digits)

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Note: *If space is insufficient, use copies.*

MAT		CM77	
Y 0 3	STATION/TRUNK NAME No.	DATA	
3		CHARACTER	CODE

MAT		CM77	
Y 0 3	STATION/TRUNK NAME No.	DATA	
3		CHARACTER	CODE

COMMAND 77: ST + 77Y + DE + STATION No. / TRUNK NAME No. + DE + SETTING DATA + EXE
(1-4 digits) (2 digits) (1-16 digits)

Note: If space is insufficient, use copies.

CM78					
1ST DATA		2ND DATA			
TENANT NUMBER (2 DIGITS)	BLOCK NUMBER (1 DIGIT)	WHEN DESTINATION IS A STATION	WHEN DESTINATION IS AN OUTSIDE PARTY		
		STATION NUMBER (1-4 DIGITS)	TRUNK ACCESS CODE (1-3 DIGITS)	SEPARATE MARK	CALLED NUMBER (MAX. 26 DIGITS)
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	
				,	

COMMAND 78: **[ST]** + 78 + **[DE]** + 1ST DATA (3 digits) + **[DE]** + 2ND DATA (1-29 digits) + **[EXE]**

TRUNK RESTRICTION CLASS		CM81															
		YY															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	00
		TOLL RESTRICTION PATTERN NUMBER ON EACH TRUNK RESTRICTION CLASS															
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	00
1	RCA	3	0	3	3	3	0	0	0	3	3	3	3	3	0	3	0
2	RCB	3	0	3	3	0	0	0	0	3	3	0	0	0	0	3	0
3	RCC	3	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0
4	RCD	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
5	RCE	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
1	RCA															3	0
2	RCB															3	0
3	RCC															3	0
4	RCD															3	0
5	RCE															3	0



DATA 0: Restricted
 1: Restricted (Same as Data "0")
 3: Allowed

COMMAND 81: **[ST]** + 81YY + **[DE]** + TRUNK RESTRICTION CLASS + **[DE]** + SETTING DATA (1 digit) + **[EXE]**
 (1 digit)

(MAT) CM85		
Y	AREA/OFFICE CODE (MAX. 8 DIGITS)	MAX. No. OF SENDING DIGITS

(MAT) CM85		
Y	AREA/OFFICE CODE (MAX. 8 DIGITS)	MAX. No. OF SENDING DIGITS

COMMAND 85: [ST] + 85Y + [DE] + OFFICE CODE + [DE] + MAX. No. OF SENDING DIGITS + [EXE]
(1-8 digits) (2 digits)

◀: Initial Data

CM88			
BLOCK NUMBER	Y=0(1-7 DIG- ITS)	Y=1(0/3◀)	Y=2(1-3◀)

COMMAND 88: [ST] + 88Y + [DE] + BLOCK NUMBER + [DE] + SETTING DATA + [EXE]
(2 digits) (1-7 digits)

- D^{term}

Note: If space is insufficient, use copies.

(MAT)		CM90						
MY LINE NUMBER								
	YY=00 <small>(KEY DATA)</small>	YY=01 <small>(RG)</small>	YY=03 <small>(RG)</small>	YY=05	YY=00 <small>(KEY DATA)</small>	YY=01 <small>(RG)</small>	YY=03 <small>(RG)</small>	YY=05
KEY NUMBER								
		1	1	1		1	1	1

COMMAND 90:

[ST] + 90YY + **[DE]** + MY LINE NUMBER + **[.]** + KEY NUMBER + **[DE]** + SETTING DATA + **[EXE]**
(1-4 digits) (01-24, 30-37) (1-5 digits)

- Add-On Module

Note: *If space is insufficient, use copies.*

CM90								
MY LINE NUMBER KEY NUMBER	YY=00 (KEY DATA)	YY=01 (RG)	YY=03 (RG)	YY=05	YY=00 (KEY DATA)	YY=01 (RG)	YY=03 (RG)	YY=05
		1	1	1		1	1	1

COMMAND 90:

$\boxed{\text{ST}}$ + 90YY + $\boxed{\text{DE}}$ + MY LINE NUMBER (1-4 digits) + $\boxed{\text{ ,}}$ + ADD-ON MODULE KEY NUMBER (30-89) + $\boxed{\text{DE}}$ + SETTING DATA (1-5 digits) + $\boxed{\text{EXE}}$

- SN61X ATTCON

Note: *If space is insufficient, use copies.*

CM90, YY = 00	
KEY NUMBER	ATTCON NUMBER
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

COMMAND 90:

ST + 90YY + DE + ATTCON NUMBER (E000-E007) + , + ATTCON KEY NUMBER (01-26) + DE + SETTING DATA (4 digits) + EXE

- SN61X ATTCON

Note: *If space is insufficient, use copies.*

CM90, YY = 00					
MULTI-FUNCTION KEY No.	CALL STATUS No. (00-15) + ATTCON No. (0 - 7)				
01					
02					
03					
04					
05					
06					

CM90, YY = 00					
MULTI-FUNCTION KEY No.	CALL STATUS No. (00-15) + ATTCON No. (0 - 7)				
01					
02					
03					
04					
05					
06					

COMMAND 90: + 9000 + + EXXX + + MULTI-FUNCTION KEY NUMBER (01-06) + + SETTING DATA (1-5 digits) +

- SN716 DESKCON

Note: *If space is insufficient, use copies.*

CM90, YY = 00	
KEY NUMBER	ATTCON NUMBER
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

COMMAND 90:

ST + 90YY + DE +
 ATTCON
NUMBER
(E000-E007) + , +
 ATTCON
KEY NUMBER
(07-26) + DE + SETTING DATA + EXE
(5 digits)

- SN716 DESKCON

Note: *If space is insufficient, use copies.*

CM90, YY = 00					
MULTI-FUNCTION KEY No.	CALL STATUS No. (00-15) + ATTCON No. (0 - 7)				
01					
02					
03					
04					

CM90, YY = 00					
MULTI-FUNCTION KEY No.	CALL STATUS No. (00-15) + ATTCON No. (0 - 7)				
01					
02					
03					
04					

COMMAND 90: + 9000 + + EXXX + + + + +

(MAT)		CM96	
DSS CONSOLE NUMBER	SETTING DATA (1-4 DIGITS)	DSS CONSOLE NUMBER	SETTING DATA (1-4 DIGITS)
00		16	
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	

COMMAND 96: [ST] + 96 + [DE] + DSS CONSOLE NUMBER + [DE] + SETTING DATA + [EXE]
 (2 digits) (1-4 digits)

Note: If space is insufficient, use copies.

MAT CM97		
DSS CONSOLE NUMBER (2 DIGITS)	DSS KEY NUMBER (2 DIGITS)	SETTING DATA (1-5 DIGITS)
	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
	28	
	29	
	57	
	58	
	59	

MAT CM97		
DSS CONSOLE NUMBER (2 DIGITS)	DSS KEY NUMBER (2 DIGITS)	SETTING DATA (1-5 DIGITS)
	00	
	01	
	02	
	03	
	04	
	05	
	06	
	07	
	08	
	09	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
	28	
	29	
	57	
	58	
	59	

COMMAND 97: **[ST]** + 97 + **[DE]** + DSS CONSOLE NUMBER (2 digits) + **,** + DSS KEY NUMBER (2 digits) + **[DE]** + SETTING DATA (1-5 digits) + **[EXE]**

MAT		CM98	
ADD-ON MODULE NUMBER	MY LINE NUMBER (1-4 DIGITS)	ADD-ON MODULE NUMBER	MY LINE NUMBER (1-4 DIGITS)
00		16	
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	

COMMAND 98: ST + 98Y + DE + ADD-ON MODULE NUMBER (00-31) + DE + MY LINE NUMBER (1-4 digits) + EXE

Note: If space is insufficient, use copies.

CM9A							
KEY No.		STATUS No. =		KEY No.		STATUS No. =	
		YY=00	YY=10			YY=00	YY=10
1st display	00			1st display	00		
	01				01		
	02				02		
	03				03		
2nd display	04			2nd display	04		
	05				05		
	06				06		
	07				07		
3rd display	08			3rd display	08		
	09				09		
	10				10		
	11				11		
4th display	12			4th display	12		
	13				13		
	14				14		
	15				15		

COMMAND 9A : + 9AYY + + STATUS NUMBER + SOFT KEYS NUMBER + + DATA (1-5 digit) +
 (4 digits)

Note: If space is insufficient, use copies.

CM9A							
KEY No.		STATUS No. =		KEY No.		STATUS No. =	
		YY=01	YY=11			YY=01	YY=11
1st display	00			1st display	00		
	01				01		
	02				02		
	03				03		
2nd display	04			2nd display	04		
	05				05		
	06				06		
	07				07		
3rd display	08			3rd display	08		
	09				09		
	10				10		
	11				11		
4th display	12			4th display	12		
	13				13		
	14				14		
	15				15		

COMMAND 9A : + 9AYY + + STATUS NUMBER + SOFT KEYS NUMBER + + DATA (1-5 digit) +
 (4 digits)

Note: If space is insufficient, use copies.

CM9A							
KEY No.		STATUS No. =		KEY No.		STATUS No. =	
		YY=02	YY=12			YY=02	YY=12
1st display	00			1st display	00		
	01				01		
	02				02		
	03				03		
2nd display	04			2nd display	04		
	05				05		
	06				06		
	07				07		
3rd display	08			3rd display	08		
	09				09		
	10				10		
	11				11		
4th display	12			4th display	12		
	13				13		
	14				14		
	15				15		

COMMAND 9A : + 9AYY + + STATUS NUMBER + SOFT KEYS NUMBER + + DATA (1-5 digit) +
 (4 digits)

Note: If space is insufficient, use copies.

CM9A							
KEY No.		STATUS No. =		KEY No.		STATUS No. =	
		YY=03	YY=13			YY=03	YY=13
1st display	00			1st display	00		
	01				01		
	02				02		
	03				03		
2nd display	04			2nd display	04		
	05				05		
	06				06		
	07				07		
3rd display	08			3rd display	08		
	09				09		
	10				10		
	11				11		
4th display	12			4th display	12		
	13				13		
	14				14		
	15				15		

COMMAND 9A : + 9AYY + + STATUS NUMBER + SOFT KEYS NUMBER + + DATA (1-5 digit) +

(4 digits)

Note: If space is insufficient, use copies.

◀ : Initial Data

CM1A		CMA0	CMA1												
MAT		INITIAL	MAT												
MY LINE NUMBER	DATA STATION NUMBER	TYPE OF DATA ADP.	YY												
			00 (ER)	01 (AUTO)	04 (SPEED)	05 (PARTY)	06 (SYNC)	07 (HDX)	08 (STOP)	09 (CHR)	11 (HOTL)	12 (HOTC)	13 (CI)	14 (CSTIM)	21
			(0/1)	(0/1)	00 ¿ 31	(0/1)	0 ¿ 7	0/1	(0/1)	00 ¿ 15	(0/1)	(0/1)	0 ¿ 3	00 ¿ 15	00/ 04/ 15
		15	1	1	31	1	7	1	1	15	1	1	3	15	15

COMMAND 1A: **[ST]** + 1A + **[DE]** + MY LINE NUMBER (1-4 digits) + **[DE]** + DATA STATION NUMBER (1-4 digits) + **[EXE]**

COMMAND A0: **[ST]** + A0 + **[DE]** + DATA STATION NUMBER (1-4 digits) + **[DE]** + SETTING DATA (2 digits) + **[EXE]**

COMMAND A1: **[ST]** + A1YY + **[DE]** + DATA STATION NUMBER (1-4 digits) + **[DE]** + SETTING DATA (1-2 digits) + **[EXE]**

Note: *If space is insufficient, use copies.*

CMA5		
YY (00-99)	DATA STATION NUMBER (A)	DATA STATION NUMBER (B)

CMA5		
YY (00-99)	DATA STATION NUMBER (A)	DATA STATION NUMBER (B)

COMMAND A5:

ST + A5YY + DE + DATA STATION / TRUNK
NUMBER (A) / NUMBER (A) + DE + DATA STATION / TRUNK + EXE
(1-4 digits) (1-4 digits)

◀: Initial Data

CMA6												
YY												
04	05	06	07	08	09	10	11	12	20	21	22	24
0-6	0/1	0/3/7	0/1	0/1	00-15	0/1	0/1	0/1	0-2	0-2	0	1/3/4
	1	7	1	1	15	1	1	1				

- Attribute Data for RS-232C Port:

COMMAND A6: ST + A6YY + DE + 3 + DE + SETTING DATA + EXE
 (1-2 digits)

- Status Indications of RS-232C Signal Leads:

COMMAND A6: ST + A699 + DE + 0 + DE + SETTING DATA + EXE
 (1 digit)

CCIS CH No.	CMA7										
	YY										
	00	01	02	03	04	05	06	10	26	27	28
	000 ? 255	00001 ? 16367	00001 ? 16367	0 ? 3	00001 ? 16367	00001 ? 16367	0000 ? 9999	00 ? 15	0/1	0/1	0/1
			3					15	1	1	1
0											
1											
2											
3											

CMA8	
DPC	CCIS CH No.

CMA8	
DPC	CCIS CH No.

CMA8	
DPC	CCIS CH No.

COMMAND A7: **[ST]** + A7YY + **[DE]** + CCIS CH No. + **[DE]** + SETTING DATA + **[EXE]**
 (0-3) (1-5 digits)

COMMAND A8: **[ST]** + A8 + **[DE]** + 1ST DATA + **[DE]** + 2ND DATA + **[EXE]**
 (5 digits) (0-3)

CMA9, YY = 00		INITIAL
DCH No.	TRUNK No.	
0		
1		
2		
3		

COMMAND A9: + A9YY + + DCH No. + + TRUNK No. +
 (1 digit) (3 digits)

◀: Initial Data

CMAA						
SLOT No.	YY					
	00	01	02	03	06	07
	0/1	0/1	0/1	7	20-63	0-7
	1	1	1	7	63	

COMMAND AA: **[ST]** + AAYY + **[DE]** + SLOT NUMBER (04-15) + **[DE]** + SETTING DATA (1 digit) + **[EXE]**

Note: If space is insufficient, use copies.

CMAC								
ICH No.	ISDN CIRCUIT NO.	YY						
		00	01	02	03	04	06	10
		X-XXXX	0/1	0/1	0/1	0/1	0/1	0/1
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							
	0							
	1							
	2							
	3							
	4							
	5							
	6							
	7							

COMMAND AC: +ACY Y + + ICH No. (00-11) + ISDN CIRCUIT No. (0-7) + + SETTING DATA (1-4 digits) +

CMAE YY=00	
1ST DATA	SETTING DATA
03	
04	

CMAE YY=10			
CALLING AREA No.	SETTING DATA	CALLING AREA No.	
00		16	
01		17	
02		18	
03		19	
04		20	
05		21	
06		22	
07		23	
08		24	
09		25	
10		26	
11		27	
12		28	
13		29	
14		30	
15		31	

CMAE YY=15	
1ST DATA	SETTING DATA
00	

COMMAND AE: **[ST]** + AEYY + **[DE]** + 1ST DATA (2 digits) + **[DE]** + SETTING DATA (2-10 digits) + **[EXE]**

CMAE YY=42	
1ST DATA	SETTING DATA
00	

COMMAND AE: ST + AEYY + DE + 1ST DATA (2 digits) + DE + SETTING DATA (2-10 digits) + EXE

Note: *If space is insufficient, use copies.*

CMD5		
Y	1ST DATA	2ND DATA
0	0	
	1	
1	0	
	1	
3		
A		

COMMAND D5: ST + D5Y + DE + 1ST DATA + DE + 2ND DATA + EXE
 (1-10 digits) (1-9 digits)

CMD7		
Y = 0		
OAI FUNCTION KEY		OPERATION CODE/DIGIT NUMBER OF DIGIT CODE
KEY NUMBER	DATA	
OAI Function Key Number 0	F1032	
OAI Function Key Number 1	F1033	
OAI Function Key Number 2	F1034	
OAI Function Key Number 3	F1035	
OAI Function Key Number 4	F1036	
OAI Function Key Number 5	F1037	
OAI Function Key Number 6	F1038	
OAI Function Key Number 7	F1039	
OAI Function Key Number 8	F1040	
OAI Function Key Number 9	F1041	
OAI Function Key Number 10	F1042	
OAI Function Key Number 11	F1043	
OAI Function Key Number 12	F1044	
OAI Function Key Number 13	F1045	
OAI Function Key Number 14	F1046	
OAI Function Key Number 15	F1047	

- Y = 0

COMMAND D7: ST + D70 + DE + OAI FUNCTION KEY (5 digits) + DE + OPERATION CODE /DIGIT NUMBER OF DIGIT CODE (3 digits) + EXE

CMD7	
Y = 2	
MESSAGE NUMBER	DIGITAL ANNOUNCEMENT TRUNK CARD NUMBER
00	
01	
02	
03	
04	
05	
06	
07	
08	
09	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

CMD7	
Y = 2	
MESSAGE NUMBER	DIGITAL ANNOUNCEMENT TRUNK CARD NUMBER
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	

- Y = 2

COMMAND D7: $\boxed{\text{ST}}$ + D72 + $\boxed{\text{DE}}$ + MESSAGE NUMBER + $\boxed{\text{DE}}$ + DIGITAL ANNOUNCEMENT TRUNK CARD NUMBER + $\boxed{\text{EXE}}$
(2 digits) (4 digits)

CMD7	
Y = 7	
OAI FUNCTION KEY NUMBER	SETTING DATA
F1032	
F1033	
F1034	
F1035	
F1036	
F1037	
F1038	
F1039	
F1040	
F1041	
F1042	
F1043	
F1044	
F1045	
F1046	
F1047	

CMD7	
Y = 8	
1ST DATA	2ND DATA
00	
02	

- Y = 7

COMMAND D7: **[ST]** + D77 + **[DE]** + OAI FUNCTION KEY NUMBER + **[DE]** + SETTING DATA (2 digits) + **[EXE]**
 (4 digits)

- Y = 8

COMMAND D7: **[ST]** + D78 + **[DE]** + 1ST DATA (2 digits) + **[DE]** + 2ND DATA (2 digits) + **[EXE]**

CMD7		INITIAL
Y = 9		
INTER ADDRESS SETTING DIVISION NUMBER	ADDRESS DATA 1-3 DIGIT	
00		
01		
02		
03		

- Y= 9

COMMAND D7: $\boxed{\text{ST}}$ + D79 + $\boxed{\text{DE}}$ + INTERNET ADDRESS SETTING DIVISION NUMBER (00-03) + $\boxed{\text{DE}}$ + ADDRESS DATA (3 digits: 0-225) + $\boxed{\text{EXE}}$

◀: Initial Data

CMD7	
Y = B	
1ST DATA	2ND DATA
00	0
00	

- Y= B

COMMAND D7: $\boxed{\text{ST}}$ + D7B + $\boxed{\text{DE}}$ + 1ST DATA (00) + $\boxed{\text{DE}}$ + 2ND DATA (0) + $\boxed{\text{EXE}}$

CMD9		
Y	1ST DATA	2ND DATA
00		

COMMAND D9: ST + D9YY + DE + $\begin{matrix} \text{1ST DATA} \\ \text{(2 digits)} \end{matrix}$ + DE + $\begin{matrix} \text{2ND DATA} \\ \text{(2 digits)} \end{matrix}$ + EXE

Note: If space is insufficient, use copies.

◀ : Initial Data

CMDB			
YY	1ST DATA	2ND DATA	
30	0	0◀	
	1	0◀	

◀ : Initial Data

◀ : Initial Data

CMDC	YY			
	Calling Number			
	Development Table Number			
CMDB	YY	00		
		01		
		02		
		04	0◀	
		05	0◀	
		06	0◀	
		07	0◀	
		12	0◀	

CMDC	YY			
	Calling Number			
	Development Table Number			
CMDB	YY	00		
		01		
		02		
		04	0◀	
		05	0◀	
		06	0◀	
		07	0◀	
		12	0◀	

COMMAND DB: [ST] + DB30 + [DE] + 1ST DATA (0/1) + [DE] + 2ND DATA (0/1) + [EXE]

COMMAND DC: [ST] + DCYY + [DE] + CALLING NUMBER (1-24 digits) + [DE] + DEVELOPMENT TABLE NUMBER (1-4 digits) + [EXE]

COMMAND DB: [ST] + DBYY + [DE] + DEVELOPMENT TABLE NUMBER (1-4 digits) + [DE] + 2ND DATA (1-24 digits) + [EXE]

Note: If space is insufficient, use copies.

◀ : Initial Data

◀ : Initial Data

CMDC	YY			
	Calling Number			
	Development Table Number			
CMDB	YY	00		
		01		
		02		
		04	0◀	
		05	0◀	
		06	0◀	
		07	0◀	
		12	0◀	

CMDC	YY			
	Calling Number			
	Development Table Number			
CMDB	YY	00		
		01		
		02		
		04	0◀	
		05	0◀	
		06	0◀	
		07	0◀	
		12	0◀	

COMMAND DC: ST + DCYY + DE + CALLING NUMBER (1-24 digits) + DE + DEVELOPMENT TABLE NUMBER (1-4 digits) + EXE

COMMAND DB: ST + DBYY + DE + DEVELOPMENT TABLE NUMBER (1-4 digits) + DE + 2ND DATA (1-24 digits) + EXE

Note: *If space is in sufficient, use copies.*

CME6				
STATION No. (1-4 DIGITS)	YY No.	DESTINATION No.		
		STATION No. (1-4 DIGITS)	OUTGOING TRUNK/LCR GROUP ACCESS CODE (1-2 DIGITS)	CALLED No. (MAX. 26 DIGITS)

COMMAND E6: ST + E6YY + DE + STATION NUMBER (1-4 digits) + DE + DESTINATION NUMBER (1-26 digits) + EXE

CMF8			
Y	1ST DATA	MEANING	2ND DATA (10/4 DIGITS)
3	0	ID Code	
	1	Special ID Code	

COMMAND F8: **[ST]** + F8Y + **[DE]** + 1ST DATA + **[DE]** + 2ND DATA + **[EXE]**
 (1 digit) (1-10 digits)

◀ : Initial Data

D001		
1ST DATA	2ND DATA	
	◀	
98	0	
100	0	
101	0	
102	0	
103	0	
104	0	
105	0	
106	0	
107	0	
109	0	
110	0	
111	0	
112	0	
113	0	
114	0	
115	0	
116	0	
118	0	
120	0	
121	0	
122	0	
123	0	
124	0	
125	0	
126	0	
127	0	
131	0	
132	0	
133	0	
134	0	
135	0	
136	0	
138	0	
140	0	
141	0	
142	0	

D001		
1ST DATA	2ND DATA	
	◀	
143	0	
144	0	
145	0	
146	0	
147	0	
149	0	
150	0	
151	0	
152	0	
153	0	
154	0	
155	0	
156	0	
158	0	
160	0	
161	0	
162	0	
163	0	
164	0	
165	0	
166	0	
167	0	
168	0	
169	0	
170	0	
171	0	
172	0	
173	0	
174	0	
175	0	
176	0	
179	0	
189	0	
190	0	
191	0	
192	0	

D001		
1ST DATA	2ND DATA	
	◀	
193	0	
194	0	
195	0	
196	0	
197	0	
198	0	
199	0	
200	0	
201	0	
202	0	
203	0	
204	0	
205	0	
206	0	
207	0	
208	0	
209	0	
210	0	
211	0	
212	0	
213	0	
214	0	
215	0	
216	0	
217	0	
218	0	
219	0	
220	0	
221	0	
239	0	
250	0	
252	0	
253	0	

Note: If space is insufficient, use copies.

◀: Initial Data

D016												
STATION CLASS No.	FEATURE No.											
	04 (0/1)	05 (0/1)	06 (0/1)	07 (0/1)	08 (0/1)	09 (0/1)	10 (0/1)	11 (0/1)	12 (0/1)	13 (0/1)	14 (0/1)	15 (0/1)
00												
01												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15												
	0	0	0	0	0	0	0	0	0	0	0	0

COMMAND D016: ST + D016 + DE + STATION CLASS No. + FEATURE No. + DE + 2ND DATA (0/1) + EXE
 4 digits

D016														
STATION CLASS No.	FEATURE No.													
	16 (0/1)	17 (0/1)	18 (0/1)	19 (0/1)	20 (0/1)	21 (0/1)	22 (0/1)	24 (0/1)	30 (0/1)	42 (0/1)	43 (0/1)	44 (0/1)	45 (0/1)	46 (0/1)
00														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

D016														
SERVICE CLASS No.	FEATURE No.													
	55 (0/1)	58 (0/1)												
00														
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13														
14														
15														
/	0	0												

Note: If space is insufficient, use copies.

CMD023									
H-METH No.	TIME (24 HOUR)	TIME TABLE No.							
		0	1	2	3	4	5	6	7
	00								
	01								
	02								
	03								
	04								
	05								
	06								
	07								
	08								
	09								
	10								
	11								
	12								
	13								
	14								
	15								
	16								
	17								
	18								
	19								
	20								
	21								
	22								
	23								

COMMAND D023: ST + D023 + DE + 1ST DATA + DE + 2ND DATA + EXE
(5 digits) (1 digit)

Note: If space is insufficient, use copies.

CMD024										
K-METH No.	BREAK POINT	CHARGING RANK	TIME ID No.							
			0	1	2	3	4	5	6	7
		00								
		01								
		02								
		03								
		04								
		05								
		06								
		07								
		08								
		09								
		10								
		11								
		12								
		13								
		14								
		15								

COMMAND D024: **[ST]** + D024 + **[DE]** + 1ST DATA + **[DE]** + 2ND DATA + **[EXE]**
(6 digits) (1-5 digits)

Note: If space is insufficient, use copies.

CMD025										
H-METH No.	BREAK POINT	CHARGING RANK	TIME ID No.							
			0	1	2	3	4	5	6	7
		00								
		01								
		02								
		03								
		04								
		05								
		06								
		07								
		08								
		09								
		10								
		11								
		12								
		13								
		14								
		15								

COMMAND D025: + D025 + + 1ST DATA + + 2ND DATA +
 (6 digits) (1-4 digits)

X: 1st Digit

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

COMMAND D027: **[ST]** + D027 + **[DE]** + 1ST DATA + **[DE]** + 2ND DATA + **[EXE]**
(2-4 digits)

Note: If space is insufficient, use copies.

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D027		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

COMMAND D027: ST + D027 + DE + 1ST DATA + DE + 2ND DATA + EXE
 (2-4 digits)

D030		
1ST DATA	2ND DATA	CHARACTER
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		

D030		
1ST DATA	2ND DATA	CHARACTER
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		

D030		
1ST DATA	2ND DATA	CHARACTER
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		

COMMAND D030: **ST** + D030 + **DE** + 1ST DATA + **DE** + 2ND DATA + **EXE**
 (1-2 digits) (1-2 digits)

X: 1st Digit

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

COMMAND D034: ST + D034 + DE + 1ST DATA + DE + 2ND DATA + EXE
 (2-4 digits) (2-4 digits)

Note: If space is insufficient, use copies.

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

D034		
TABLE No.:		
DIGIT	DATA	
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
*		
#		

COMMAND D034: ST + D034 + DE + 1ST DATA + DE + 2ND DATA + EXE
 (2-4 digits) (2-4 digits)

D035	
1ST DATA	2ND DATA (0 ◀ /1)

COMMAND D035: ST + D035 + DE + 1ST DATA + DE + 2ND DATA + EXE
(1-4 digits) (0/1)

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