AT&T System 75

Implementation Manual

Release 1 Version 1

555-200-650
Issue 1, September 1985

PREFACE

This *Implementation Manual* provides the feature forms and instructions required to implement the System 75. It is intended for use after the communications design process has been completed, using the *AT&T System 75 Planning Manual,* 555-200-600, and the *AT&T System 75 Configuration Manual, 555-200-630.* This Manual describes the activities of the Communications Survey, gives instructions on how to gather appropriate system/terminal information, and includes the feature forms on which that information is to be compiled.

This Manual is divided into five parts.

Part 1: *Network Access* Features–feature forms in this part will always be filled out, for system initialization, by the Account Team. It will be necessary for the AT&T Account Team to work with the customer to obtain unique customer information.

Part 2: *Communications* Survey-instructions in this part are essential to proper implementation of the System 75. Part 2 also includes instructions for completing the Port Assignment Record.

Part 3: *System* Features–descriptions in this part are accompanied by instructions on how to implement this feature including a list of all relative forms.

Part 4: *System* Features—Forms–feature forms in this part may be completed by the customer or the AT&T Account Team.

Part 5: *Non-Standard Voice Terminal* Forms-instructions in this part may be completed by the customer or the AT&T Account Team to implement existing voice terminals that are not directly supported by System 75 software.

Parts 1, 2, 4, and 5, when completed, will be used in conjunction with the *Administration Manual AT&T System 75 System Management, 555-200-500,* to initialize the System 75.

A set of blank forms is included in the appendix to be reproduced as necessary. The blank forms should be returned to the manual for later use. The completed forms should be kept as a permanent hard copy.

This Manual is to be used during system initialization as well as during ongoing system administration.

This manual replaces Issue 2 of the *AT&T System 75 Implementation Manual Release 1 Version 1,* 999-700-277IS. Differences between the 555-200-650 and the 999-700-277S include:

- Reformat

- Implementation procedures for non-standard voice terminals

- A set of blank forms arranged alphabetically in the appendix.

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PART 1

NETWORK ACCESS FEATURES

INTRODUCTION

PART 1

OVERVIEW

In the planning process, system requirements were identified by the AT&T Account Team and the client. Those requirements were converted into orderable system hardware when the Account Team configured the system. Network Access features must now be assigned to the system. The information in Part 1 will then be used to initialize the system. This part is always filled out by the Account Team.

In order to complete this *Implementation Manual,* you must:

Ž Have hardware and feature knowledge (consult the *AT&T System 75 Reference Manual—System Description, 555-200-200,* and the *AT&T System 75 Reference Manual–Feature Description, 555-200-201.)*

Ž Know what system and terminal hardware has been ordered [refer to the Delivery Operations Support System (DOSS) order]

The chart in Figure 1-1 depicts work activities and relative time frames.

HOW TO USE

Part 1 of this Manual provides the feature forms and instructions required to implement Network Access facilities and related optional features. Feature forms provided are accurate representations of the screens that will be displayed on the System Access Terminal (SAT). A complete set of blank forms has been included in the back of the manual. Reproduce these forms as needed to implement the system. It is a good idea to save these forms as a permanent hard copy.

Many of the forms that appear on the SAT contain dynamic fields. Dynamic fields are fields that appear or disappear on the form depending upon how another field is assigned. Dynamic fields are identified on the forms in this manual, so that the user will be aware of them when initializing the system.

The procedural checklist shown below should be followed to complete Part 1.

Step 1: Complete trunk forms and optional features forms as required.

Step 2: When all applicable feature forms in Parts 1, 4, **and 5** have been completed, they should be used in conjunction with the *Administration Manual AT&T System 75 System Management, 555-200-500,* to initialize the system.

SYSTEM 75 ACTIVITIES SCHEDULE

ACTIVITY ➤	SYSTEM 75 PLANNING	SYSTEM 75 CONFIGURATION	O R D E R S A L E	P L A C E D	SYSTEM MANAGEMENT REVIEW	CUSTOMER TRAINING	COMMUNICATIONS SURVEY AND IMPLEMENTATION	S Y S T E M D E L I V E R Y	SWITCH INSTALLATION AND SWITCH INITIALIZATION	C U T O V E R	CONTINUING SYSTEM ADMINISTRATION
INTERVAL ➤	PRE-SALE	PRE-SALE			WEEKS* 6-5	WEEK 4	WEEKS 3-2		WEEK 1		ONGOING

YOU ARE HERE

* WEEKS BEFORE CUTOVER (ESTIMATED)

Figure 1-1. System 75 Activities Schedule

NETWORK FEATURES

AUTOMATIC ROUTE SELECTION

Routes calls over the public network based on the preferred (normally the least expensive) route available at the time the call is placed.

Automatic Route Selection (ARS) Software is required to implement this feature. In addition, the following form(s) or sections of a form(s) must be completed:

- Automatic Route Selection Patterns Form–complete patterns as applicable.

- Automatic Route Selection Home Numbering Plan Area Form –complete sections as applicable.

- Automatic Route Selection Foreign Numbering Plan Area Form-complete sections as applicable.

- Automatic Route Selection Remote Home Numbering Plan Area Form–complete sections as necessary.

- Automatic Route Selection Prefix Codes Form–complete all sections.

- Automatic Route Selection Toll Table Form–complete sections as applicable.

- Feature Access Codes Form–assign an ARS Access Code.

- Trunk Group Form–complete fields for "Prefix Mark," "Terminating NPA," and "Toll Table Reference."

Automatic Route Selection Patterns

Purpose

This form is used to implement up to 16 Routing Patterns. Each pattern can contain up to six alternate routes.

Instructions

Make assignments, as required, for the following fields:

Ž Pattern Number–enter the pattern number between 1 and 16. Pattern 1 is defaulted for the HNPA Table entry. Patterns 2 through 5 are defaulted for RHNPA Tables 1 through 4, respectively.

Ž Trunk Group–enter the group number between 1 and 50.

Ž FRL–enter the FRL (O to 7) assigned to each trunk group in order of preference.

> *Note:* An FRL of "7" is most restrictive; an FRL of "O" is least restrictive.

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                            ARS  PATTERN

                        Pattern  Number :  1

PATTERN ASSIGNMENTS ( Enter up to 6 )

              Trunk    FRL                     Trunk     FRL
              Group                            Group
          1:  __       __                  4:  __        __

          2:  __       __                  5:  __        __

          3:  __       __                  6:  __        __
```

> *Note:* The same trunk group can be used in different patterns with different FRLs.

Automatic Route Selection Home Numbering Plan Area (HNPA)

Purpose

This form is used to change the 800 office codes and Automatic Route Selection (ARS) patterns.

> **Note:** System 75 recognizes the service codes 411, 611, and 911 as area codes because of the middle digit, 1. Therefore, these codes must be administered in the FNPA table.

Instructions

Make assignments, as required, for the following fields:

Ž Office Code–enter the Office Code to be accessed via ARS.

Ž ARS Pattern Number–enter a pattern number from 1 to 16. (Default value is 1.)

> **Note:** Only office codes with an ARS Pattern Number other than "1" need to be entered because "l" is the default value.

> **Note:** Enter "O" for intercept if not allowed.

> **Note:** If possible, do not use ARS Patterns 2, 3, 4, and 5. These patterns are the default values for RHNPA Tables 1, 2, 3, and 4, respectively.

ARS HNPA TABLE ENTRY FORM

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Office Code:

ARS Pattern Number: _

Note: Only one set of entries appears on the SAT at a time. Seven repetitions are shown on this form in order to reduce the number of copies required to complete the ARS HNPA.

Automatic Route Selection Foreign Numbering Plan Area (FNPA)

Purpose

This form is used to change FNPAs. Reproduce this form to cover all required entries.

Instructions

Make assignments, as required, for the following fields:

> NPA or Service Code–enter the NPA or Service Code that can be accessed via ARS. The NPA codes reside in the System 75.

- ARS Pattern Number or RHNPA Table Number—enter the ARS pattern number from 1 to 16 or the RHNPA Table Number from 1 to 4. An "r" must precede the RHNPA entry to differentiate from ARS patterns 1 to 4. Enter O (for intercept) if calls to the NPA or service code will not be allowed.

> ***Note:*** If possible, do not use ARS Patterns 2, 3, 4, and 5. These patterns are the default values for RHNPA Tables 1, 2, 3, and 4, respectively. Not using the patterns here minimizes the work required when and if an RHNPA Table is needed.

ARS FNPA TABLE ENTRY

f4PA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: __

Note: Only one set of entries appears on the SAT at a time. Seven repetitions are shown on this form in order to reduce the number of reproductions required to complete the ARS FNPA.

Automatic Route Selection Remote Home Numbering Plan Area (RHNPA)

Purpose

This form is used to enter the 800 office codes and the associated ARS Pattern Somber for the four selected RHNPAs. Reproduce this form to cover all required entries.

Instructions

Ž RHXPA Table Number-enter the applicable table number from 1 to 4. Up to eight forms may be required for each table. (Default value is 1.)

Ž Office Code–enter the desired Office Code. Each of the four RHNPA tables can contain up to 800 possible office codes.

Ž ARS Pattern Number—enter a Pattern Number between 1 and 16. If one pattern will be used most often (that is, accessed by the greatest number of office codes in this block), assign that pattern as choice 1. Otherwise, the correlation between Pattern Choice Numbers and Patterns is completely arbitrary. (Default value is 2.)

Enter "O" for intercept if calls to the office code will not be allowed.

Note: The default for Tables 1, 2, 3, and 4 are ARS Pattern Numbers 2, 3, 4, and 5, respectively. Only changes need to be specified. For example, if within RHNPA Table 4 all office codes will use ARS Pattern 5, no entries are required.

ARS RHNPA TABLE ENTRY

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

Note: Only one set of entries appears on the SAT at a time. Four repetitions are shown on this form in order to reduce the number of copies required to complete the ARS RHNPA.

Automatic Route Selection Prefix Codes

Purpose

This form is used to specify the ARS patterns to be used for O, O+, and 011 calls.

Instructions

. Pattern Number For O, O+, 01, or 011+ — enter the ARS pattern that will determine the routing of O-type calls.

. Pattern Number For 10xxx–make no entry.

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                        ARS PREFIX CODES

            0           Operator Access

            0+          Operator Assisted Call

            01          International Operator

            011+        International Direct

            10 XXX      Long Distance Carrier Dialing


    Pattern Number For O, 0+, O    or 011+:  _

                Pattern Number For 10xxx:  _
```

Automatic Route Selection Toll Table

Purpose

This form is used to assign toll tables required for ARS.

Instructions

Make assignments, as required, for the following fields:

    Ž Toll Table Number–enter the Toll Table Number from 1 to 32. (Default value is n.)

    Ž Office Code–enter a 3-digit Office Code.

    Ž Toll—enter "n" for each nontoll code. (Default value is "y.")

```
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                        ARS  TOLL  TABLE  ENTRY


              Toll  Table  Number:  _

                       Off ice  Code :  _

                               Toll?  y


              Toll  Table  Number:  _

                       Off ice  Code :  _

                               Toll?  y


              Toll  Table  Number:  _

                       Office  Code:  _

                               Toll?  y


              Toll  Table  Number:  _

                       Office  Code:  _

                               Toll?  y
```

L

Note: Only one set of entries appears on the SAT at a time. Four repetitions are shown on this form in order to reduce the number of copies required to complete the ARS Toll Table.

Feature Access Codes

Purpose

This form is used to implement System 75 Feature Access Codes. These codes are predefine numbers and characters which, when dialed, activate or cancel certain System 75 features.

The recommended values have been preprinted. If these values do not meet business requirements, strike through the values and enter the desired codes in the blank space provided beside the default values. All entries must agree with the Dial Plan Record.

Instructions

Ž In each field that ends with **Access Code**, enter the digits required to access that feature.

Ž In each field that ends with **Activation,** enter the digits required to activate the feature.

Ž In each field that ends with **Deactivation,** enter the digits required to cancel or deactivate a feature.

Ž In the field labeled **Leave Word Calling Message Retrieval Lock**, enter the digits required to lock the display module on the voice terminal. (Users cannot retrieve Leave Word Calling Messages on a "locked" module.)

Ž In the field labeled **Leave Word Calling Message Retrieval Unlock**, enter the digits required before entering another code to unlock the display module.

Ž In the field labeled **Leave Word Calling Send A Message**, enter the digits required to send a message.

Ž In the field labeled **Leave Word Calling Cancel A Message**, enter the digits required to cancel a message. (An access code may be used to cancel a previously left Leave Word Calling message.)

FEATURE ACCESS CODE (FAC)

Abbreviated Dialing Listl Access Code: <u>101</u>

Abbreviated Dialing List2 Access Code: <u>102</u>

Abbreviated Dialing List3 Access Code: <u>103</u>

Answer Back Access Code: <u>120</u>

Auto Route Selection (ARS) Access Code: ▬▬

Automatic Callback Activation: <u>*5</u>   Deactivation: <u># 5</u>

Call Forwarding Activation: <u>*2</u>   Deactivation: <u># 2</u>

Call Park Access Code: <u>115</u>

Call Pickup Access Code: <u>117</u>

Data Origination Access Code: <u>134</u>

Data Privacy Access Code: <u>135</u>

Facility Test Calls Access Code: <u>197</u>

Group Control Restrict Activation: <u>125</u>   Deactivation: <u>126</u>

Hunt Group Busy Activation: <u>*8</u>   Deactivation: <u>#18</u>

FEATURE ACCESS CODE (FAC)

Last Number Dialed Access Code: *9

Leave Word Calling Message Retrieval Lock: *1

Leave Word Calling Message Retrieval Unlock: #1

Leave Word Calling Send A Message: *4

Leave Word Calling Cancel A Message: #4

Print Messages Access Code: _

Priority Calling Access Code: *7

Program Access Code: *0

Send All Calls Activation: *3   Deactivation: #3

SMDR Account Code Access Code: *6

Trunk Answer Any Station Access Code: 112

User Control Restrict Activation: 105   Deactivation: 106

RESTRICTION—TOLL/CODE

Restricts users at specified voice terminals from placing public network calls to certain numbers within the local area code, to certain foreign (nonlocal) area codes, and to service codes (such as 411 for directory assistance and 911 for emergency service).

These features are optional. To implement these features, the following form(s) or sections of a form(s) must be completed.

- Ž Foreign Exchange, Central Office Trunk Group Form–verify or assign each foreign exchange (FX) or central office (CO) trunk group as code or toll restricted in the Restriction section.

- Ž Foreign Exchange, Central Office Trunk Group Form–for each FX or CO trunk group marked toll, specify whether or not the caller should have access to the Allowed Calls List.

- Ž Allowed Calls List Form—complete appropriate sections of this form if a yes was entered in the Allowed Calls List on any Trunk Group Form.

- Ž Code Restriction HNPA and Code Restriction FNPA Forms–for each FX or CO trunk group marked code, verify or assign local office codes and area codes to which calling is allowed.

- Ž Digit Absorption List–complete all appropriate fields.

- Ž Class of Restriction Form–verify or establish Classes of Restriction with a Calling Party Restriction of Code or Toll.

- Ž Voice Terminal Form, Data Module, Tie Trunk Group, Attendant Console, and Console Parameters Form–assign an applicable Class of Restriction to each voice terminal, data module, incoming tie trunk group, individual attendant, and attendant console group which is to be toll or code restricted.

FX, CO Trunk Groups

Trunk Group forms are located at the end of this part.

Allowed Calls List

Purpose

This form is used to assign up to ten codes; for example, Area Codes, local office codes or long distance carrier codes that can be dialed independently of the 0/1 toll restriction.

Instructions

Make assignments as required for the following fields:

Ž Area/Long Distance Carrier Codes–enter up to 10 Area Codes, local office codes, long distance carrier codes, or service codes which will be allowed. A calling party that is 0/1 toll restricted can make all local central office calls, hut can make only a few toll calls and special service code calls as defined in the Allowed Calls list for Toll Restriction.

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                       ALLOWED  CALLS  LIST  (FOR  TOLL  RESTRICTION )

AREA /LONG  DISTANCE  CARRIER  CODES  ( Enter  up  to  10 )

          1:                              6 :

          2 :                             7 :

          3 :                             8 :

          4 :                             9 :

          5:                              10:
```

Code Restriction HNPA

Purpose

This form is used to change the code restriction for HNPA Table entries.

Instructions

The default value for all entries is n. Therefore, rather than reproduce this form 800 times, simply list all Office Codes to be granted access permission and only change the value on those forms.

Make assignments, as required, for the following fields:

- Local Office Code–enter an HNPA Central Office Code (200 through 999 that is not to be restricted.

- Grant Access Permission-enter "y" if access permission is to be allowe d. (Default value is "n.")

```
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                    CODE  RESTRICTION  HNPA  TABLE  ENTRY

                       Local  Office  Code:

               Grant  Access  Permission?  n
```

Code Restriction FNPA

Purpose

This form is used to change the code restriction for FNPA Table entries.

Instructions

The default value for the Grant Access Permission field is "n" for all entries. Therefore, rather than reproduce 800 copies of this form, simply list all Office Codes with access permission granted on a single form and only change the value on those forms.

Make assignments, as required, for the following fields:

    Ž NPA or Service Code–enter the area or service code that is not to be restricted.

    ŽGrant Access Permission–enter "y." (Default value is *'n.")

```
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                    CODE  RESTRICTION  FNPA  TABLE  ENTRY

                 NPA  or  Service  Code :  _

            Grant  Access  Permission?  n
```

Digit Absorption

Purpose

This form is used to implement up to five digit absorption lists. This form may be filled out if the System 75 is connected to a step-by-step central office.

Instructions

Make assignments as required for the following fields:

> Ž List Number–enter a list number O, 1, 2, 3, or 4. (Default value is n.)

> Ž O, 1, 2 , 3, 4, 5, 6, 7, 8, or 9—enter a desired treatment letter (A through F). (Default value is "A," which provides no absorption.)

```
                                                          Page  l o f l

                          DIGIT  ABSORPTION

                     List  Number:  n

ABSORPTION  TREATMENT  INFORMATION  (Al 1 select ions must be from same group)
                 Choice        Meaning
    Group I       A       Digit not absorbed.
                  B       Digit absorbed  repeatedly.
                  C       Digit absorbed once with no further absorption          .

    Group II      A       Digit  not  absorbed.
                  D       Digit absorbed only if it is the first digit.
                  E       Digit absorbed only if it is the second digit and
                          the first digit was already absorbed.
                  F       Digit absorbed only if it is the first or second digit

ABSORPTION  TREATMENT  ASSIGNMENT  (Select treatment (A-F) for each digit below)

        O: A          2: A          4: A          6: A          8: A

        1 : A         3: A          5: A          7: A          9: A
```

NETWORK ACCESS

Provides access to either private networks or public networks.

Network Access—Private

Allows calls to be connected to the following types of networks:

- . Common Control Switching Arrangement (CCSA)
- . Enhanced Private Switched Communications Service (EPSCS)

To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Tie Trunk Group Form–verify or complete all sections on the Tie Trunk groups associated with a private network.
- Class of Restriction Form–if CCSA and/or EPSCS off-network calling is provided, allow/deny that capability via the Class of Restriction Advanced Private Line Termination (APLT) section.
- Voice Terminal Form—assign Class of Restriction to voice terminals COR section.

Tie Trunk Group

Trunk Group forms are located at the end of this part

Class of Restriction

Class of Restriction forms are located in Part 4.

Voice Terminals

Voice Terminal forms are located in Part 4.

Network Access—Public

Provides voice terminal users and attendants with access to and from the public network.

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- CO, FX, WATS Trunk Group Forms–verify or complete all sections on WATS, FX, CO, or 800 Service trunk groups.

800 Service is implemented as an incoming WATS trunk group.

Automatic Route Selection (ARS), which uses the public network trunk groups referenced above, is implemented separately.

CO, FX, and WATS Trunk Groups

Trunk Group forms are located at the end of this part.

TRUNK FORMS

Hardware Requirements

The following circuit packs must be installed before any trunk groups can be implemented. It is not necessary that all circuit packs be installed, only those that apply to the trunks being implemented.

The circuit packs that require port numbers are as follows:

Central Office Trunk Circuit Pack (TN747)– provides eight ports for Central Office (CO), Foreign Exchange (FX), Wide Area Telecommunications Service (WATS), 800 Service, Personal Central Office Line (PCOL) trunks.

Direct Inward Dialing Trunk Circuit Pack (TN753) –provides eight ports for CO trunks arranged for direct inward dialing.

Tie Trunk Circuit Pack (TN760)— provides four ports for 4-wire E&M lead signaling tie trunks and Advanced Private Line Terminations (APLT) trunks.

Auxiliary Trunk Circuit Pack (TN763)– provides four ports for on-premises trunk applications, such as loudspeaker paging and music-on-hold. The TN763 is assigned as a Client-Provided Equipment (CPE) Trunk.

Instructions

This section contains the forms required to implement the System 75 trunk groups. A blank form is provided for each type of trunk group. A blank copy of the appropriate form should be reproduced for each trunk group to be implemented.

The trunk information is provided in Tables 1-A and 1-B. Table 1-A covers the CO, FX, WATS, and the Direct Inward Dialing (DID) trunks. Table 1-B covers the Tie and CPE trunks. Each field on the form is listed under the heading Field Name. The allowable entries for that field are listed under the heading Allowable Field Entries.

- Ž **ABBREVIATED DIALING** identifies the list numbers **(List l, List 2, and List 3)** assigned to abbreviated dialing. Each list can represent a group list or system list. Combinations can be the system and one or two group lists, or three group lists. (Used on Tie form.)

- Ž **Allowed Calls List** is a list that contains up to ten Central Office Codes, Foreign Exchange area codes, or Service codes. These codes can be dialed independently of the 0/1 toll restriction. (Used on CO or FX form.)

- Ž **Busy Threshold** is the number (O to 60) of trunk group members that must be busy before the attendant is alerted by the Warning lamp on the Attendant Console. (Used on all forms except DID. Default value is 60.)

- • **COR** is a Class of Restriction (COR) number between O and 63 that reflects a desired customer restriction. (Used on all forms. Default value is 1.)

- Ž **Comm Type** indicates if the trunk is to be used for voice or alternate voice-data calls. (Used on TIE forms. Default value is voice.)

- Ž **Data Restriction** is used to restrict system features from causing overriding tones on a trunk group. This provides permanent protection. (Used on all forms. Default value is n.)

- Ž **Dial Access** indicates to the system that a trunk access code must be dialed to access the trunk. (Used on all forms except DID. Default value is y.)

- Ž **Digits** is the number of digits to be inserted or the number of digits to be absorbed. This field is used with the Digit Treatment Field. No entry indicates no digit absorption or insertion is done. (See Digit Treatment.) (Used on DID TIE forms. Default value is blank.)

- Ž **Digit Absorption List** is a list number from O to 4 that is required when the trunk group terminates at a step-by-step central office. One list is used for each trunk group that is connected to a step-by-step office. (Used on CO or FX forms. Default value is blank.)

- Ž **Digit Treatment** indicates if the digits entered are to be absorbed or inserted. No entry indicates no digit absorption or insertion is done. (See Digits.) (Used on DID and TIE forms. Default value is blank.)

Ž**Direction** identifies whether the trunk group is incoming, outgoing, or two-way. (Used on all forms except CPE and DID. Default value is two-way.)

Ž**Disconnect Timing (msec)** represents the time, in milliseconds, that is required by the central office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 to 5000 milliseconds). (Used on all forms. Default value is .500.)

Ž**End-to-End Signaling** is used to pass control signals to the client-provided equipment. The timing values for End-to-End Signaling range from **60** to **360** milliseconds. This timing should be used with Recorded Telephone Dictation and other applications where the transmitted signals might compete with noise or other voice signals for recognition by the receiving device. Value entered must be an increment of 10. (Used on CPE form. Default value is 60.)

Ž**Group Name** is a unique name that identifies the trunk group. Up to 15 characters can be used. (Used on all forms. Default is OUTSIDE CALL.)

Ž**Group Number is** a number between 1 and 50 that identifies the trunk group. (Used on all forms.)

Ž**Group Type** identifies the type of trunk group, as follows:

Type	Enter
Central Office	co
Customer Provided Equipment	cpe
Direct Inward Dialing	did
Foreign Exchange	fx
Tie	tie
Wide Area Telecommunications Service or 800 Service	wats

- **Incoming Destination** indicates where incoming calls will terminate. (Use on all forms except CPE and DID. Default value is O.)

- **Incoming Dial Type** indicates the type of pulses required on an incoming trunk group. (Used on DID and TIE forms. Default value is tone.)

. **Interdigit Timing (sec)** is the timing interval required by the central office that the System 75 is connected to. If the System 75 is connected to a step-by-step office, 18 or more seconds must be used; if the System 75 is not connected to a step-by-step office, 5 or more seconds must be used. The maximum value is 99 seconds. This field is for incoming rotary only. (Used on DID and TIE forms. Default value is 5.)

. **Internal Alert** indicates whether or not internal ringing and coverage will be used for incoming calls on this trunk group. (Used on Tie Trunk forms. Default is "n.")

. **Name is** a unique 7-character name that identifies the member of the trunk group The name is usually a 7-digit telephone number. (Used on second and third pages of all forms.)

. **Night Service is** the extension number assigned to Night Service. The extension number entered will receive all incoming calls when Night Service is activated. (Used on all forms except CPE and DID. Default value is O.)

• **Outgoing Dial Type** identifies the type of pulsing required on an outgoing call. (Used on all forms except CPE and DID. Default value is tone.)

. **Outgoing Display** specifies whether or not the trunk group name is displayed on outgoing calls. (Used on all forms except DID. Default value is "n.")

• **Port** is a one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. Refer to Port Assignment Record. (Used on the second and third pages of all forms. Default value is blank.)

. **Prefix-1** indicates if the prefix 1 is required for area code calls. The prefix 1 distinguishes between area and local office codes. (Used on CO or FX forms. Default value is "n.")

• **Prefix Mark** is a digit that indicates how the first telephone digit will be handled by the system. One of the following characters should be used for each outgoing trunk group:

o	Never send a 1 prefix digit
1	If it is necessary to dial a 1 on a 10-digit toll call
2	If it is necessary to dial a 1 on a 7-digit toll call
3	Send a 1 prefix digit and insert or keep area code on toll calls; that is, all direct dialed calls are 10-digit calls with a 1 prefix digit.

. **Queue Length** is a number from O to 100 which indicates the number of outgoing calls that can be held waiting. A "O" indicates no calls will be held in queue. (Used on all forms except DID. Default value is 0.)

- **Restriction:** must be assigned as toll or code for each Central Office and FX trunk group. Toll Restriction restricts callers at specified voice terminals from placing toll calls without attendant assistance. An allowed calls list is associated with Toll Restriction. Up to ten Area Codes and/or Central Office Codes can be allowed. Code Restriction allows voice terminal users to place calls from authorized extension numbers to specified Central Office numbers, Area Codes, and special Service Codes. Toll Restriction and Code Restriction cannot be used together in the same trunk group. (used on CO or FX forms. Default value is code.)

- **SMDR Reports** is used to provide a detailed recording on calls made on all trunks in the trunk group. (Used on all forms. Default value is y.)

- **TAC** is the trunk access code that must be dialed to access the trunk. A different TAC must be assigned to each trunk group. (Used on all forms. Default value is blank.)

- **Terminating NPA** is the area code of the distant end Central Office trunk. This must be entered on the form. (Used on CO, FX, and WATS forms.)

- **Ž Toll Table Reference is** a toll list number that corresponds to the trunk group. Toll lists are needed when the terminating central office is a step-by-step switch. Toll lists specify all office codes in the numbering plan area (NPA) (area code) of the trunk group that are toll calls and all office codes that are local calls. (Used on CO, FX, and WATS forms.)

- **Trunk Termination** defines how the trunk group is terminated. The System 75 trunk group can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. (Used on all forms except CPE and TIE. Default value is rc.)

- **Trunk Type** identifies the physical type of trunk. Options for CO, FX, and WATS forms are ground-start and loop-start. Options for DID forms are immed-start and wink-start. (Not used on CPE and TIE forms.)

- **Trunk Type (in/out)** identifies the physical type of incoming and outgoing trunks for TIE Trunks. Options for each direction are automatic, immed-start, wink-start, and delay-dial; for example, auto/delay, immed/auto, wink/wink.

TABLE l-A. Allowable Field Entries for. CO, FX, WATS, or DID Trunks

FIELD NAME	ALLOWABLE FIELD ENTRIES FOR		
	CO,FX	WATS	DID
Group Number	1-50	1-50	1-50
Group Type	co or fx	wats	did
SMDR Reports	y or n	y or n	y or n
Group Name	15 chars	15 chars	15 chars
COR	O to 63	0 to 63	0 to 63
TAC	trunk code	trunk code	trunk code
Direction	incoming, outgoing, or two-wav	incoming or outgoing	—
Outgoing Display	y o r n	y o r n	—
Data Restriction	y o r n	y o r n	y o r n
Dial Access	y o r n	y o r n	—
Busy Threshold	O to 60	0 to 60	—
Night Service	Extension Number or O (attendant)	Extension Number or O (attendant)	—
Queue Length	o to 100	0 to 100	—
Terminating NPA	area code	area code	—
Incoming Destination	Remote Access Ext. No. or O (attendant)	Remote Access Ext. No. or O (attendant)	—
Prefix Mark	O, 1, 2, or 3	0, 1, 2, or 3	—
Toll Table Reference	1, 2, 3, or 4	1, 2, 3, or 4	
Digit Absorption List	O, 1, 2, 3, or 4	—	.
Prefix -1	y o r n	—	—

TABLE l-A. Allowable Field Entries for CO, FX, WATS, or DID Trunks (Contd)

FIELD NAME	ALLOWABLE FIELD ENTRIES FOR		
	CO,FX	WATS	DID
Restriction	code, toll, or blank	—	—
Allowed Calls List	y o r n	—	—
Trunk Type	ground-start or loop-start	ground-start or loop-start	immed-start or wink-start
Incoming Rotary Timeout (see)	—	—	5-99
Outgoing Dial Type	tone, rotary, or automatic	tone or rotary	—
Incoming Dial Type	—	—	tone or rotary
Trunk Termination	6000hm or rc	6000hm or rc	6000hm or rc
Disconnect Timing (msec)	140 to 5000	140 to 5000	140 to 5000
Digit Treatment	—	—	absorption or insertion
Digits	—	—	enter the number of digits to be inserted or absorbed
Port	1 letter and 4 digits	1 letter and 4 digits	1 letter and 4 digits
Name	7 characters	7 characters	7 characters

TABLE l-B. Allowable Field Entries for Tie or Client-Provided Equipment (CPE) Trunks

FIELD NAME	ALLOWABLE FIELD ENTRIES FOR	
	TIE	**CPE**
Group Number	1-50	1-50
Group Type	tie or aplt	cpe
SMDR Reports	y o r n	y o r n
Group Name	15 chars	15 chars
COR	O-63	0-63
TAC	t ac	tac
Direction	incoming, outgoing, or two-way	—
Outgoing Display	y o r n	y o r n
Data Restriction	y o r n	y o r n
Dial Access	y o r n	y o r n
Busy Threshold	0-60	0-60
Night Service	extension number, O (attendant), or "blank"	.
Queue Length	0-100	0-100
Internal Alert	y o r n	—
Incoming Destination	remote access extension number, O (attendant), or "blank"	—
Comm Type	avd or voice	—
Trunk Type (in/out)	See *Note*	—
Interdigit Timing(sec)	5 - 9 9	—

Note—Allowable entries are:

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay /immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/ immed	wink/wink

TABLE l-B. Allowable Field Entries for Tie or Client-Provided Equipment (CPE) Trunks (Contd)

FIELD NAME	ALLOWABLE FIELD ENTRIES FOR	
	TIE	CPE
Outgoing Dial Type	tone or rotary	—
Incoming Dial Type	tone or rotary	—
Disconnect Timing (msec)	140 to 5000*	140 to 5000*
End-to-End Signaling (msec)	—	60 to 360**
List1	g No., s	—
List2	g No., s	.
List3	g No., s	—
Digit Treatment	absorption or insertion	.
Port	1 letter and 4 digits	1 letter and 4 digits
Name	7 characters	7 characters

*in increments of 10
**in increments of 20

Central Office (CO) Trunks

```
                              TRUNK  GROUP                        Page   1   of   3

       Group  Number:  _          Group  Type:  c o       SMDR  Reports?  y

         Group  Name:  OUTSIDE  CALL          COR:  1                    TAC:   _

              Direction:    two-way     Outgoing  Display?  n     Data  Restriction?  n

       Dial  Access?  y          Busy  Threshold:  60       Night  Service:  O

       Queue  Length:  O        Terminating  NPA:____     Incoming  Destination:  O

       Prefix  Mark:  O        Toll  Table  Reference:____     Digit  Absorption  List:   _

            Prefix-1?   n             Restriction:  c o d e

    TRUNK  PARAMETERS

              Trunk  Type:  _____

    Outgoing  Dial  Type:  tone____

       Trunk  Termination:  rc____         Disconnect  Timing  (msec): 500
```

GROUP MEMBER ASSIGNMENTS

Port	Name		Port	Name
1:	_____		16:	_____
2:	_____		17:	_____
3:	_____		18:	_____
4:	_____		19:	_____
5:	_____		20:	_____
6:	_____		21:	_____
7:	_____		22:	_____
8:	_____		23:	_____
9:	_____		24:	_____
10:	_____		25:	_____
11:	_____		26:	_____
12:	_____		27:	_____
13:	_____		28:	_____
			29:	_____
14:	_____		30:	_____
15:	_____			

GROUP MEMBER ASSIGNMENTS

Port	Name		Port	Name
31:	_____		46:	_____
32:	_____		47:	_____
33:	_____		48:	_____
34:	_____		49:	_____
35:	_____		50:	_____
36:	_____		51:	_____
37:	_____		52:	_____
38:	_____		53:	_____
39:	_____		54:	_____
40:	_____		55:	_____
41:	_____		56:	_____
45:	_____		57:	_____
43:	_____		58:	_____
44:	_____		59:	_____
45:	_____		60:	_____

Customer-Provided Equipment (CPE) Trunks

```
                          TRUNK GROUP                    Page  1  of  3

      Group  Number:  _            Group  Type:  c p e        SMDR  Reports?  y

        Group  Name:  OUTSIDE  CALL         COR:  1                  TAC:  _

                              Outgoing  Display?  n      Data  Restriction?  n

     Dial  Access?  y      Busy  Threshold:  6 0

     Queue  Length:  O


     TRUNK  PARAMETERS


                                            Disconnect  Timing(msec):  _____

                                         End-to-End  Signaling(msec):     6 0
```

Note: Pages 2 and 3 of this form are identical to pages 2 and 3 of the "Central Office Trunk Group" form.

Direct Inward Dialing (DID) Trunks

```
                          TRUNK GROUP                    Page   1   of   3

   Group  Number :  _            Group  Type: did       SMDR  Reports? y

      Group  Name: OUTSIDE  CALL           COR: 1                    TAC:  _

                                                       Data  Restriction? n


   TRUNK  PARAMETERS

         Trunk  Type: _____      Interdigit  Timing(sec): 5

                                         Incoming  Dial  Type: tone

      Trunk  Termination: rc             Disconnect  Timing(msec): 500

      Digit  Treatment: _____                        Digits:
```

Note: Pages 2 and 3 of this form are identical to pages 2 and 3 of the "Central Office Trunk Group" form.

Foreign Exchange (FX) Trunks

```
                              TRUNK GROUP                    Page  1  of  3
        Group  Number:  _              Group  Type:  f x        SMDR  Reports?  y

          Group Name:  OUTSIDE CALL         COR:  1                    TAC :

             Direction:    two-way     Outgoing Display?  n    Data  Restriction?  n

       Dial  Access?  y        Busy  Threshold:  60           Night  Service:  O

     Queue  Length:  O          Terminating  NPA:        Incoming  Destination:  O

      Prefix  Mark:  O        Toll Table Reference:      Digit  Absorption  List:  _

          Prefix-1?  n               Restriction:    code

     TRUNK  PARAMETERS

             Trunk  Type:  _____

     Outgoing  Dial  Type:  tone_____

        Trunk  Termination:    rc_____       Disconnect  Timing(msec):  500
```

Note: Pages 2 and 3 of this form are identical to pages 2 and 3 of the "Central Office Trunk Group" form.

Tie Trunks

TRUNK GROUP

Group Number: _   Group Type: tie   SMDR Reports?____

Group Name: OUTSIDE CALL   COR: 1   TAC :____

Direction: two-way Outgoing Display? n   Data Restriction? n

Dial Access? y   Busy Threshold: 6 0   Night Service: O

Queue Length: O   Internal Alert? _ Incoming Destination: O

Comm Type:

TRUNK PARAMETERS

Trunk Type(in/out): _____   Interdigit Timing(sec): 5

Outgoing Dial Type: tone   Incoming Dial Type: tone

                                            Disconnect Timing(msec): 500

ABBREVIATED DIALING

LIST 1: _____   LIST 2: _____   LIST 3: _____

Note: Pages 2 and 3 of this form are identical to pages 2 and 3 of the ''Central Office Trunk Group'' form.

TRUNK GROUP

Group Number: _   Group Type: wats   SMDR Reporls? y

Group Name: OUTSIDE CALL   COR: 1   TAC: _____

Direction: two-way   Outgoing Display? n   Data Restriction? n

Dial Access? y   Busy Threshold: ~   Night Service: O

Queue Length: O   Terminating NPA: 212   Incoming Destination: O

Prefix Mark: _   Toll Table Reference: _

TRUNK PARAMETERS
Trunk Type: _____

Outgoing Dial Type: tone   Disconnect Timing(msec): 500

Trunk Termination: rc

Note: Pages 2 and 3 of this form are identical to pages 2 and 3 of the "Access Trunk Group" form.

TABLE OF CONTENTS

PART 2

COMMUNICATIONS SURVEY

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PART 2

OVERVIEW

In the planning process, system requirements were identified by the AT&T Account Team and the client. Those requirements were converted into orderable system hardware when the Account Team configured the system. Now, features must be assigned on a system and per-terminal basis. This information will then be used to initialize the system.

In order to complete this *Implementation Manual,* you must:

- Have hardware and feature knowledge (consult the *AT&T System 75 Reference Manual—System Description, 555-200-200,* and the *AT& T System 75* Reference *Manual–Feature Description, 555-200-201.)*

- Know what system and terminal hardware has been ordered [refer to the Delivery Operations Support System (DOSS) order]

The chart in Figure 2-1 depicts work activities and relative time frames.

HOW TO USE

Part 2 of this Manual provides instructions for gathering the required information to implement System 75. Also included are instructions for completing the Port Assignment Record.

The procedural checklist shown below should be followed to complete Part 2.

Step 1: Read the Communications Survey Section. Understanding the Communications Survey is essential.

Step 2: Refer to the Port Assignment Record and complete that Record.

Step 3: Conduct a Communications Survey.

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SYSTEM 75 ACTIVITIES SCHEDULE

ACTIVITY ➤	SYSTEM 75 PLANNING	SYSTEM 75 CONFIGURATION	O R D E R S A L E S P L A C E D	SYSTEM MANAGEMENT REVIEW	CUSTOMER TRAINING	COMMUNICATIONS SURVEY AND IMPLEMENTATION	S Y S T E M D E L I V E R Y	SWITCH INSTALLATION AND SWITCH INITIALIZATION	C U T O V E R	CONTINUING SYSTEM ADMINISTRATION
INTERVAL ➤	PRE-SALE	PRE-SALE		WEEKS* 6–5	WEEK 4	WEEKS 3-2		WEEK 1		ONGOING

YOU ARE HERE

* WEEKS BEFORE CUTOVER (ESTIMATED)

Figure 2-1. System 75 Activities Schedule

COMMUNICATIONS SURVEY

The Communications Survey is a process or method to gather important information about communications users, their jobs, and their communications requirements. Defining these requirements and then matching them with the features offered by a System 75 designs a system that fulfills unique client requirements.

Depending on a system user's job function, features and calling privileges can be assigned. That is what a Communications Survey is: reviewing the needs of each station/job function by interviewing individual users, then assigning the appropriate features and calling privileges based on those interviews.

SURVEY STEPS

The importance of gathering accurate information cannot be stressed enough; therefore, it must be approached in a rather structured way.

Because the contract to lease or purchase System 75 may have been signed several months ago, the decision-making and planning processes should be reviewed.

Step 1

Talk with company management. Ask why they chose the System 75; what business problems do they want the System 75 to solve?

Step 2

Talk with the Account Team. Find out which applications were sold; what problems were perceived and how will a System 75 solve those problems.

Step 3

Look at the company's organization chart. It may not be possible or feasible to interview every employee. If not, look at the chart and choose a representative from each department, section, or work group. The person selected must have an understanding of the work group's current telephone system and business operations and have the authority to make some decisions about the new communications system. This representative will be responsible for providing specific station information. After the system has been installed, this individual can help explain feature operations to users.

Step 4

Obtain a floor plan of the building. If a floor plan was used during the planning of the system, use the same floor plan. If that floor plan is not available, try to obtain the architect's electrical drawings from the building engineer or contact the building owner. Electrical drawings are convenient to use because it is easy to spot the location of the conduit and power outlets used for telephone wiring. If blueprints are unavailable or outdated, use a large sheet of paper to draw the layout of floor space.

If several floors are occupied, or the building is divided into wings, a separate drawing should be used for each floor or wing. Draw in office walls, partitions, and desks.

Blueprints or drawings are needed for two important reasons:

> Ž They will help you to visualize various work groups–and assigning call answering arrangements becomes easier.

> Ž Drawings, or copies of them, must be provided to the installation technicians so they can install the terminals in the correct locations.

Step 5

Send a short memorandum to each department representative explaining what is to be accomplished.

Step 6

Before beginning the terminal user interviews, the number and type of equipment that has been ordered for each user must be known. Although it is expected that there will be some changes, significant changes may affect the contract that has been signed. Obtain a list of equipment from the Account Team.

Step 7

Before actually assigning features to terminals, review Tables 2-A, 2-B, and 2-C. These tables list the features that can be assigned to the voice terminals, the recommended button nomenclature, and the abbreviated feature name that must be entered on the form. The maximum number of buttons that can be assigned to that feature or function is also given.

This recommended button nomenclature is used in the *AT&T System 75 User's Guide Console Operations, 555-200-700,* and the *AT&T System 75 User's Guide Voice Terminal Operations, 555-200-701.* If different nomenclature is used, the related documentation should be marked to reflect the changes.

The features chosen are assigned to the voice terminal by entering the abbreviated feature name on the Buttons field on the Voice Terminal Form.

The button nomenclature must be entered on a label and inserted next to the button that is assigned the feature. A set of preprinted labels comes with each voice terminal. Figures 2-2 through 2-6 show the voice terminals, their button positions, and a suggested standard button arrangement. The nomenclature shown is the formal feature or function name. Use Tables 2-A, 2-B, and 2-C to determine the abbreviated name to enter on the form. Figures 2-7 through 2-9 show the administrable buttons for the Multibutton Electronic Telephone (MET) sets.

If one type of voice terminal is assigned, certain features and this arrangement can be used for more than one user, fill out one voice terminal form for the stations to be duplicated. The voice terminals in the group can be automatically duplicated by the system at time of initialization. The only items that cannot be duplicated are the extension numbers and port numbers.

TABLE 2-A. Voice Terminal Button Assignments for 7303S, 7305S, 7403D, and 7405D

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE				NOTES
				7303S	7305S	7403D	7405D	
Abbreviated Dialing	A D	abrv-dial (list:_ DC:_)	N	x	x	x	x	1
	AbrvDial Function	abr-spchar (Char-)	N	x	x	x	x	
	AbrvDial Mark	abr-spchar (Char: -m)	N	x	x	x	x	
	AbrvDial Pause	abr-spchar (Char: -p)	N	x	x	x	x	
	AbrvDial Program	abr-prog	1	x	x	x	x	
	AbrvDial Suppress	abr-spchar (Char: -s)	N	x	x	x	x	
	AbrvDial Wait	abr-spchar (Char: -w)	N	x	x	x	x	
Abbreviated Dialing/ Digital Display	Stored Number	stored-num	1	-	-	-	x	
AP Demand Print	Print Msgs	print-msgs	1	x	x	x	x	
Automatic Callback	Auto Callback	auto-cback	N	x	x	x	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-A. Voice Terminal Button Assignments for 7303S, 7305S, '7403D. and 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE				NOTES
				7303S	7305S	7403D	7405D	
Bridged Call Appearance	Extension	brdg-appr	N	x	x	x	x	
Call Appearance	*Extension*	call-appr	10	x	x	x	x	
Call Coverage	Consult	consult	1	x	x	x	x	
	Coverage Callback	cov-cback	1	x	x	x	x	
	Send Trm (Grp:_)	send-term (Grp:_)	N	x	x	x	x	
	Go to Coverage	goto-cover	1	x	x	x	x	
	Send All Calls	send-calls (Type:_ Grp:_)	1	x	x	x	x	2
Gall Coverage Answer Group	See UCD/DDC/Call Coverage							
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	-	-	-	x	
Call Park	Call Park	call-park	1	x	x	x	x	
Call Pickup	Call Pickup	call-pkup	1	x	x	x	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-A. Voice Terminal Button Assignments for 7303S, 7305S, 7403D, and 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE				Notes
				7303S	7305S	7403D	7405D	
Data Call Setup	Data (data extension #)	data-ext (Ext:_)	N	x	x	x	x	
Date and Time/ Digital Display	Date Time	date-time	1	-	-	-	x	
Elapsed Time/ Digital Display	Timer	timer	1	-	-	-	x	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:_)	N	x	x	x	x	3
Inspect/Digital Display	Inspect Mode	inspect	1	-	-	-	x	
Integrated Directory	Integrtd Directry	directory	1	–	–	–	x	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom Grp:_ DC:_)	N	x	x	x	x	4
Intercom-Dial	DialIcom	dial-icom (Grp:_)	N	x	x	x	x	5
Last Number Dialed	LastNumb Dialed	last-numb	1	X	x	x	. x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE				NOTES
				7303S	7305S	7403D	7405D	
Leave Word Calling	LWC	lwc-store	1	x	x	x	x	
	Cancel LWC	lwc-cancel	1	x	x	x	x	
Leave Word Calling/ Digital Display	Return Call	call-disp	1				x	
	Message Retrieve	mesg-retr	1				.X	
	Next Message	next	1	_		+	x	
	Delete Message	delete-msg	1				x	
	Lock LWC	Iwc-lock	1			+	x	
Leave Word Calling (Remote .Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:_)	N	x	x	x _	x	6
Manual Signaling	Signal (name or extension #)	signal (Ext:_)	N	x	x	x +	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-A. Voice Terminal Button Assignments for 7303S, 7305S, 7403D, and 7405D (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE				NOTEs
				7303s	7305s	7403D	7405D	
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:_)	N	x	x	.x	x	7
Normal Mode/ Digital Display	Normal Mode	normal	1	-	-	-	x	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:_)	N	x	x	x	x	8
Privacy– Manual Exclusion	Exclusn	exclusion	1	x	x	x	x	
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:_)	N	x	x	x	x	9
UCD/DDC	Make Busy	make-busy (Grp:_)	N	x	x	x	x	
UCD/DDC/ Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:_ Grp:_)	N	x	x	x	x	10

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-A. Voice Terminal Button Assignments for 7303S, 7305S, 7403D, and 7405D (Contd)

NOTES

1. List: List number 1 to 3 where the destination number is stored.

   DC: Dial codes of destination number.

2. Type: A "c" for an individual extension, and a "t" for a terminating extension group.

   Grp: The terminating extension group number (1 to W).

3. TAC/
   Ext: Extension number voice terminal to be monitored.

4. Grp: Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.

5. Grp: Dial Icom group number (1 to W).

6. Ext: Extension number of principal.

7. Ext: The destination extension.

8. Grp: Central Office line group number (1 to 25).

9. Grp: Terminating Extension Group Number (1 to 32).

10. Type: A "c" for coverage answer group, "h" for a uniform call distribution, or direct department calling group.

    G rp: The number of the group (1 to 100 for "c," 1 to 32 for "h").

TABLE 2-B. Voice Terminal Button Assignments for 7302 H01B, 7303 H01B, 7305 H01B, 7305 H02B, AT&T Personal Terminal' Model 510, and 515 BCT

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE						Notes
				7302 H01B	7303 H01B	7305 H01B	7305 H02B	510	515	
Abbreviated Dialing	AD	abrv-dial (List:_ DC:___)	N	x	x	x	x	x	x	1
	AbrvDial Function	abr-spchar (Char:~)	N	x	x	x	x	x	x	
	AbrvDial Mark	abr-spchar (Char:~m)	N	x	x	x	x	x	x	
	AbrvDial Pause	abr-spchar (Char:~p)	N	x	x	x	x	x	x	
	AbrvDial Program	abr-prog	1	x	x	x	x	x	x	
	AbrvDial Suppress	abr-spchar (Char:~s)	N	x	x	x	x	x	x	
	AbrvDial Wait	abr-spchar (Char:~w)	N	x	x	x	x	x	x	
Abbreviated Dialing/Digits Display	Stored Number	stored-num	N	-	-	-	x	x	x	
AP Demand Print	Print Msgs	print-msgs	1	x	x	x	x	x	x	
Automatic Callback	Auto Callback	auto-cback	N	x	x	x	x	x	x	
Bridged Call Appearance	*Extension*	brdg-appr	N	x	x	x	x	x	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-B. Voice Terminal Button Assignments for 7302 H01B. 7303 H01B. 7305 H01B, 7305 H02B, AT&T Personal Terminal Model' 510. and 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE						NOTES
				7302 H01B	7303 H03B	7305 H01B	7305 H02B	510	515	
Call Appearance	*Extension*	call-appr	10	x	x	x	x	x	x	
Call Coverage	Consult	consult	1	x	x	x	x	x	x	
	Coverage Callback	cov-cback	1	x	x	x	x	x	x	
	SendAll Calls—TEG	send-term (Grp:___)	N	x	x	x	x	x	x	
	Go to Coverage	goto-cover	1	x	x	x	x	x	x	
	Send Trm (Grp: ___)	send-calls (Type:___ Grp:___)	1	x	x	x	x	x	x	2
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	-	-	-	x	x	x	
Call Park	Call Park	call-park	1	x	x	x	x	x	x	
Call Pickup	Call Pickup	call-pkup	1	x	x	x	x	x	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

2-13

TABLE 2-B. Voice Terminal Button Assignments for 7302 H01B, 7303H01 B, 7305 H01B, 7305 H02B, AT&T Personal Terminal Model 510, and 515 BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE						NOTES
				7302H01B	7303H01B	7305H01B	7305H02B	510	515	
Data Call Setup	Data (data ext #)	data-ext (Ext:___)	N	x	x	x	x	x	x	
Date and Time/ Digital Display	Date Time	date-time	1	-	-	-	x	x	x	
Elapsed Time/ Digital Display	Timer	timer	1	-	-	-	x	x	x	
Facility Busy Indication	Busy (trunk or extension #)	busy-ind (TAC/ Ext:___)	N	x	x	x	x	x	x	3
Inspect/Digital Display	Inspect Mode	inspect	1	-	-	-	x	x	x	
Integrated Directory	Integrtd Directry	directory	1	-	-	-	x	x	x	
Intercom-Automatic	AutoIcom (name or extension #)	auto-icom (Grp:___ DC:___)	N	x	x	x	x	x	x	4
Intercom-Dial	DialIcom	dial-icom (Grp:___)	N	x	x	x	x	x	x	5
Last Number Dialed	LastNumb Dialed	last-numb	1	x	x	x	x	x	x	

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

2-14

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE						NOTES
				7302 H01B	7303 H01B	7305 H01B	7305 H02B	510	515	
Leave Word Calling	LWC	lwc-store	1	x	x	x	x	x	x	
	Cancel LWC	lwc-cancel	1	x	x	x	x	x	x	
Leave Word Calling/ Digital Display		call -disp	1				~	x	x	
	Message Retrieve	mesg-retr	1				x	x	x	
	Next Message	next	1				x	x	x	
	Lock LWC	Iwc-lock	1				x	x	x	
	Delete Message	delete-msg	1	x	x	x	x	x		
Leave Word Calling (Remote Message Waiting)	Message (name or extension #)	aut-msg-wt (Ext:_)	N	x	x	x	x	x	x	6
Manual Signaling	Signal (name or extension #)	signal (Ext:_)	N	x	x	x	x	x	x	

*N'= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 2-B. Voice Terminal Button Assignments for 7302H01B, 7303H01B, 7305H01B, 7305H02B, AT&T Personal Terminal Model 510, and 515BCT (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE 7302H01B	7303H03B	7305H01B	7305H02B	510	515	NOTES
Manual Message Waiting	Msg Wait (name or extension #)	man-msg-wt (Ext:___)	N	x	x	x	x	x	x	7
Normal Mode/ Digital Display	Normal Mode	normal	1	-	-	-	x	x	x	
Personal Central Office Line	CO Line (telephone #)	per-COline (Grp:___)	N	x	x	x	x	x	x	8
Privacy— Manual Exclusion	Exclusn	exclusion	1	x	x	x	x	x	x	
Terminating Extension Group	Term Grp (name or extension #)	term-x-gr (Grp:___)	N	x	x	x	x	x	x	9
UCD/DDC	Make Busy	make-busy (Grp:___)	N	x	x	x	x	x	x	
UCD/DDC/ Call Coverage (Answer Group)	Coverage (group number, type or name or ext #)	in-call-id (Type:___ Grp:___)	N	x	x	x	x	x	x	10

*N= any number of buttons on the voice terminal can be assigned to this feature or function.

(See Notes at end of table.)

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TABLE 2-B. Voice Terminal Button Assignments for 7302H01B, 7303H01B, 7305H01B, 7305H02B, AT&T Personal Terminal Model 510, and 515 BCT (Contd)

NOTES

1. List: List number 1 to 3 where the destination number is stored.

   DC: Dial codes of destination number.

2. Type: An "e" for an individual extension, "t" for a terminating extension group.

   Grp: The terminating extension group number (1 to 32).

3. TAC/
   Ext: Extension number voice terminal to be monitored.

4. Grp: Dial Icom group number (1 to 32). This extension and destination extension number must both be in the same group.

5. Grp: Dial Icom group number (1 to 32).

6. Ext: Extension number of principal.

7. Ext: The destination extension.

8. Grp: Central Office line group numbers (1 to 25).

9. Grp: Terminating Extension group number (1 to 32).

10. Type: A "c" for coverage answer group, "h" for a uniform call distribution or direct department calling group.

    Grp: The number of the group (1 to 100 for "c," 1 to 32 for "h.")

TABLE 2-C. Voice Terminal Button Assignments for 10-, 20-, and 30-Button MET

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	VOICE TERMINAL TYPE			NOTES
				10 MET	20 MET	30 MET	
Abbreviated Dialing	AD	abrv-dial (List: __ DC:_____)	N	x	x	x	1
	AD Func	abr-spchar (Char:~)	N	x	x	x	
	AD Mark	abr-spchar (Char:~m)		x	x	x	
	AD Paus	abr-spchar (Char: ~p)	N	x	x	x	
	AD Prog	abr-prog	*l*	x	x	x	
	AD sups	abr-spchar (Char: ~s)	N	x	x	x	
	AD Wait	abr-spchar (Char: ~w)	N	x	x	x	
AP Demand Print	Print Msgs	print-msgs	1	x	x	x	
Automatic Callback	Auto Call Back			x	x	.x	
Bridged Call Appearance	*Extension*	brdg-appr	N	x	x	x	
Call Appearance	*Extension*	call-appr	10	x	x	x	

* N = any number of buttons on the voice terminal can be assigned to this feature or function. The 10 MET can have only 5 maximum call appearance buttons.

(See Notes at end of table.)

TABLE 2-C. Voice Terminal Button Assignments for 10-, 20-, and 30-Button MET (Contd)

| FEATURE OR FUNCTION | RECOMMENDED BUTTON NOMENCLATURE | ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM | MAXIMUM ALLOWED* | VOICE TERMINAL TYPE | | | NOTEs |
				10 MET	20 MET	30 MET	
Call Coverage	Consult	consult	1	x	x	x	
	Covr Call Back	cov-cback	1	x	x	x	
	Send Trm (Grp:_)	send-term (Grp:_)	x	x	x	x	
	Go To Covr	go to-covr	1	x	x	x	
	Send All Calls	send-calls (Type:_ Grp:_)	1	x	x	x	2
Call Park	Call Park	call-park	1	x	x	x	
Call Pickup	Call Pick up	call-pkup	1	x	x	x	
Data Call Setup	Data (Ext #)	data-ext (Ext:_)	N	x	x	x	
Intercom-Automatic	Auto Icom (Ext #)	auto-icom (Grp:_) (DC:_)	N	x	x	x	3
Intercom-Dial	Dial Icom	dial-icom (Grp:_)	N	x	x	x	4
Last Number Dialed	Last Numb Dial	last-numb	1	x	x	x	

*N = any number of buttons on the voice terminal can be assigned to this feature or function. The 10 MET can have only 5 maximum call appearance buttons.

(See Notes at end of table.)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED'	VOICE TERMINAL TYPE			NOTEs
				10 MET	20 MET	30 MET	
Leave Word Calling	Cncl LWC	lwc-cancel	1	x	x	x	
	LWC	lwc-store	1	x	x	x	
	Msg (name or Ext #)	aut-msg-wt (Ext:_)	N	x	x	x	5
Manual Signaling	Man Sgnl (name or Ext #)	signal (Ext:_)	N	x	x	x	
Manual Message Waiting	Msg Wait (name or Ext #)	man-msg-wt (Ext:_)	N	x	x	x	6
Personal Central Office Line Groups	Line (NXX-) (XXXX)	per-COline (Grp:_)	N	x	x	x	7
Privacy-Manual Exclusion	Excl	exclusion	1	x	x	x	
Facility Busy Indication	Busy (Ext #)	busy-ind (TAC/ Ext:_)	N	x	x	x	8
Terminating Extension Group	Term Grp (name or Ext #)	term-x-gr (Grp:_)	N	x	x	x	9
UCD/DDC	Make Busy	make-busy (Grp:___)	N	x	x	x	
UCD/DDC/Call Coverage (Answer Group)	Covr (group#, type, name, or Ext#)	in-call-id (Type:__ Grp:___)	N	x	x	x	10)

* N = any number of buttons on the voice terminal can be assigned to this feature
or function. The 10 MET can have only 5 maximum call appearance buttons.

(See Notes at end of table.)

TABLE 2-C. Voice Terminal Button Assignments for 10-, 20-, and 30-Button MET (Contd)

NOTES:

1. List: List number 1 to 3 where the destination number is stored.

   DC: Dial code of destination number.

2. Type: An "e" for an individual extension, "t" for a terminating terminal group.

   Grp: The terminating terminal group number (1 to 32).

3. Grp: Dial icom group number (1 to 32). This extension and destination extension number must both be in the same group.

4. Grp: Dial icom group number (1 to 32).

5. Ext: Extension number of principal.

6. Ext: The destination extension.

7. Grp: Central Office line group numbers (1 to '25).

8. TAC/
   Ext: Extension number voice terminal to be monitored.

9. Grp: Terminating extension group number (1 to 32).

10. Type: A "c" for coverage answer group, "h" for a uniform call distribution or direct department calling group.

    Grp: The number of the group (1 to 100 for "c", 1 to 32 for "h").

Ten Administrable Buttons

(1) Call Appearance (6) Call Coverage

(2) Call Appearance (7) Leave Word Calling

(3) Call Appearance (8) Abbreviated Dialing

(4) Automatic Callback (9) Abbreviated Dialing

(5) Last Number Dialed (10) Abbreviated Dialing

CONFERENCE   TRANSFER

DROP   HOLD

1	ABC 2	DEF 3
GHI 4	JKL 5	MNO 6
PRS 7	TUV 8	WXY 9
*	Oper 0	#
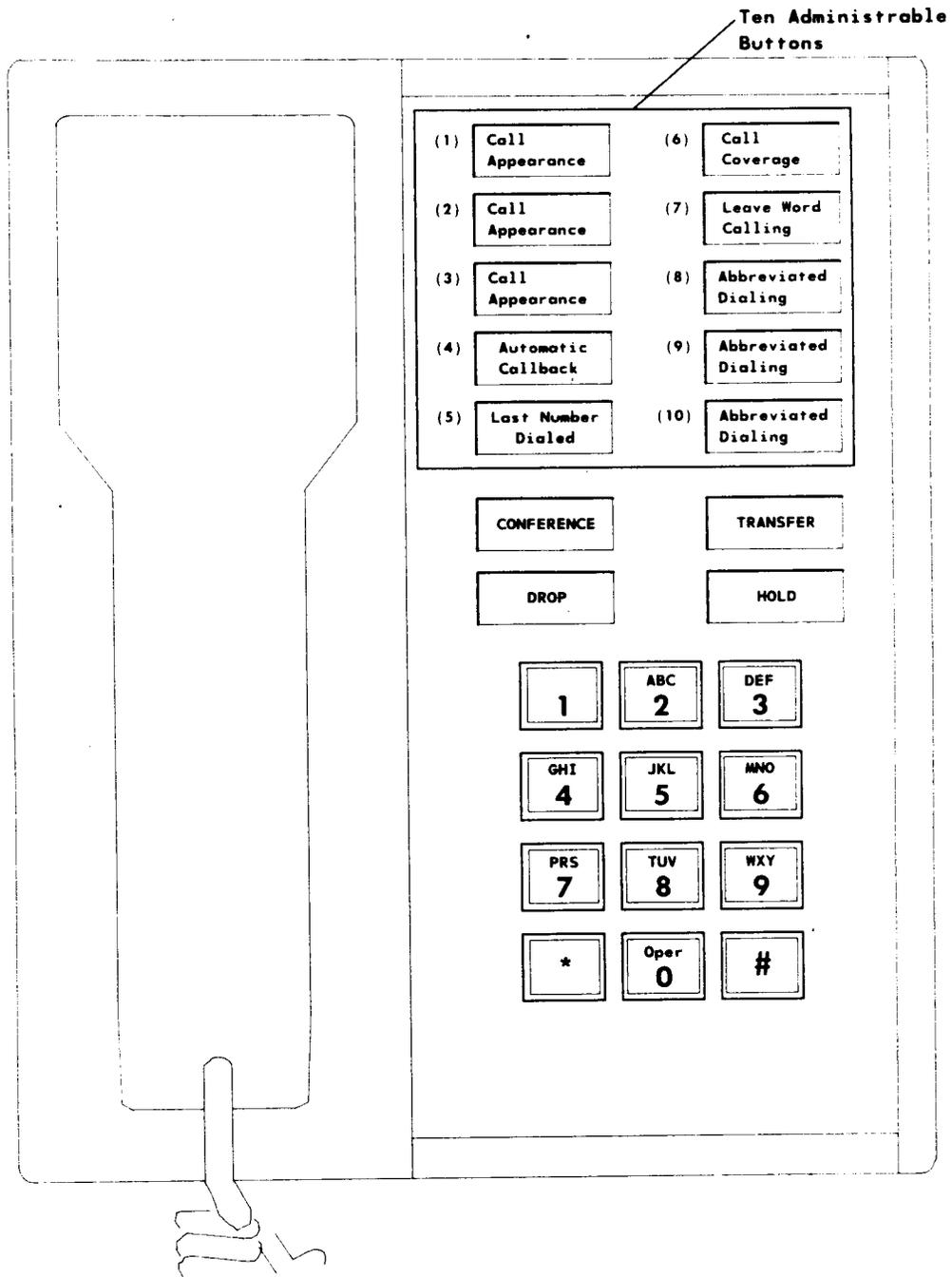
Note: These sets contain two additional fixed feature buttons not shown.

Figure 2-2. Suggested Button Arrangement and Assignments for 7303S or 7403D Voice Terminals (General)

(1) Call Appearance	(6)	(1) Call Coverage	(13) Abbreviated Dialing
(2) Call Appearance	(7)	(2) Leave Word Calling	(14) Abbreviated Dialing
(3) Call Appearance	(8)	(3)	(15) Abbreviated Dialing
(4) Intercom— Automatic	(9)	(4)	(16) Abbreviated Dialing
(5) Automatic Callback	(10)	(5)	(17) Abbreviated Dialing

		(6)	(18) Abbreviated Dialing
CONFERENCE	TRANSFER	(7)	(19) Abbreviated Dialing
DROP	HOLD	(8)	(20) Abbreviated Dialing

1	ABC 2	DEF 3
GHI 4	JKL 5	MNO 6
PRS 7	TUV 8	WXY 9
*	Oper 0	#

(9)	(21) Abbreviated Dialing
(10)	(22)
(11)	(23)
(12)	(24)

Note: This set contains two additional fixed feature buttons not shown.

Figure 2-3. Suggested Button Arrangement and Assignments for 7305S Voice Terminal (Manager)

Digital Display Module

Seven Administrable Buttons   Thirty-Four Administerable Buttons

(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Normal Mode	Inspect	Date/ Time	Covr Msg Retrieve	Message Retrieve	Next Message	Delete Message	ON/OFF

(1) Call Appearance   (6)   (1) Call Coverage   (13) Abbreviated Dialing

(2) Call Appearance   (7)   (2) Leave Word Calling   (14) Abbreviated Dialing

(3) Call Appear   (8)   (3)   (15) Abbreviated Dialing

(4) Intercom—Automatic   (9)   (4)   (16) Abbreviated Dialing

(5)   (10)   (5)   (17) Abbreviated Dialing

(6)   (18) Abbreviated Dialing

(7)   (19) Abbreviated Dialing

CONFERENCE   TRANSFER

(8)   (20) Abbreviated Dialing

DROP   HOLD

(9)   (21) Abbreviated Dialing

1	ABC 2	DEF 3
GHI 4	JKL 5	MNO 6
PRS 7	TUV 8	WXY 9
*	Oper 0	#

(10)   (22) Abbreviated Dialing

(11)   (23)

(12)   (24)

MESSAGE   RECALL   DISCONNECT

Figure 2-4. Suggested Button Arrangement and Assignments for 7405D Voice Terminal (Manager With Digital Display Module)

2-24
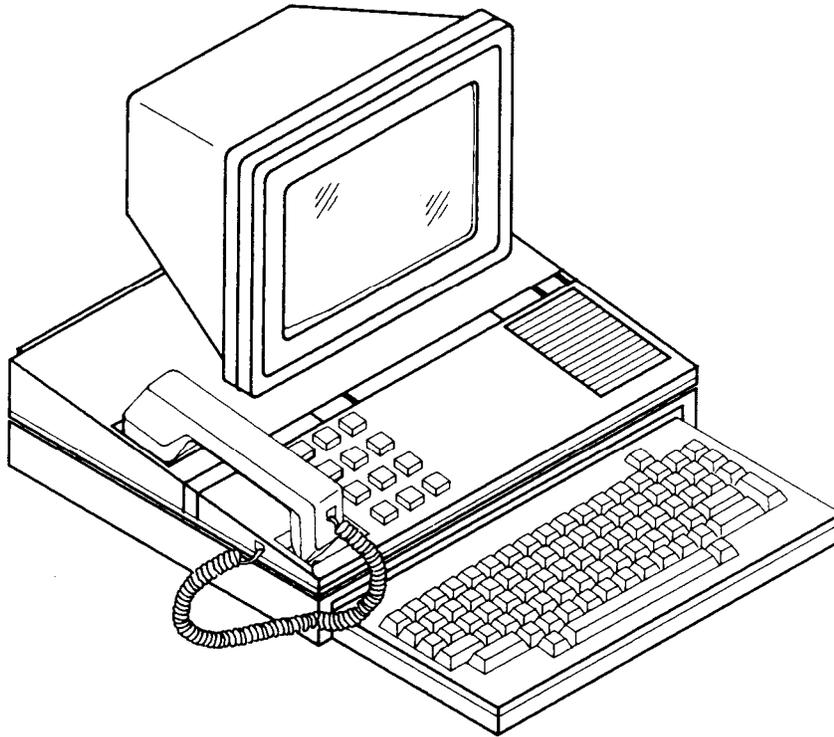
Figure 2-5. Administrable Button Locations for AT&T Personal Terminal (PT) Model 510

SEVEN
ADMINISTRABLE
DISPLAY BUTTONS

TEN
ADMINISTRABLE
BUTTONS

TO KEYBOARD
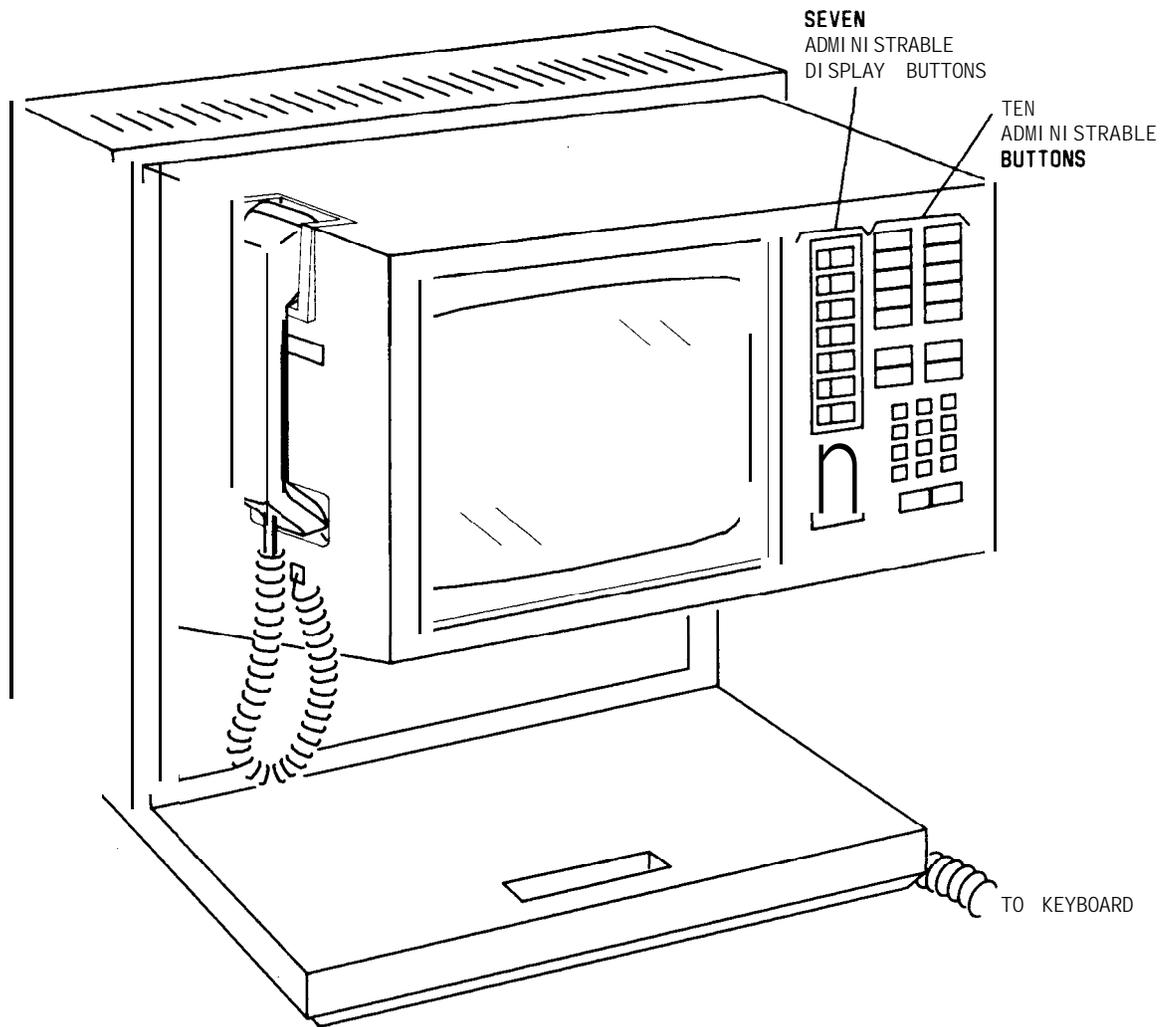
Figure 2-6. Administrable Button Locations for 515 Business Communications Terminal (BCT)
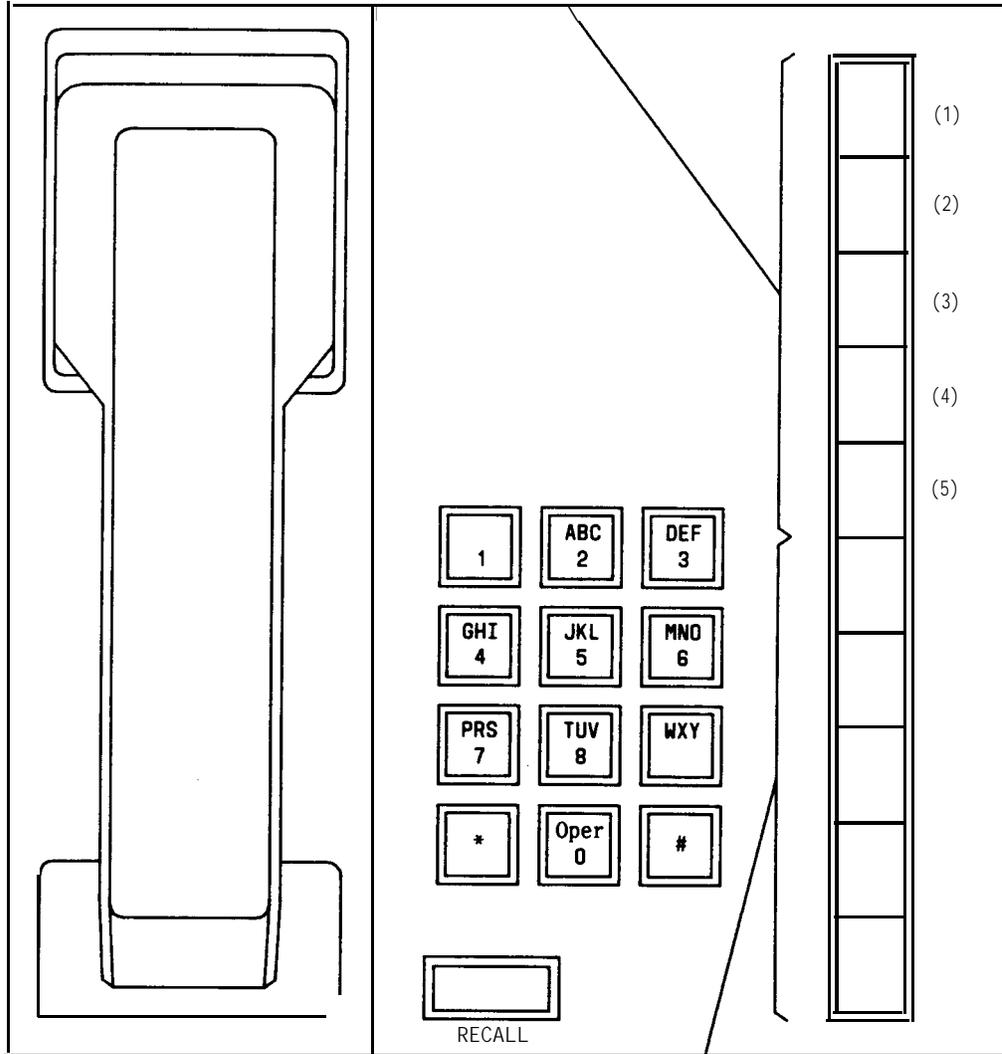
FIXED FEATURE BUTTONS
FOR MESSAGE, HOLD,
TRANSFER, CONFERENCE,
AND DROP (NOT ADMINISTRABLE)

Figure 2-7. 10-Button MET Voice Terminal Administrable Button Number Assignments

FIVE
ADMINISTRABLE
BUTTONS

FIXED FEATURE BUTTONS
FOR MESSAGE HOLD,
TRANSFER, CONFERENCE
AND DROP (NOT ADMINISTERA8LE)

TEN
ADMINISTRABLE
BUTTONS
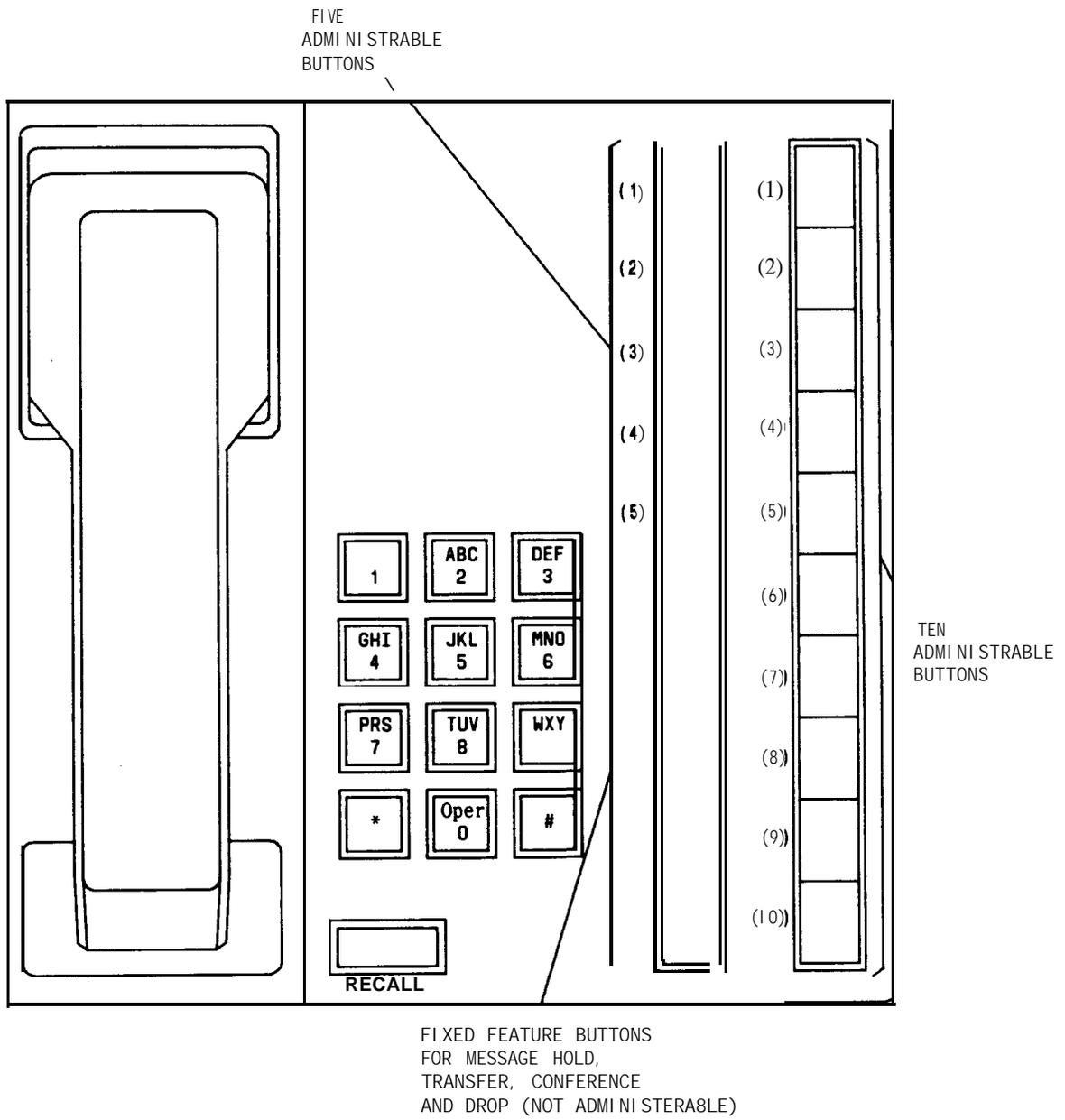
Figure 2-8. 20-Button MET Voice Terminal Administrable Button Number Assignments
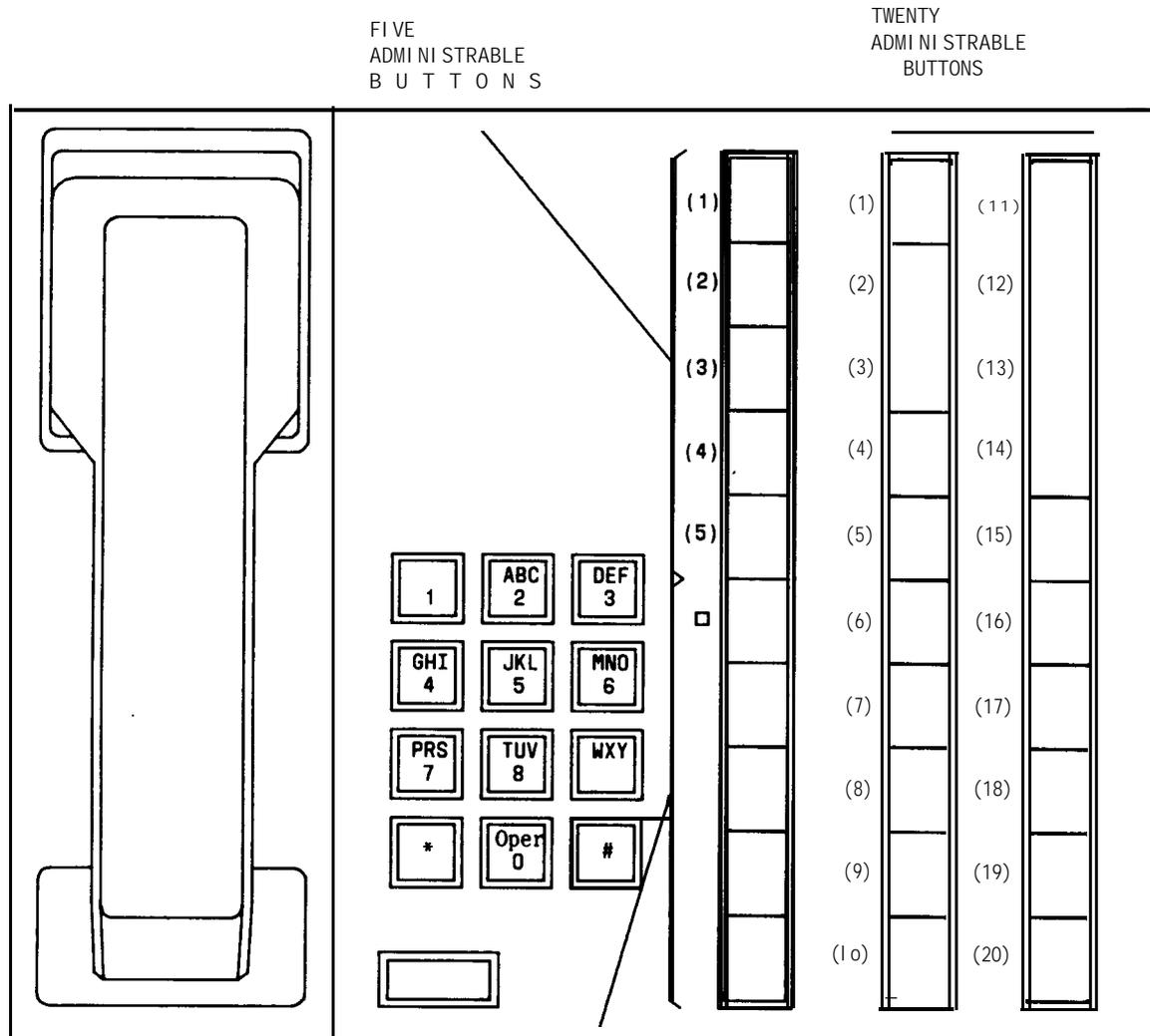
FIVE
ADMINISTRABLE
BUTTONS

TWENTY
ADMINISTRABLE
BUTTONS

FIXED FEATURE BUTTONS
FOR MESSAGE, HOLD,
TRANSFER, CONFERENCE,
AND DROP (NOT ADMINISTRABLE)

Figure 2-9. 30-Button MET Voice Terminal Administrable Button Number Assignments

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PORT ASSIGNMENT

Port assignments play an important role in how a System 75 is initialized and administered. Ports are the physical location on a circuit pack where terminals, trunks, or system adjuncts are connected. Once assigned, port numbers become the "address" of the associated equipment or facility in the System 75. It is imperative that a record be made and kept of port assignments for system installation/initialization and ongoing administration.

During the planning/configuration stage, a System 75 model was determined. Also, the types and quantities of circuit packs and the quantity (if any) of additional port carriers were identified. This information must now be entered on the Port Assignment Record. Obtain hardware types and quantities from the Account Team.

Instructions For Completing The Port Assignment Record:

1. Remove the Port Assignment Record and duplicate as many times as necessary in order to have enough pages for each carrier. Each port carrier contains 20 slots; the control carrier that comes with every model contains either 11 slots (for models 1A and lB) or 7 slots (for models 2A, 2B, 3A, 3B, 3C, and 3D). See Figures 2-10 through 2-13.

2. Assign the letter "A" to both pages of the control carrier. Assign a letter ("B" through "E") to each of the remaining ports.

3. Assign slot numbers as follows. For the **control** carrier of models 1A and lB begin with the #2 and number through #12. For the control carrier of models 2A, 2B, 3A, 3B, 3C, and 3D begin with the #2 and number through #8. All **port** carrier slots should be numbered 1 through 20 (except carrier D [the fourth carrier] which should be numbered 2 through 20).

4. Next, assign circuit packs to available slots using the following method:

   a. First, determine from the Account Team which circuit packs, and how many, have been ordered.

   b. Begin with the control carrier (pages labeled A). This carrier has a 10-minute battery holdover and should be assigned as follows:

   l–Digital Line circuit pack (TN754) in slot 2

   1 –CO Trunk circuit pack (TN747) in slot 8

   l–DID Trunk circuit pack (TN753) in slot 7

   l–Tie Trunk circuit pack (TN760) in slot 6

   l–Auxiliary Trunk circuit pack (TN763) in slot 5

   If any of the above circuit packs are not included in any given system, their assigned slots should not be left empty. Instead, all other circuit packs assigned to carrier A should be moved over to fill the gap.

c. For the remaining circuit packs, divide the quantity of each type of circuit pack by the total number of port carriers ordered. The result will be the number of each type of circuit pack per port carrier.

If there are odd numbers of circuit packs, distribute them among the port carriers as evenly as possible.

d. Each port carrier should be assigned as follows:

First, beginning with slot 1 and counting up (Slot 2 in carrier D), assign

- all Digital Line circuit packs (TN754)

- all Hybrid Line circuit packs (TN762)

- all MET Line circuit packs (TN735)

- all Analog Line circuit packs (TN742)

- all Data Line circuit packs (TN726)

in that order.

Second, beginning with slot 20 and counting down, assign

- all CO Trunk circuit packs (TN747)

- all DID Trunk circuit packs (TN753)

- all Tie Trunk circuit packs (TN760)

- all Auxiliary Trunk circuit packs (TN763)

- and all Pooled Modem circuit packs (TN758)

in that order.

Any remaining circuit packs should be assigned slots in . the control carrier in the same order mentioned above.

5. Determine how many ports are available on each type of circuit pack using the following list. If a circuit pack contains less than eight (8) ports, strike out the unavailable slots on the Port Assignment Record associated with that pack.

Circuit Pack Type	Available Ports
Data Line Circuit Pack (TN726)	8
MET Line Circuit Pack (TN735)	4
Analog Line Circuit Pack (TN742)	8
CO Trunk Circuit Pack (TN747)	8
Tone Detector Circuit Pack (TN748)	6
Tone Detector Circuit Pack (TN748B)	6
DID Trunk Circuit Pack (TN753)	8
Digital Line Circuit Pack (TN754)	8
Pooled Modem Circuit Pack (TN758)	2
Tie Trunk. Circuit Pack (TN760)	4
Tie Trunk Circuit Pack (TN760B)	4
Hybrid Line Circuit Pack (TN762)	8
Auxiliary Trunk Circuit Pack (TN763)	4

Some implementation forms require port information. When completing a feature form that requires such information, refer to the Port Assignment Record. After determining which type of port is required, select the next vacant port on the appropriate circuit pack. Complete the Port Assignment Record as applicable.

CONTROL CARRIER A (MODELS 2A, 2B, 3A, 3B, 3C, 3O)

		P o R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T
		2	3	4	5	6	7	8
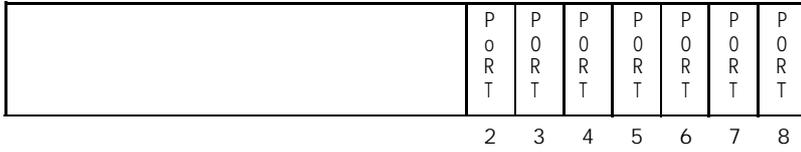
CONTROL CARRIER A (MODELS 1A AND 1B)

	2	3	4	5	6	7	8	9	10	11	12

PORT CARRIERS B, C, E

P o R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

PORT CARRIER O

P o R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	P O R T	p O R T	P O R T	p O R T	p O R T
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
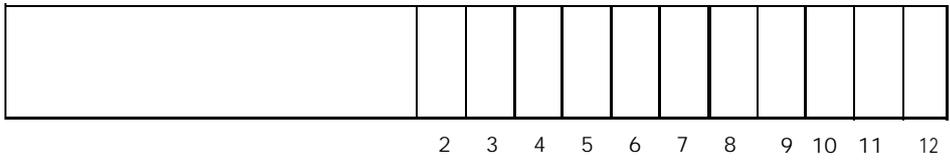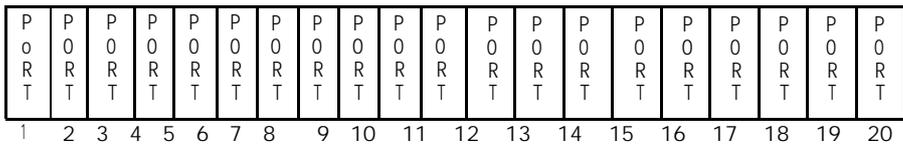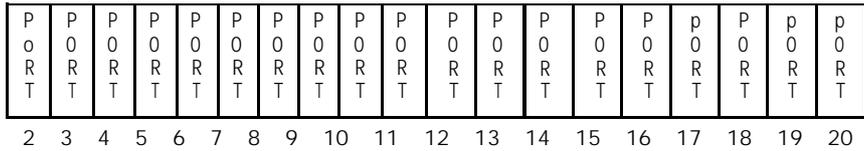
CIRCUIT PACK SLOT LOCATIONS

Figure 2-10. Control and Port Carrier Circuit Pack Slot Locations for Model 3 and Models 1 and 2 (Front View)

```
+-------------------------------------------+
| +---------------------------------------+ |
| |                                       | |
|||            PORT  CARRIER  (C)         | |
| |                                       | |
| +---------------------------------------+ |
| +---------------------------------------+ |
| |                                       | |
| |            PORT  CARRIER  (B)         | |
| |                                       | |
| +---------------------------------------+ |
| |                                       | |
| |           CONTROL  CARRIER  (A)       | |
| |                                       | |
| +---------------------------------------+ |
| |                                       | |
| |            FAN  ASSEMBLY  (X)         | |
| |                                       | |
| +---------------------------------------+ |
| |                                       | |
| |            PORT  CARRIER  (O)         | |
| |                                       | |
| +---------------------------------------+ |
| |                                       | |
| |            PORT  CARRIER  (E)         | |
| |                                       | |
| +---------------------------------------+ |
| |                POWER                  | |
| |         DISTRIBUTION  (Y)             | |
| |                UNIT                   | |
| +---------------------------------------+ |
+-------------------------------------------+
```
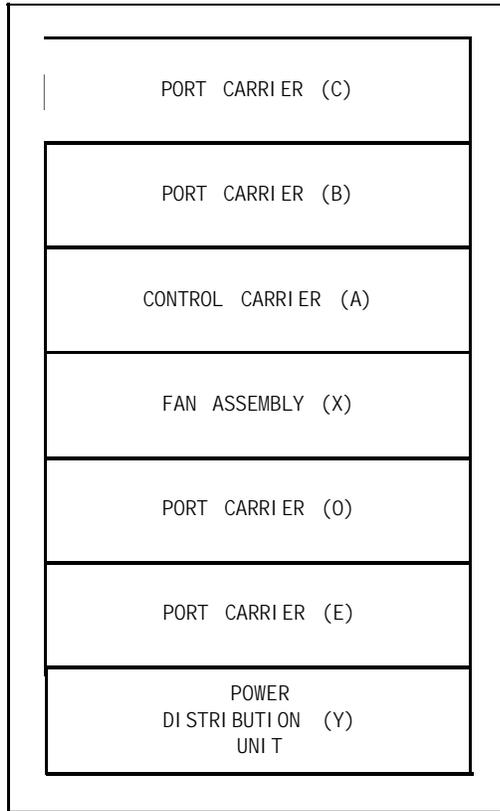
Figure 2-11. Mode1 3 Carrier Locations and Designations (Front View)
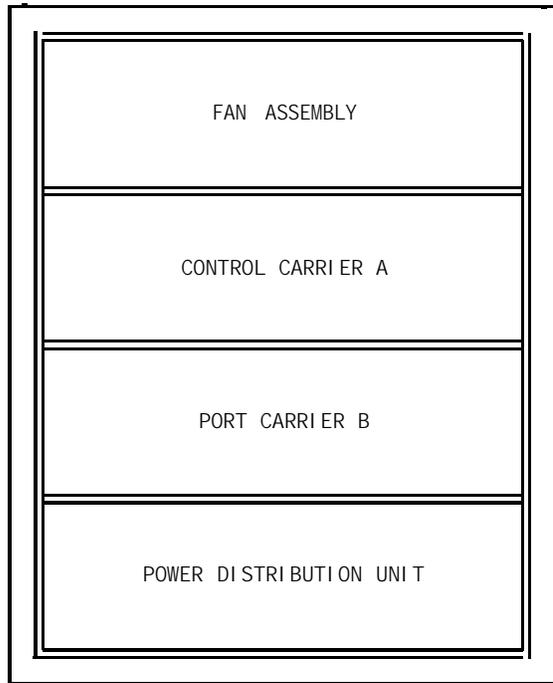
Figure 2-12. Models 1 and 2 Carrier Locations and Designations (Front View)

2-38

slot	Port	Jack*	Terminal		Bldg. Flr. Rm.	Voice Terminal		Voice Terminal Adjunct	Module	Power*		User Name/ Use
			Old	New		Type	color					
slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											
slot	01											
	0 2											
	03											
	04											
	05											
	06											
CKT PK	07											
	08											
slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											
slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											

* To be completed by installation technician

Figure 2-13. Port Assignment Record

Jack # —to be completed by the installation technician.

Terminal #

> Ž old—enter the extension number to be replaced by the System 75 terminal.

> • new-enter the new System 75 extension number.

Bldg., Flr., Rm. –enter the identifying information for the location of the System 75 terminal.

Voice terminal type/color —enter the System 75 terminal information.

Voice terminal adjunct –enter adjunct equipment associated with the terminal; for example, speakerphone, headsets, etc.

Module –enter PDM, DTDM, TDM, Call Coverage, Feature, or Display module.

Power —to be completed by installation technician.

Blank –use as necessary.

User name/use –enter the name of the user or the feature name as appropriate (example: SMDR).

TABLE OF CONTENTS

PART 3

SYSTEM FEATURES

INTRODUCTION

PART 3

OVERVIEW

This section lists the system features associated with System 75, both standard and optional. Standard features are always provided. Implementation is not required. Optional features may or may not be provided to a given user and, therefore, require implementation. Optional features and the associated form(s) are provided. When needed for clarity, references are given to specific sections (fields) on the form.

This section does not attempt to discuss any feature in detail. The *AT&T System 75 Reference Manual—Feature Description, 555-200-201,* provides a detailed description of the ' System 75 features.

HOW TO USE

Refer to the Table of Contents for a complete listing of features. If any other system and/or terminal features have been selected, refer to and complete that section. Also, complete the Feature Access Codes Form.

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ABBREVIATED DIALING

Provides lists of stored numbers that can be accessed to place local, long-distance, and international calls; to activate features; or to perform end-to-end signaling. (End-to-end signaling allows access to remote computer equipment.) Stored numbers can be accessed by voice terminal users, data terminal users, and incoming tie trunk groups. With version 2, certain stored numbers can also be accessed by attendants.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Feature Access Codes Form—verify that all feature access codes for accessing lists and programming entries in a personal list have been established in the "Abbreviated Dialing Listl, List2, and List3 Access Code and Program Access Codes" sections.

- • Abbreviated Dialing 7103A Buttons Form–complete all sections of the 7103A list, if the system uses 7103A Fixed Feature Voice Terminals.

- Ž Station Form–assign lists to voice terminals "Abbreviated Dialing" section. On multi-appearance voice terminals, optionally assign buttons to access an Abbreviated Dialing list entry. For example, if entry 1 on the system list is the number of a branch office in London, then this entry can be assigned to a button. The call can be placed by lifting the receiver and pressing the button. Similarly, entries from a group or personal list can be assigned to a button. Users can program buttons which are assigned to an Abbreviated Dialing personal list entry.

  Some features have a button directly associated with them; others do not. For example, a Call Pickup button can be assigned to a multi-appearance voice terminal, whereas a Priority Calling button cannot. To associate Priority Calling with a button, assign the Priority Calling feature access code to an Abbreviated Dialing list (normally, the System List) and then assign that list entry to the button. This is exactly the same procedure as discussed in the preceding paragraph. The only difference is that the Abbreviated Dialing list entry is a feature access code instead of a telephone number.

  Certain voice terminals used with System 75 are capable of storing numbers." Like Abbreviated Dialing, a stored number is automatically dialed w-hen the associated button is pressed. This, however, is Repertory Dialing, not Abbreviated Dialing. In this case, the number is stored in the voice terminal, not in the system. Abbreviated Dialing only applies for numbers stored in the system.

- Ž Abbreviated Dialing System Form—establish a System List. Complete all sections
- • Abbreviated Dialing Group List Form—establish Group Lists. Contact personnel who will use Abbreviated Dialing Group List to determine the codes or numbers that should be entered on the various Group Lists. Blank lists can be established and codes or numbers can be added later. Also, specify if calls to numbers on this list should be privileged. Complete all sections.
- Ž Abbreviated Dialing Personal List Form—establish Personal Lists. Users can program their own Personal List once the list is in the system. Complete all sections.

Hardware arid Software Requirements

No additional hardware or software is required.

AP DEMAND PRINT

A11ows the voice terminal user to print his or her own undelivered messages without calling the AP-based Message Center.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- • Station Form–assign "print" button.

Hardware and Software Requirements

An Applications Processor must be included in the system. No additional software is required.

ATTENDANT AUTO-MANUAL SPLITTING

A11ows the attendant to announce a call or consult privately with the called party without being heard by the other party on the call.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT CALL WAITING

Allows an attendant originated or extended call to a busy single-line voice terminal to wait at the called terminal. The attendant is free to handle other calls.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT CONTROL OF TRUNK GROUP ACCESS

Allows the attendant to control trunk groups, and prevents voice terminal users from directly accessing a controlled trunk group.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Attendant Console Form—trunk groups to be controlled *must* be assigned to one of the first six Attendant Direct Trunk Group Access buttons "Direct Trunk Group Button Assignments (Access Codes)" section. A Control Activate and a Control Deactivate button (one each) *must* be assigned to one of the 24 programmable feature buttons on the attendant console "Feature Button Assignments" section.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT DIRECT EXTENSION SELECTION WITH BUSY LAMP FIELD

Allows the attendant to place or extend calls to all extension numbers assigned to the system by pressing a Group Select button and a Direct Extension Selection (DXS) button instead of dialing the extension number.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Attendant Console Form—assign up to eight buttons in the "Hundreds Select Button Assignments" section.

Hardware and Software Requirements

Requires Selector (DSX) Console. No additional software is required.

ATTENDANT DIRECT TRUNK GROUP SELECTION

Allows the attendant direct access to an idle outgoing trunk by pressing the button assigned to the desired trunk group.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Attendant Console Form–assign up to 12 buttons in the "Direct Trunk Group Buttons (Access Code)" section.

- • This feature is closely related to the **Trunk Group Busy/Warning Indicators to Attendant** feature. Refer to that feature for additional information.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT DISPLAY

Shows call-related information that the attendant needs for efficient operation of the console. Also shows personal-service and message information. Information is shown on the 40-character alphanumeric display on the attendant console.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed. The button assignment is optional, the display is standard.

- Ž Attendant Console Form—assign up to eight buttons in the "Display Module Button Assignment" section.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT RECALL

Allows voice terminal users on a 2-party call, or on an Attendant Conference call held on the console, to recall the attendant for assistance.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

ATTENDANT RELEASE LOOP OPERATION

Allows the attendant to hold the connection of any call off the console if completion of the call is delayed (such as a call extended to a busy single-line vioce terminal or to a voice terminal that does not answer). This feature frees the attendant to handle other calls.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

AUTOMATIC CALLBACK

Allows internal users who placed a call to a busy or unanswered internal voice terminal to be called back automatically when the called voice terminal becomes available.

Administration

This feature is optional. To implement this feature, the followng form(s) or sections of a form(s) must he completed.

- Feature Related System Parameters Form–specify callback time-out interval in the "Automatic Callback—No Answer Timeout Interval (rings)" section.

Ž Feature Access Codes Form–verify "Automatic Callback Activation and Deactivation" sections have been assigned.

Ž Station Form—assign Automatic Callback buttons to multi-appearance voice terminals, as desired.

Ž Class-of-Service Form–verify "Automatic Callback" section has the correct permission.

Hardware and Software Requirements

No additional hardware or software is required.

BRIDGED CALL APPEARANCE

Allows multi-appearance voice terminal users to have an appearance of another user's primary extension number. The bridged call appearance can be used to originate, answer, and bridge onto calls to or from the other user's primary extension number.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Station–assign "brdg-appr" to a 2-lamp button. Enter the button number of the call appearance on the principal voice terminal that is being bridged on in the dynamic field, "Btn." Enter the principal extension in the dynamic field, "Ext." Enter 'j-" or "n" in the field labeled "Bridged Call Alerting" to enable or disable the audible signal on bridged call appearances. One button must be assigned for each bridged appearance. If the principal has three call appearances, the bridging extension must have three bridged appearances assigned in order to emulate the principal extension. Less than a full complement of bridged extensions can be assigned, but call appearance emulation (tracking) is on a one-for-one basis.

Hardware and Software Requirements

No additional hardware or software is required.

CALL COVERAGE

Provides automatic redirection of certain calls to alternate answering position's in a Call Coverage path.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Coverage Answer Group Form–establish coverage answer groups.

- Coverage Path Form–establish desired coverage paths.

- Feature Related System Parameters Form–verify or complete "Coverage Don't Answer Interval for Subsequent Redirection (rings)" and "Coverage-Caller Response Interval (sees)" sections.

- Feature Access Code Form—verify or assign a "Send All Calls Activation and Deactivation" code, if desired.

Ž Hunt Group Form–assign coverage path to groups, as desired.

Ž Terminating Extension Group Form–assign coverage paths to groups as desired.

Ž On principal's Station Form (the one to which the call was first directed):

- Assign a Call Coverage Path.

- Complete "Redirect Notification" section (which causes the principal's voice terminal to receive a half ring on calls that redirect to coverage). This field is common to Call Coverage and Call Forwarding.

- Complete "Coverage Msg Retrieval Permission" section (which allows any user in the principal's call coverage path to retrieve the principal's Leave Word Calling messages). The user must have a display capability.

- Assign a Go to Cover button, if desired.

- Assign a Send All Calls button, if desired.

Ž On covering user's voice terminal (the one to which a call redirects,) assign the following buttons, as desired:

- Consult

- Coverage Answer Group Numbers (in-call-id section)

- Coverage Call Back ("cov-cback")

- Send All Calls

Ž Station Form–assign a Go to Coverage button on voice terminals where users will place calls that can redirect to Coverage if desired.

Hardware and Software Requirements

No additional hardware or software is required.

CALL FORWARDING—ALL CALLS

Allo ws all calls to an extension number to be forwarded to a selected internal extension number or the attendant. This feature is activated or deactivated by dial access code.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Feature Access Codes Form–verify "Call Forwarding Activation and Deactivation" access codes have been assigned.
- Ž Station Form–complete "Redirect Notification" section (which causes the forwarding terminal to receive a half ring on calls that forward). This field is common to Call Coverage and Call Forwarding.
- Ž Station Form–assign a "Call Forwarding" button.
- Class-of-Service Form–verify "Call Forwarding" section has the correct permission.

Hardware and Software Requirements

No additional hardware or software is required.

CALL PARK

Allows users to put a call on hold and then retrieve the call from any other voice terminal within the system.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Feature Access Codes Form–verify "Call Park Access Code" and "Answer Back Access Code" sections are completed.
- Feature Related System Parameters—complete "Call Park Time-out Interval (minutes)" section.
- Ž Station Form–assign Call Park button to voice terminal, if desired.
- Ž Console Parameters Form—complete "Common Shared Extension" sections.

Hardware and Software Requirements

No additional hardware or software is required.

CALL PICKUP

Allows voice terminal users to answer calls to other extension numbers within the user's specified Call Pickup group.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

   Ž Feature Access Codes Form—complete "Call Pickup Access Code" section.

   Ž Pickup Group Form–establish pickup groups.

   • Station Form–assign Call Pickup buttons to voice terminals. if desired.

Hardware and Software Requirements

No additional hardvare or softvare is required.

CALL WAITING TERMINATION

Provides for calls to busy single-line voice terminals to wait and sends a distinctive call waiting tone to the called party.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

   Ž Station Form–complete "Call Waiting Indication" section for single-line voice terminals.

Hardware and Software Requirements

No additional hardware or software is required.

CENTRALIZED ATTENDANT SERVICE

AIlows services performed by attendants in a private network of switching systems to be .
concentrated at a central, or main, location. Each branch in a Centralized Attendant Service
(CAS) has its own listed directory number (LDN). Incoming trunk calls to the branch, as
\vell as attendant-seeking voice terminal calls, are routed to the centralized attendants over
release link trunks (RLTs).

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a
form(s) must be completed:

- Ž Attendant Console Form–assign "CAS Back-Up" to a designated button lamp.

- Ž Console-Parameters Form–verify "CAS (Branch)" is activated and "RLT Trunk
  Number" and "CAS Back-Up Ext" fields are completed.

- Ž Station Form–assign "cas backup" to a designated button lamp. "Night-serv" may
  be assigned to only one voice terminal.

- Ž Trunk Group Form–for Tie Trunks, specify Trunk Type as "rlt-branch." (Only one
  RLT Trunk Group is allowed per system.) Set the following fields as follovs:

  – disconnect timing: "280" (msec)

  — direction: "two-way"

  — dial access: "n"

  — in and out dial types: (no **entry)**

  — incoming destination is "blank"

- . Feature Access Code Form–fill in the "Remote Hold Access Code" field.

Hardware and Software Requirements

Requires a Release-Link Trunk Group to the Main (TN760B). Also requires CAS software.

CLASS OF RESTRICTION

Defines up to 64 different classes of call origination and termination privileges. Systems may have only a single COR, one with no restrictions, or may have as many CORS (up to 64) as necessary to effect the desired restrictions.

Administration

To implement restrictions, the following form(s) or sections of a form(s) must be completed:

- Class of Restriction Form–complete appropriate fields.
- Complete the "COR" sections for the following forms:
    - Console Parameters
    - Hunt Group
    - Loudspeaker Paging
    - Data Module
    - Station
    - Remote Access (barrier codes)
    - Terminating Extension Group
    - Trunk Group

Hardware and Software Requirements

No additional hardware or software is required.

CLASS OF SERVICE

Defines whether or not voice terminal users may access four features:

- Automatic Callback
- Call Forwarding All Calls
- Data Privacy
- Priority Calling

Administration

To implement this feature, select an appropriate Class of Service for the following:

- Console Parameters
- Data Module
- Station

Hardware and Software Requirements

No additional hardware or software is required

CODE CALLING ACCESS

.Allows attendants, voice terminal users, and tie trunk users to page with coded chime signals.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

> Ž Loudspeaker Paging/Code Calling Access Form—complete code calling sections. Assign Code Calling identifications to extension numbers next" sections.

Hardware and Software Requirements

An Auxiliary Trunk Circuit Pack TN763 must be installed and connected before this feature can be implemented. The Code Calling Access feature shares the same ports used for loudspeaker paging.

CONFERENCE—ATTENDANT

Allows the attendant to set up a conference call for as many as six conferees, including the attendant. Conferees from inside and outside the system can be added to a conference call.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required

CONFERENCE—TERMINAL

Allows multi-appearance voice terminal users to set up 6-party conference calls without attendant assistance. Single-line voice terminal users can set up 3-party conference calls without attendant assistance.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

CONSULT

A11ows a covering user, after answering a coverage call, to call the principal (called party) for private consultation.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Station Form–assign a Consult button.

Hardware and Software Requirements

No additional hardware or software is required.

COVERAGE CALLBACK

A11ows a covering user to leave a message for the principal (called party) to call the calling party.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Station Form–assign a Cover Callback button.

Hardware and Software Requirements

No additional hardware or software is required.

COVERAGE INCOMING CALL IDENTIFICATION

A11ows multi-appearance voice terminal users without a display in a Coverage Answer Group to identify an incoming call to that group.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Station Form–assign a Coverage Answer Group button.

Hardware and Software Requirements

No additional hardware or software is required.

DIAL ACCESS TO ATTENDANT

Allows voice terminal users to access an attendant by dialing O. Attendants can then extend the call to a trunk or to another voice terminal.

Administration

This is a standard feature. It does not require any implementation or administration,

Hardware and Software Requirements

No additional hardware or software is required.

DIAL PLAN

The dial plan is the system's guide to digit translation. When a digit is dialed, the system must know what to expect, based on that digit. For example, if a voice terminal user dials a 4, the system must know how many more digits to expect before the code will be processed.

Administration

To change the dial plan, the following form(s) or sections of a form(s) must be completed:

Ž Dial Plan Record Form—enter the local area code. Complete digit identification and numbering.

Hardware and Software Requirements

No additional hardware or software is required.

DIRECT DEPARTMENT CALLING AND UNIFORM CALL DISTRIBUTION

Allows direct inward access to an answering group other than the attendant even if the system does not have the Direct Inward Dialing (DID) feature.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Announcement Form—assign recorded delay announcement number, if used.

Ž Call Coverage Path Form–verify or build Call Coverage Path for the group, if used.

• Hunt Group Form–complete all sections.

Ž Trunk Group Form–if this feature is to be provided via DID, the assigned group extension number must be accessible via DID. If it is to be provided on a trunk group basis, then the group extension number must be entered for each associated trunk group in the "Incoming Destination" section.

Hardware and Software Requirements

Requires one port on an Analog Line Circuit Pack TN742 for each queue warning level lamp. No additional software is required.

DIRECT INWARD DIALING

Connects calls from the public network directly to the dialed extension number without attendant assistance.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Trunk Group for Direct Inward Dialing Form–verify or complete all sections.

Hardware and Software Requirements

A Direct Inward Dialing Trunk Circuit Pack TN753 must be installed and connected to implement this feature.

DIRECT OUTWARD DIALING

Allows voice terminal users to access the public network without attendant assistance.

Administration

To implement this feature, the following form(s) or section of a form(s) must be completed.

- Dial Plan Record Form—verify trunk access codes for local Central Offices, Foreign Exchange offices, and/or outward Wide Area Telecommunications Service (WATS).
- Trunk Group Form–verify or complete all sections for applicable outgoing Central Office, Foreign Exchange, or WATS.

Hardware and Software Requirements

A Central Office Trunk Circuit Pack TN747 must be installed and connected to implement this feature.

DISTINCTIVE ALERTING

Helps voice terminal users and attendants distinguish between various types of incoming calls.

Administration

This feature is optional on analog voice terminals. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Station Form for 2500, 7101A, 7103A 7104 voice terminal–complete "Distinctive Audible Alert" section.

Hardware and Software Requirements

A 500-type, 2500-type, or 7100-series voice terminal must be installed and connected to an Analog Line Circuit Pack TN742 to implement this feature.

FACILITY BUSY INDICATION

Provides multi-appearance voice terminal users with a visual indication of the busy or idle status of an extension number, a trunk group, terminating extension group, a hunt group (Direct Department Calling or Uniform Call Distribution group), or any loudspeaker paging zone, including all zones. The Facility Busy Indication button provides the voice terminal user direct access to the extension number, trunk group, or paging zone.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Station Form–assign "BUSY" button to the voice terminal.
- Ž Attendant Form—assign "Busy" button in the "Feature Button Assignments" section.

Hardware and Software Requirements

No additional hardware or software is required

GO TO COVER

Allows users, when making a call to another internal extension, to send the call directly to coverage.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Ž Station Form–assign a Go To Cover button.

Hardware and Software Requirements

No additional hardware or software is required.

HOLD

Allows voice terminal users to disconnect from a call temporarily, use the voice terminal for other call purposes, and then return to the original call.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

HOT LINE SERVICE

Provides a voice terminal user with the capability of making test calls to access specific trunks, touch-tone receivers, time slots, and system tones. A local voice terminal user can make a test call by dialing an access code. An Initialization and Administration System (INADS) terminal user can make a test call over a trunk.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Station Form –complete "Abbreviated Dialing" sections to assign an Abbreviated Dialing (personal, group, or system) List to the terminal.

- Ž Abbreviated Dialing Form–assign the Hot Line Destination to the Abbreviated Dialing list.

- Ž Station Form–complete "Hot Line Destination" section to specify the list entry containing the Hot Line Destination.

Hardware and Software Requirements

No additional hardware or software is required.

HUNTING

Checks for the active or idle status of extension numbers in one or more ordered groups. If all members of a group are active, the call can route to another group via Call Coverage or can wait in a queue for an available group member, if provided.

Refer to Uniform Call Distribution, Direct Department Calling, and/or Call Coverage. Hunting is implemented via these features, either singularly or in combination with each other.

INTEGRATED DIRECTORY

Allows internal system users with display-equipped terminals to access the system data base, use the touch-tone buttons to key in a name, and retrieve an extension number from the system directory. The directory contains an alphanumeric listing of the names and extension numbers assigned to all voice terminals administered in the system.

Administration

This feature is optional. The following form(s) or sections of a form(s) must be completed.

- Ž 7405D Station Form—assign a "y" (yes) to "D401A Display Module" section. Assign an Integrated Directory Button to one of the 34 assignable buttons.

- Ž Display Module Form—assign one Integrated Directory Button, if desired. If an Integrated Directory button is assigned to one of the 34 assignable buttons on the voice terminal, you cannot assign an Integrated Button on the Display Module, or vice versa.

- Ž Attendant Console Form—assign one Integrated Directory button to the "Feature Button Assignments" or "Display Module Button Assignment" section.

Hardware and Software Requirements

No additional hardware or software is required.

INTERCEPT TREATMENT

Provides an intercept tone or a recorded announcement or routes the call to an attendant for assistance when calls cannot be completed or when use of a feature is denied.

Administration

Providing announcement is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Feature Related System Parameters Form–complete "DID Intercept Treatment" section.

- Ž Announcement Form–assign intercept announcement number, if used.

Hardware and Software Requirements

An Analog Line Circuit Pack TN742 must be installed and connected to provide announcements. Each announcement must be assigned to a port.

INTERCOM—AUTOMATIC

Provides a talking path between two voice terminal users. Calling users press the Automatic Intercom button and lift the handset, or vice versa. The called user receives a unique intercom alerting signal, and the status lamp associated with the Dial or Automatic Intercom button, if provided, flashes.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of form(s) must be completed.

- Intercom Group Form—complete intercom-dial sections.
- Ž Station Form—assign Auto Intercom buttons).

Hardware and Software Requirements

No additional hardware or software is required.

INTERCOM—DIAL

Allows multi-appearance voice terminal users to gain rapid access to as many as 32 other voice terminal users within an administered group. Calling voice terminal users lift the handset, press the Dial Intercom button, and dial the 1- or 2-digit code assigned to the desired party. The called user receives alerting tone, and the status lamp associated with the Intercom button, if provided, flashes.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Intercom Group Form–establish intercom groups.
- Ž Station Form—assign buttons on voice terminals for all intercom group members who can originate an intercom call. Anyone in a group can be called, but only those members with an assigned Intercom button can originate an intercom call.

Hardware and Software Requirements

No additional hardware or software is required.

LAST NUMBER DIALED

Automatically redials the last number dialed when users press the Last Number Dialed button or dial the Last Number Dialed feature access code.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Feature Access Codes Form–verify "Last Number Dialed Access Code" section.

Ž Station Form—assign Last Number Dialed to voice terminal button.

Hardware and Software Requirements

No additional hardware or software is required.

LEAVE WORD CALLING

Allows internal system users to leave a short preprogrammed message for other internal users. Users can activate Leave \tord Calling (LWC) at any time during a call attempt.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Feature Related System Parameters Form–complete the "Maximum Number of Messages Per Station" and "Stations with System-wide Retrieval Permission" sections.

• Feature Access Code Form–verify or assign the following access codes:

   – "Leave Word Calling Message Retrieval Lock" section

   – "Leave Word Calling Message Retrieval Unlock" section

   – "Leave Word Calling Send a Message" section

   – "Leave Word Calling Cancel a Message" section

Ž Station Form–complete the "LWC Reception" and "LWC Activation" sections (which specify if the voice terminal can receive and/or activate LWC messages, respectively).

   – Assign a Leave Word Calling button, if desired.

   – Assign a Cancel button, if desired, to allow a calling party to cancel a previously left message.

Ž Station Form or the Attendant Console Form—for each voice terminal or attendant console group that can retrieve LWC messages, optionally assign the following buttons:

   – Message Retrieval (to access one's own messages–voice terminals only)

   – Coverage Msg Retrieval (to access another user's message)

   – Delete Message (to remove a retrieved message)

   – Return Call (to automatically call the person who left the message while displaying a retrieved message)

   – Lock (displays locked or unlocked status of the Message Retrieval)

   – Normal (to exit the retrieval mode of operation)

   – Next (to retrieve the next stored message)

   – Cancel Leave Word Calling (to allow canceling a previously left message)

   Note: Buttons can be assigned on the visual display module or in the "features area" of the terminal or console. If a Message Retrieval or a Coverage Message Retrieval button is specified, a Next Message and a Delete Message button should also be specified.

Hardware and Software Requirements

No additional hardware or software is required.

LINE LOCKOUT

Removes single-line voice terminal extension numbers from service when users fail to hang up after receiving intercept tone for 30 seconds and then dial tone for 10 seconds.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

LOUDSPEAKER PAGING ACCESS

Provides attendants and voice terminal users dial access to voice paging equipment.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Loudspeaker Paging and Code Calling Access Form–complete Loudspeaker Paging sections.

Hardware and Software Requirements

An Auxiliary Trunk Circuit Pack TN763 must be installed and connected to implement this feature. Each paging zone requires a port.

MANUAL MESSAGE WAITING

Enables multi-appearance voice terminal users, by pressing a designated button on their own terminals, to light the status lamp associated with the Manual Message Waiting button at another multi-appearance voice terminal. Activating the feature causes the lamp to light on both the originating and receiving voice terminals. Either terminal user can cause the lamp to go dark by pressing the button.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Station Form–assign Msg Wait buttons to voice terminals

Hardware and Software Requirements

No additional hardware or software is required.

MANUAL ORIGiNATING LINE SERVICE

Connects users to attendant automatically when the user lifts the handset.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Abbreviated Dialing List Form—verify or assign an attendant code to a list.

- Ž Station Form—assign the Abbreviated Dialing List to designated single-line voice terminal. List can be List 1, 2, or 3.

- • Station Form–complete "Hot-Line Destination" section to indicate the Abbreviated Dialing List entry containing the attendant code.

Hardware and Software Requirements

No additional hardware or software is required.

MANUAL SIGNALING

Allows a voice terminal user to signal another voice terminal user. The receiving voice terminal user hears a 2-second burst of tone.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Station Form–assign Signal button to voice terminal.

Hardware and Software Requirements

No additional hardware or software is required.

MULTI-APPEARANCE PRESELECTION AND PREFERENCE

Provides multi-appearance voice terminal users with options for placing or answering calls on selected appearances.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- • Station Form—complete "Idle Appearance Preference" section.

Hardware and Software Requirements

No additional hardware or software is required.

MULTIPLE LISTED DIRECTORY NUMBERS

Allows a publicly published number for each incoming and two-way (incoming side) foreign exchange (FX) and local central office (CO) trunk group assigned to the system. Also allows up to eight Direct Inward Dialing (DID) numbers to be treated as Listed Directory Numbers (LDNs).

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Trunk Group Form–assign "Incoming Destination" section for a Central Office or Foreign Exchange Office Trunk Group.

- Ž Listed Directory Numbers Form—assign up to eight listed directory numbers

Hardware and Software Requirements

No additional hardware or software is required.

MUSIC-ON-HOLD ACCESS

Provides music to one party on hold, waiting in a queue, or parked. The music lets the waiting party know that the connection is still in effect.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Feature Related System Parameters Form—complete "Music on Hold Port" section.

Hardware and Software Requirements

An Auxiliary Trunk Circuit Pack TN763 must be installed and connected to implement this feature.

NIGHT SERVICE—NIGHT CONSOLE SERVICE

Directs all calls for the primary and daytime attendant consoles to a night console.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Attendant Console Form—alternate console *must* be identical to the Primary Attendant Console. Specify alternate console as a "night console" in the "Console Type" section. Enter "night-only" if the console is dedicated to night service. Enter "day/night" if a day console is also used as the night console.

Hardware and Software Requirements

No additional hardware or software is required.

NIGHT SERVICE—NIGHT STATION SERVICE .

Redirects incoming attendant-seeking trunk calls to designated extension numbers whenever the system is placed in Night Service.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Do not provide a Night Console position.
- Ž Listed Directory Number (LDN) Form–provide Night Station.
- Trunk Group Form—verify that the extension number of the answering voice terminal or group is specified for each desired trunk group.

Hardware and Software Requirements

No additional hardware or software is required.

NIGHT SERVICE—TRUNK ANSWER FROM ANY STATION

Allows voice terminal users to answer all incoming attendant-seeking calls when the attendant(s) is not on duty and when other voice terminals have not been designated to answer the calls.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Do not provide a Night Console position.
- Ž Trunk Group Form–Verify "Night Service" section is blank for the associated trunk group.
- Ž Feature Access Codes Form–verify feature access code is assigned for "Trunk Answer Any Station Access Code" section.
- Ž Console Parameters Form–assign a port on the Analog Line Circuit Pack TN742 to provide connection with an alerting device in the "External Alerting Number (TAAS)" section.

Hardware and Software Requirements

An Analog Line Circuit Pack TN742 must be installed and connected so the alerting device can be connected to it.

PERSONAL CENTRAL OFFICE LINE

Provides a dedicated trunk for direct access to or from the public network for multi-appearance voice terminal users.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Personal Central Office Line Group Forms–verify or complete all sections.
- Ž Station Form–assign buttons to voice terminals in group,

Hardware and Software Requirements

A Central Office Trunk Circuit Pack TN747 must be installed and connected before a Central Office, Foreign Exchange, or Wide Area Telecommunications Service personal line can he implemented.

POWER FAILURE TRANSFER

Provides service to and from the local telephone company central office (CO) if power fails.

Administration

This feature is optional. To implement this feature, additional hardware must be installed in the System 75. No forms are used to implement this feature.

Hardware and Software Requirements

Power Failure Transfer equipment must be installed in the Cable Access Panel before this feature can be implemented.

PRIORITY CALLING

Provides a special form of call alerting between internal voice terminal users. The called voice terminal user receives a distinctive 3-burst alerting signal.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Feature Access Codes Form–verify or assign "Priority Calling Access Code" section.
- Ž Class of Service Form–verify "Priority Calling" has correct permission.

Hardware and Software Requirements

No additional hardware or software is required.

PRIVACY—ATTENDANT LOCKOUT

Prevents an attendant from reentering a multiple-party connection held on the console unless recalled by a voice terminal user.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Console Parameters Form—enter "y" in "Attendant Lockout" field.

Hardware and Software Requirements

No additional hardware or software is required.

PRIVACY—MANUAL EXCLUSION

Allows multi-appearance voice terminal users to keep other users with appearances of the same extension number from bridging onto an existing call.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Station Form–assign Manual Exclusion button to voice terminals of members of a Terminating Extension Group and/or Personal Central Office Line Group.

Hardware and Software Requirements

No additional hardware or software is required.

RECALL SIGNALING

Allows a single-line voice terminal user, active on a call, to place the party on hold and obtain recall dial tone by pressing the Recall button or by flashing the switchhook. The user can then place another call or activate a feature, and return to the held party by pressing Recall twice or by flashing the switchhook twice.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

RECORDED TELEPHONE DICTATION ACCESS

Permits voice terminal users, including Remote Access and incoming tie trunk users, to access dictation equipment.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Trunk Group Form For Customer Provided Equipment– verify or assign an auxiliary trunk group.

- Station Form–assign a port and extension number to 2500-series voice terminal form. Enter "n" to prevent interference with dictation equipment operation.

Hardware and Software Requirements

Requires a display-equipped voice terminal and one port on a Digital Line Circuit Pack TN754. No additional software is required.

REMOTE ACCESS

Permits callers from the public network to access the system and then use its features and services.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Remote Access Form—complete all sections. This provides Remote Access via Direct Inward Dialing if the assigned Remote Access Extension number is within the range of numbers dialable from the local central office.

- Ž Optionally, on a per-trunk group basis, verify or set the "Incoming Destination" field to the Remote Access Extension number to provide the feature via a dedicated trunk group (Trunk Group Form for incoming trunk groups, except Direct Inward Dialing).

- Ž Optionally, on a per-trunk group basis, verify that "Incoming Destination" section is equal to "O" (attendant). Verify or set "Night Service" section to the Remote Access Extension number to provide Remote Access for attendant seeking calls whenever the Night key is pressed and an Alternate Console Position is not provided (Trunk Group Form for incoming trunks, except Direct Inward Dialing).

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—CONTROLLED

Allows the attendant to activate and deactivate the following restrictions for an individual voice terminal or a group of voice terminals:

- Outward–The voice terminal(s) cannot be used for placing calls to the public network. Such call attempts receive intercept tone.

- Total–The voice terminal(s) cannot be used for placing or receiving calls. Direct Inward Dialing calls are routed to the attendant or a recorded announcement. All other calls receive intercept tone.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Feature Access Codes Form—verify or assign "User Control Restrict Activation and Deactivation" and "Group Control Restrict Activation and Deactivation" sections.

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—MISCELLANEOUS TERMINAL

Restricts callers at specified voice terminals from accessing certain other voice terminals.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Class of Restriction Form–verify or establish a single COR for the miscellaneous group.

- Station Form–assign the miscellaneous COR to the appropriate voice terminals.

Ž Remote Access Form–assign the miscellaneous COR to barrier codes.

- Hunt Group Form–assign the miscellaneous COR to Direct Department Calling and Uniform Call Distribution groups.

Ž Terminating Extension Group Form–assign the miscellaneous COR to the group.

- Data Module Form–assign the miscellaneous COR to the data module.

Ž Class of Restriction Form–verify or establish a Class of Restriction for each group of incoming trunk groups and/or terminals that are to be restricted from calling the miscellaneous group. (These CORs can be different.) To assign this capability on the COR form of the trunk groups and terminals that are to be restricted, the calling permission section must have an "n" (no) entered for the COR identification assigned to the miscellaneous group.

Ž Terminal and/or Trunk Group Forms—assign the selected Classes of Restriction to the incoming trunk groups and/or terminals. (CORs already assigned can be used if all users with the CORs will be restricted.)

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—MISCELLANEOUS TRUNK

Restricts users at specified voice terminals from accessing certain trunk groups, such as Wide Area Telecommunications Service (WATS).

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Class of Restriction Form–verify or establish a single COR for the miscellaneous group.

- Trunk Group Form–assign the miscellaneous COR to the appropriate trunk group(s),

- Class of Restriction Form–verify or establish a Class of Restriction for each group of incoming tie trunk groups and/or voice terminals that are to be restricted from calling the miscellaneous group. (These CORs can be different.) To assign this capability on the COR form of the trunk groups and terminals that are to be restricted, the calling permission section must have an "n" (no) entered for the COR identification assigned to the miscellaneous group.

- Voice Terminal and/or Tie Trunk Group Forms–assign the selected Classes of Restriction to the incoming tie trunk groups and/or voice terminals. (CORs already assigned can be used if all users with the CORs will be restricted.)

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—TOLL/CODE

Restricts users at specified voice terminals from placing public netwvork calls to certain . numbers within the local area code, to certain foreign (nonlocal) area codes, and to service codes (such as 411 for directory assistance and 911 for emergency service).

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Trunk Group Form—specify an "Allowed Calls List" if desired. For FX or CO Trunk Groups, specify or verify "code" or "toll" in the "Restriction" field.

- Ž Class of Restriction Form–assign restrictions to:

  - Attendant consoles as a group

  - Incoming tie trunks on a trunk group basis

  - Voice terminals on a per-terminal basis

- Ž Allowed Calls List—assign up to ten codes that toll-restricted users will be permitted to access.

- Code Restriction HNPA Table Entry Form–list central office codes within the local area code that code-restricted users will be permitted to access.

- Code Restriction FNPA Table Entry Form—list foreign area codes and service codes that code-restricted users will be permitted to access.

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—VOICE TERMINAL—INWARD

Restricts callers at specified voice terminals from receiving public network, attendant-originated, and attendant-extended calls. A denied call is routed to intercept tone, a recorded announcement. or the attendant.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Class of Restriction Form–verify or establish Class of Restriction with Called Party Restriction of "Inward."

- Ž Station Form–assign Class of Restriction to voice terminal.

Hardware and Software Requirements

No additional hardware or software is required

RESTRICTION—VOICE TERMINAL—MANUAL TERMINATING LINE

Restricts callers at specified voice terminals from receiving calls other than those from an attendant. All other calls are routed to intercept tone, a recorded announcement, or an attendant. The voice terminal user can originate calls and activate features.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Class of Restriction Form–verify or establish Class of Restriction with Called Party Restriction of "Manual."

- Ž Station Form–assign Class of Restriction to voice terminal

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—VOICE TERMINAL—ORIGINATION

Restricts callers at specified voice terminals from originating calls. Voice terminal users can receive calls.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- . Class of Restriction Form–verify or establish Class of Restriction with Calling Party Restriction of "Origination."

- Station Form–assign Class of Restriction to voice terminal.

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—VOICE TERMINAL—OUTWARD

Prevents specified voice terminal users from activating the Public Network Access feature. Calls can be placed to other voice terminal users, to the attendant, and to tie trunks.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Class of Restriction Form–verify or establish Class of Restriction with Calling Party Restriction of "Outward."

- Ž Station Form–assign Class of Restriction to voice terminal

Hardware and Software Requirements

No additional hardware or software is required.

RESTRICTION—VOICE TERMINAL—TERMINATION

Restricts voice terminal users on specified extension numbers from receiving any calls. Voice terminal users can originate calls.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Ž Class of Restriction Form–verify or establish Class of Restriction with Called Party Restriction of "Termination."
- • Station Form–assign Class of Restriction to voice terminal.

Hardware and Software Requirements

No additional hardware or software is required.

RINGBACK QUEUING

Places outgoing calls in an ordered queue (first-in, first-out) when all trunks are busy. The voice terminal user is automatically called back when a trunk becomes available. The voice terminal receives a distinctive 3-burst alerting signal (Priority Calling) when called back.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- • Trunk Group Forms for outgoing Trunk Groups—verify or assign queuing to "Queue Length" section.
- Ž Feature Related System Parameters Form–specify "Automatic Callback-No Answer Timeout Interval (rings)" section.
- • Feature Access Codes Form–verify "Automatic Callback Activation" section.
- • Station Form—assign Auto Callback buttons to multi-appearance voice terminals, as desired.

Automatic Callback and Ringback Queuing share the same intervals, codes, and buttons.

Hardware and Software Requirements

No additional hardware or software is required.

SEND ALL CALLS

Allows users to temporarily direct all incoming calls to coverage regardless of the assigned Call Coverage redirection criteria. Send All Calls also allows covering users to temporarily remove their voice terminals from the coverage path.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Ž Feature Access Codes Form—assign an Activation and a Deactivation access code for Send All Calls.

- • Station Form–assign a Send All Calls button.

Hardware and Software Requirements

No additional hardware or software is required

SENDERIZED OPERATION

Reduces the time necessary to place calls to distant locations equipped to receive touch-tone signals and allows end-to-end signaling to remote computer equipment.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

SMDR ACCOUNT CODE DIALING

Allows certain calls to be associated with a particular project or account number. This is accomplished by dialing specified account codes before making outgoing calls. This information is recorded by the Station Message Detail Recording (SMDR) feature and can be used later for accounting and/or billing purposes.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Ž Class of Restriction Form–complete Forced Entry of Account Codes field.
- Ž Feature Related System Parameters Form–complete Forced Entry of Account Codes for 0/1 Toll Calls field.

Hardware and Software Requirements

No additional hardware or software is required.

STRAIGHTFORWARD OUTWARD COMPLETION

Allows an attendant to complete an outgoing trunk call for a voice terminal user,

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

TEMPORARY BRIDGED APPEARANCE

Allows multi-appearance voice terminal users in a Terminating Extension Group or Personal Central Office Line Group to bridge onto an existing group call. If a call has been answered via the Call Pickup feature, the originally called party can bridge onto the call. Also allows a called party to bridge onto a call that redirects to coverage before the called party can answer it.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

TERMINATING EXTENSION GROUP

Allows an incoming call to alert (ring) as many as four voice terminals at one time. Any of the Voice terminal users can answer the call.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Terminating Extension Group Form–complete all sections.
- Ž Station Form–assign "Term Grp" button to voice terminal.

Hardware and Software Requirements

No additional hardware or software is required.

THROUGH DIALING

Allows the attendant to select an outgoing trunk for a voice terminal user. The attendant then releases from the connection, and the user completes the call.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

TIMED REMINDER

Automatically allerts the attendant after a predetermined time for the following types of

- Ž Extended calls waiting to be answered or waiting to be connected to a busy single-line voice terminal
- One-party incoming calls placed on hold on the console
- Ž Incoming calls answered by a voice terminal user, but which are unanswered after being transferred

Administration

This is an optional feature. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Console Parameters Form–complete "Time Reminder on Hold" and "Return Call Timeout" sections.

Hardware and Software Requirements

No additional hardware or software is required.

TOUCH-TONE DIALING

Provides quick and easy pushbutton dialing. Touch-Tone Dialing is always provided with the system. In addition to the O through 9 buttons, the * and # buttons have special functions, such as forming a part of a feature access code. A distinctive tone is generated when each button is pressed.

Administration

This is a standard feature. It does not require any implementation or administration

Hardware and Software Requirements

No additional hardware or software is required.

TRANSFER

Allows voice terminal users to transfer trunk or internal calls to other voice terminals within the system without attendant assistance.

Administration

This is a standard feature. It does not require any implementation or administration.

Hardware and Software Requirements

No additional hardware or software is required.

TRUNK GROUP BUSY/WARNING INDICATORS TO ATTENDANT

Provides the attendant with a visual warning that the number of busy trunks in a group has reached an administered level. A visual indication is also provided when all trunks in a group are busy.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Attendant Console Form—trunk group must be assigned to one of the first six "Direct Trunk Group Button Assignments (Access Codes)" on the console.

Ž Trunk Group Form–assign "Busy Threshold" (Warning) section.

Ž Refer to System Feature, ATTENDANT DIRECT TRUNK GROUP SELECTION.

Hardware and Software Requirements

No additional hardware or software is required.

TRUNK-TO-TRUNK TRANSFER

Allows the attendant or voice terminal user to connect an incoming trunk call to an outgoing trunk.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Feature Related System Parameters Form–complete "Trunk-to-Trunk Transfer" section.

Hardware and Software Requirements

No additional hardware or software is required.

VOICE TERMINAL DISPLAY

Provides multi-appearance voice terminal users with updated call and message information. This information is displayed on a display-equipped terminal. The information displayed depends upon the display mode selected by the user.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Station Form for 7405D–complete "D401A Display Module" section.

• Display Module Form–complete all sections.

Ž One "Normal" button must be assigned to either the display or the set.

Hardware and Software Requirements

A Digital Line Circuit Pack TN754 must be installed and connected to a 7405D voice terminal before this feature can be implemented. The voice terminal must have a digital display module.

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DATA CALL SETUP

Provides three methods to set up a data call: Data Terminal (keyboard) Dialing, Voice Terminal Dialing, or dedicating a voice terminal for data calls. Typically, when a data terminal is available, key-board dialing is more convenient and requires less steps; therefore, it should be used whenever possible. Data calls can be made at any of the industry standard data rates 19.2, 56, or 64 kbps.

Administration

Data Call Setup does not require assignment but the following related items require administration.

   Ž Feature Access Code Form–assign a Data Origination Access Code.

   Ž Station Form–assign Data Call Setup buttons to multi-appearance voice terminals.

   • Modem Pool Group Form—assign Circuit Pack Locations.

   • Assign Ports to:

      − Data Modules

      − BCTS

      − DLCS

      − 7404Ds

      − Analog Modems

Hardware and Software Requirements

Data Call Setup is a means of using data equipment to establish data calls. Requirements for data modules, AT&T Personal Terminal (PT) Model 510s, 515 BCTs, and modems are given below.

   Ž **Data Modules:** Each data module requires one port on a Digital Line Circuit Pack TN754. [A Digital Terminal Data Module (DTDM) shares the port with the associated voice terminal.]

   Ž **AT&T PT or 515 BCTS:** Each AT&T PT or 515 BCT requires one port on a Digital Line Circuit Pack TN754 for shared use of voice and data.

   Ž **7404D or 7404D:** Each Voice Terminal requires one port on a Digital Line Circuit Pack TN754 for shared use of voice and data.

   Ž **Modems:** Each modem requires one port on an Analog Line Circuit Pack TN742. (Administration designates the modem as a 2500-series voice terminal and an extension number is assigned. A modem is connected to the port instead of a voice terminal. Access is through the assigned extension number.)

- **Modem Pooling:** A Modem Pool Circuit Board TN758, or one digital port with a Trunk Data Module (either TDM/2 or MTDM) and one analog port with analog modem, is required for each conversion resource.

- **ŽKeyboard Dialing:** A Tone Detector Circuit Pack TN748B is required. Extensive use of features and services using tone detection may necessitate adding additional TN748B circuit packs. No additional software is required.

DATA-ONLY OFF-PREMISES EXTENSIONS

Allows users to establish data calls involving data communications equipment (DCE) or Data Terminal Equipment (DTE) that is located remotely from the System 75 site using DATAPHONE* digital service or other private line data facilities. A Data-Only Off-Premises Extension uses a (Modular) Trunk Data Module located on-premises. The communication with the remote data equipment is accomplished through the private line facility linking the on-premises (Modular) Trunk Data Module and the remote data equipment.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Digital Line Circuit Pack–assign the associated data module to a vacant port.

Hardware and Software Requirements

Requires a Trunk Data Module and one port on a Digital Line Circuit Pack TN754. No additional software is required.

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* Service mark of AT&T

DATA PRIVACY

Protects analog data calls from being disturbed by any of the system's overriding or alerting features. Data Privacy denies the system the ability to gain access to, or to superimpose tones onto, the protected call.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Feature Access Codes Form—complete "Data Privacy Access Code" section.

Ž Class of Service Form–verify Data Privacy section has the correct permission.

Hardware and Software Requirements

No additional hardware or software is required.

DATA RESTRICTION

Protects analog data calls from being disturbed by any of the system's overriding or alerting features. Data Restriction denies the system the ability to gain access to, or to superimpose tones onto, the protected call.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

Ž Station Form–complete "Data Restriction" section.

Ž Trunk Group Form—complete "Data Restriction" section

Hardware and Software Requirements

No additional hardware or software is required.

MODEM POOLING

Allows switched connections between digital data endpoints (data modules) and analog data endpoints, and acoustic coupled modems. The analog data endpoint can be either a trunk or line circuit.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

ŽPooled Modem Form-complete all sections.

Hardware and Software Requirements

A Pooled Modem Circuit Pack TN758 must be installed and connected before this feature can be implemented. Up to 16 TN728 pooled modem circuit packs can be used. one circuit pack supports two pooled modems.

UNIFORM CALL DISTRIBUTION (UCD)

Provides switched access to a group of data modules, data line circuit ports or modems by either lines or trunks. Access to a group of like resources, such as modems, is through a single group extension number, which minimizes the dialing of a busy resource.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Hunt Group Form–assign the following fields for UCD groups:

- Announcement Delay

- Announcement Number

- Group Extension, Number, and Name

- Class of Restriction

- Security Code

- Message Center

- Queue Length

- Queue Warning Threshold

- Queue Warning Port

- Group Member Assignments

Hardware and Software Requirements

Requires one port on an Analog Line Circuit Pack TN742 for each queue warning lamp provided. Hardware requirements for data modules, AT&T PTs, 515 BCTS, and Modems are given with the Data Call Setup feature.

AUTOMATIC ROUTE SELECTION

Routes calls over the public network based on the preferred (normally the least expensive) route available at the time the call is placed.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Automatic Route Selection Home Numbering Plan Area Form–complete sections as applicable.
- Automatic Route Selection Foreign Numbering Plan Area Form—complete sections as applicable.
- Automatic Route Selection Remote Home Numbering Plan Area Form–complete sections as necessary.
- Automatic Route Selection Toll Table Form–complete sections as applicable.
- Routing Patterns Form–complete patterns as applicable.
- Feature Access Code—assign "Automatic Route Selection."
- Trunk Group Form–complete fields on "Prefix Mark," "Terminating NPA," and "Toll Table Reference."

FACILITY RESTRICTION LEVELS AND TRAVELING CLASS MARKS

Provides up to eight levels of restriction for users of the Automatic Alternate Routing (AAR) and/or Automatic Route Selection (ARS) features.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- . Class of Restriction Form–assign originating FRLs.
- Routing Patterns Form–assign terminating FRLs.

Hardware and Software Requirements

No additional hardware is required. Optional Private Network Access or ARS software is required.

FACILITY TEST CALLS

Provides a voice terminal user with the capability of making test calls to access specific trunks, touch-tone receivers, time slots, and system tones. A local voice terminal user can make a test call by dialing an access code. An Initialization and Administration System (INADS) terminal user can make a test call over a trunk.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Feature Access Codes Form–assign the "Facility Test Calls" access code.

Hardware and Software Requirements

No additional hardware or software is required.

OFF-PREMISES STATION

Allows a remotely located FCC-registered analog voice terminal to be connected to the system.

Administration

Off-Premises Stations are administered the same as on-premises voice terminals.

Hardware and Software Requirements

Requires cross-connecting capabilities and one port on an Analog Line Circuit Pack TN742. No additional software is required.

NETWORK ACCESS—PRIVATE

Allows calls to be connected to the following types of networks:

- Common Control Switching Arrangement (CCSA)
- Electronic Tandem Network (ETN)
- Enhanced Private Switched Communications Service (EPSCS)
- Tandem Tie Trunk Network (TTTN)

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Tie Trunk Group Form–verify or complete all sections on the Tie Trunk Groups associated with a private network.
- Class of Restriction Form–complete the Advanced Private Line Termination (APLT) field.
- Voice Terminal Form—assign a COR.

Hardware and Software Requirements

Requires one port on a TN760B or DSI Tie Trunk circuit pack for each trunk assigned. No additional software is required.

NETWORK ACCESS—PUBLIC

Provides voice terminal users and attendants with access to and from the public network.

Outgoing access is provided to the following

- Local Central Offices (COs)
- Foreign Exchange (FX) Offices
- Wide Area Telecommunications Service (WATS) Offices

Incoming access is provided from the following

- Local COS
- FX Offices
- 800 Service Offices

Administration

Complete all Trunk Group Forms used for Public Network Access.

Hardware and Software Requirements

Requires one port on a CO Trunk Circuit Pack TN747B for each trunk assigned. No additional software is required.

SUBNET TRUNKING

Provides modification of the dialed number so an Automatic Alternate Routing (AAR) or Automatic Route Selection (ARS) call can route over trunk groups that terminate in switches with different dial plans.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

- Routing Pattern Form–specify the number of digits to delete. Special characters, if any, are included in the inserted string.

Hardware and Software Requirements

Additional TN748B circuit packs may be required. Private Network Access or ARS software is required.

REMOTE ADMINISTRATION

Allows System 75 to be administered from a remote terminal located on the client's premises. A local System Administration Terminal (SAT) is located on-premises within 50 feet of the system cabinet. The 513 BCT with a 12-foot cable is supplied for this application. A terminal located more than 50 feet from the system cabinet is considered remote. A remote administration terminal can be on the same premises as the local SAT, or can be off-premises. The remote terminal performs the same functions as the local SAT.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Netcon Data Module Form—complete all appropriate sections.

Ž Hunt Group Form—complete Group Extension and Group Members Assignment sections.

> ***Note:*** If the system will be remotely administered from an on-premises terminal, no additional translations are required. However, if the system will be remotely administered from an off-premises location via a dial-up facility, complete the next two forms.

. Pooled Modems Form–complete all appropriate sections.

Ž Trunk Group Form–complete Trunk Group forms as follows:

DID equipped systems	Using a DID trunk form, translate a new trunk group containing one DID trunk. The NAME (Tel. number) assigned in the GROUP MEMBER ASSIGNMENTS field *must* be the same DID number assigned to the UCD hunt group (see Hunt Group Form on preceding page).
DID equipped systems using a non-DID trunk	Using a CO trunk form, translate a new trunk group. In both the INCOMING DESTINATION and NIGHT SERVICE fields, enter the UCD hunt group extension number (see Hunt Group Form on preceding page).
Non-DID equipped systems—calls made from Remote (off-premises) terminal will be to the LDN	If not translated previously, translate a trunk group containing the LDN.
Non-DID equipped systems—calls made from Remote (off-premises) terminal will be to a trunk dedicated to Remote Administration	Using a CO trunk form, translate a new trunk group. In both the INCOMING DESTINATION and NIGHT SERVICE fields, enter the UCD group extension number (see Hunt Group Form on preceding page).

INITIALIZATION AND ADMINISTRATION SYSTEM (INADS)

This feature is implemented via a maintenance parameter during the installation and test phase.

FACILITY TEST CALLS

Provides a voice terminal user with the capability of making test calls to access specific trunks, touch-tone receivers, time slots, and system tones. A local voice terminal user can make a test call by dialing an access code. An Initialization and Administration System (INADS) terminal user can make a test call over a trunk.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed:

Ž Feature Access Codes Form–assign a Facility Test Calls Access Code.

STATION MESSAGE DETAIL RECORDING (SMDR)

Records detailed call information on all incoming and outgoing calls on specified trunk groups and sends this information to a Station Message Detail Recording (SMDR) output device. Internal calls are not recorded. The SMDR output device provides a detailed printout which can be used by the System Manager to compute costs, allocate charges, analyze calling patterns, and keep track of unnecessary calls.

Administration

This feature is optional. To implement this feature, the following form(s) or sections of a form(s) must be completed.

- Trunk Group Forms—complete "SMDR Reports" section,

Ž Personal Central Office Line Form–complete "SMDR Reports" section.

Ž Loudspeaker Paging and Code Calling Access Form—complete "SMDR" section.

Ž System Parameters Form –complete "SMDR Account Code Length," "Record Outgoing Calls Only," "Suppress SMDR For Ineffective Call Attempts," "Output Device," and "Output Device Ext and Printer Width" (if a printer is used) sections.

Ž Feature Access Codes Form—complete "SMDR Account Code Access Code" section.

- Data-Channel Form—complete Data Extension section for a "data-channel." All four data-channels should be assigned; however, SMDR only uses one of the assigned channels. This form is in the Module/Interface section. This form activates a data-channel on the Network Control Circuit Pack TN727. A data channel must be assigned if the SMDR output device is not connected to an Applications Processor (AP).

Ž Data Module Form–complete all sections for a 700A-type Processor Data Module (PDM). This is the PDM that connects the SMDR output device to the Digital Line Circuit Pack TX754.

Ž Interface Form–complete all sections for an interface form. This applies only if the AP is used. This is used with the Interface 3 Circuit Pack TN719. This form is found in the Nodule/Interface section.

Ž Data Module Form–complete all for a 700B Trunk Data .Module. This form must be filled out if the SMDR output device is connected to a Trunk Data Module.

Complete the next two forms if the SMDR output device is connected to a modem

. Pooled Modem Form–complete all sections. Do not fill out this form if the SMDR output device is connected to a PDM. This is used with the Pooled Modem Circuit Pack TN758.

. Station Form–complete the required sections for a 2500-type voice terminal. This is used with the Analog Line Circuit Pack TN742.

Hardware and Software Requirements

The type of module chosen depends on how the SMDR output device is connected.

A PDM must be connected and installed to a Digital Line Circuit Pack TN754 if the SMDR output device is a Printer, TELESEER™ SMDR Unit, or an AP.

A Trunk Data Module must be installed and connected to a Digital Line Circuit Pack TN754 if the SMDR output device is a Host Computer, 94A Local Storage Unit (LSU), or a **Comm - Stor*** II Unit.

If the SMDR output device is connected to a conventional modem, a Pooled Modem Circuit Pack TN758 and an Analog Line Circuit Pack TN742 must be installed.

If SMDR is used with the AP, a TN716 Interface 1, a TN720 Interface 2, and a TN719 Interface 3 circuit pack must be installed and connected.

SYSTEM MEASUREMENTS

Provides reports on trunk group usage, hunt group usage and efficiency, attendant group activity and efficiency, and security violations.

Administration

No administration is required.

Hardware and Software Requirements

No additional hardware or software is required.

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PART 4

SYSTEM FEATURES–FORMS

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INTRODUCTION

PART 4

OVERVIEW

Part 4 of this Manual provides the feature forms and instructions required to implement system and terminal features. Feature forms provided are accurate representations of the screens that will be displayed on the System Access Terminal. Blank forms are provided in the back of this Manual. Reproduce these forms as needed, then store them following system initialization.

HOW TO USE

Refer to the Table of Contents for a complete listing of features forms and their locations. Follow the instructions provided to complete the form.

ABBREVIATED DIALING LISTS

Group List

Purpose

This form is used to implement the group abbreviated dialing list. Up to 100 group lists can be implemented. Reproduce a blank form for each group to be implemented.

Instructions

Make assignments, as required, for the following fields:

- Ž Group List–enter a group number from 1 to 100.

- Ž Size (multiple of 5)—enter the number of abbreviated dialing codes you want to assign. The number must be entered in multiples of five, for example, 5, 10, 15. (Default value is 5.)

- Ž Privileged—enter "y" (yes) or "n" (no). If "y" is entered, the calling voice terminal's class of restriction is never checked and any number in the group list will be processed. If "n" is entered, the calling voice terminal's class of restriction is checked to determine if the number can be processed. (Default value is n.)

- Ž List Entries Dial Code 11: to 25:-enter the abbreviated dialing codes you want to assign to the group. Up to 24 characters can be used to assign numbers. Special characters (below) count as two characters.

  Allowable entries for abbreviated dialing codes:

    - — digits O to 9

    - – * (star) used for feature activation code

    - — # (pound) used for feature deactivation code

  Special characters:

    - — 'p (pause)

    - — 'w (wait)

    - — 'm (mark)

    - — 's (suppress)

See Abbreviated Dialing in the *AT&T System 75 Reference Manual—Feature Description, 555-200-201,* for a more detailed description of special characters.

ABBREVIATED   DIALING   LIST

Group   List

Size   (multiple   of   5)   **Privileged?   n**

LIST   ENTRIES

11: _____   21: _____

12: _____   22: _____

13: _____   23: _____

14: _____   24: _____

15: _____   25: _____

16: _____

17: _____

18: _____

19: _____

20: _____

Administration   Note:

. If Size equals 5, 0nly Dial Code Fields ll through 15 will represent.

. If Size equals 10, only Dial Code Fields ll through 20 will represent.

. If Size equals 15, Dial Code Fields ll through 25 will be present.

Personal List

Purpose

This form is used to establish a personal dialing list for voice terminal/data module users. The personal list must be assigned to the voice terminal first before the system will allow you to add a personal list. Up to 400 personal lists can be implemented. Reproduce a blank form for each personal list to be implemented.

Instructions

Make assignments as required for the following fields

Ž Personal List–enter the extension number of the voice terminal that will use this list.

Ž Size (multiple of 5)—enter the number of personal abbreviated dialing numbers you want to assign in multiples of five, for example, 5 or 10. (Default value is 5.)

Ž Dial Code—enter the abbreviated dialing code numbers. Up to 24 characters can be used for numbers. (Special characters count as two characters.) The voice terminal users can program their own list from their voice terminal once the blank personal list has been implemented in the system.

Allowable entries for abbreviated dialing codes:

- digits O to 9

– * (star) used for feature activation code

- # (pound) used for feature deactivation code

Special characters:

Ž ~p (pause)

Ž ~w (wait)

Ž ~m (mark)

Ž ~s (suppress)

See Abbreviated Dialing in the *AT&T System* 75 *Reference Manual—Feature Description, 555-200-201,* for a more detailed description of special characters.

ABBREVIATED DIALING LIST
Personal List:___

Size (multiple of 5): __   Privileged? <u>n</u>

DIAL CODE

1: _____   6 : _____

2: _____   7 : _____

3: _____   8 : _____

4: _____   9 : _____

5 : _____   0 : _____

Administration Note:

- If Size equals 5, 0nly Dial Code fields 1 through 5 will represent

System List

Purpose

This form is used to implement a system abbreviated dialing list. Only one system list can exist and it can be changed only by the System Manager.

Instructions

Make assignments as required for the following fields:

- Ž Size (multiple of 5)–enter the number of abbreviated dialing codes you are going to assign. This number should be entered in multiples of five, for example, 5, 10, 15. Up to 50 can be entered. (Default value is 5.)

- Ž Privileged—enter "y" (yes) or "n" (no). If "y" is entered, the originating party's class of restriction is never checked and any abbreviated calling number in the group list will be processed. If "n" is entered, the class of restriction is checked to determine if the number can be processed. (Default value is n.)

- Ž Dial Codes 11: to 40: and 41: to 60:–enter the abbreviated dialing telephone numbers you want to assign for company numbers. Up to 24 characters can be used for each code (this includes special characters which count as two characters). A maximum of 50 numbers can be assigned. (The default value is five list entries.)

    Allowable entries for abbreviated dialing codes

    – digits O to 9

    – * (star) used for feature activation code

    — # (pound) used for feature deactivation code

    Special characters:

    — ~p (pause)

    — ~w (wait)

    — ~m (mark)

    — ~s (suppress)

See the abbreviated dialing section in the *AT&T System* 75 *Reference Manual—Feature Description, 555-200-201,* for a more detailed description of special characters.

ABBREVIATED DIALING LIST

System List

Size (multiple Of 5): _   **Privileged?**   <u>n</u>

DIAL CODE

11: _____   **26:** _____

12: _____   **27:** _____

13: _____   **28:** _____

14: _____   **29:** _____

15: _____   **30:** _____

16: _____   **31:** _____

17: _____   **32:** _____

18: _____   **33:** _____

19: _____   **34:** _____

20: _____   **35:** _____

21: _____   **36:** _____

22: _____   **37:** _____

23' _____   **38:** _____

24 _____   **39:** _____

25 _____   **40:** _____

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ABBREVIATED DIALING LIST

System List

DIAL CODE

41: _____	**51:** _____
42: _____	**52:** _____
43: _____	**53:** _____
44: _____	**54:** _____
45: _____	**55:** _____
46: _____	**56:** _____
47: _____	**57:** _____
48: _____	**58:** _____
49: _____	**59:** _____
50: _____	**60:** _____

7103A Terminal

Purpose

This form is used to assign abbreviated calling codes and voice terminal features to the 7103A voice terminal buttons. This form applies only to 7103A fixed feature voice terminals. Only one 7103A list can be implemented per system.

Instructions

In the following step, the numbers (1 to 8) relate to the buttons on the 7103A voice terminal. This form applies to all 7103A fixed feature voice terminals in the system.

- 1 to 8—enter the desired special character used for abbreviated dialing or enter a digit from O to 9. Any additions or changes made to the 7103A voice terminal buttons shown apply to all 7103A fixed feature voice terminals.

    Allowable entries for abbreviated dialing codes;

    – digits O to 9

    – * (star) used for feature activation code

    – # (pound) used for feature deactivation code

    Special characters:

    – ~p (pause)

    — ~w (wait)

    — ~m (mark)

    — ~s (suppress)

See Abbreviated Dialing in the *AT&T System 75 Reference Manual—Feature Description,* 555-200-201, for a more detailed description of special characters.

ABBREVIATED DIALING LIST

7103A Button Assignment

DIAL CODE (FOR THE 7103A STATION BUTTONS)

1: _____	5: _____
2: _____	6: _____
3: _____	7: _____
4: _____	8: _____

ANNOUNCEMENTS

Purpose

This form is used to implement up to ten recorded announcements.

Hardware   Requirements

An Analog Line Circuit Pack TN742 must be installed and connected before announcements can be implemented. Each announcement requires a port on the Analog Line Circuit Pack TN742.

Instructions

Make assignments as required for the following fields:

. Port–enter a valid port number for each of the Recorded Announcements (1 to 10) you choose for your system. Enter one letter and a 4-digit number. (Refer to Port Assignment Record.)

Any port field left blank indicates a recorded message will not be assigned to that announcement number.

. Name—enter up to 15 characters which describe the contents of the Announcement. For example, you may enter "UCD group busy" or "Intercept." A typical intercept announcement is "Sorry, your call cannot be completed as dialed, please try again."

ANNOUNCEMENTS

PORT ASSIGNMENTS

Port	**Name**		**Port**	**Name**
1:	_____		**6:**	_____
2:	_____		**7:**	_____
3:	_____		**8:**	_____
4:	_____		**9:**	_____
5:	_____		**10:**	_____

ATTENDANT CONSOLE

Purpose

This form is used to assign the following items on the Attendant Console:

- Console Number
- Port Assignment
- Console Type
- Features to administrable buttons

Hardware Requirements

A Digital Line Circuit Pack TN754 must be installed and connected before the attendant console can be implemented. Up to seven consoles can be implemented.

Instructions

Make assignments as required for the following fields:

- Console Number—enter a console number from 1 to 7. Up to seven consoles can be installed.

- Port–enter one letter and a 4-digit number. Each attendant console requires a port on the Digital Line Circuit Pack TN754. (Refer to Port Assignment Record.) For reliability, the attendant consoles should not be assigned to the same TN754 Circuit Pack. For example, if three attendant consoles are implemented, you should assign each console to a port on three separate Digital Line Circuit Pack TN754s. However, all attendant consoles can be connected to one Digital Line Circuit Pack TN754.

- Console Type–enter the intended use for this console; the choices are "principal," "day-only," "night-only," or "day/night." (Default value is day-only.)

- DIRECT TRUNK GROUP BUTTON ASSIGNMENTS (Access Code)–enter the TACS for local and remote PBXS. (There are fields for one local TAC and one remote TAC per button labeled **Local and Remote.) Remote TACS are only useful in a DCS network. If a remote TAC is given, then the local TAC must refer to a trunk group that connects directly to the remote PBX.**

- HUNDREDS SELECT BUTTON ASSIGNMENTS–**enter the hundreds group to be associated with each of the buttons. These buttons** are used with the selector console (if provided). See Figure 4-1 for button location and assignment. The hundreds group represents all but the last two digits of an extension number (for example, the Hundreds Select Button for extension 3822 would be "38"; the Hundreds Select Button for extension 27105 would be "271"),

- FEATURE BUTTON ASSIGNMENTS—(Page two of this form), enter the desired features or functions from Table 4-A you want to assign to the attendant console. The fixed buttons which cannot be changed are show-n on the form. See Figure 4-2 for button assignment and location.

- Display Module Button Assignments–(Page three of this form), enter the desired feature or functions from Table 4-B. See Figure 4-3 for button assignment and location.

ATTENDANT CONSOLE

Console Number : __   **Port :** _____   **Console Type:** day-only

DIRECT TRUNK GROUP BUTTON ASSIGNMENTS (Access Code):

1: 9   7 ; __

2: 8   8 : __

3: 7   9 : __

4 : __   10 : __

5 : __   11 : __

6 : __   12 : __

HUNDREDS SELECT BUTTON ASSIGNMENTS:

1: __   5 : __

2 : __   6 : __

3 : __   7 : __

4 : __   8 : __

ATTENDANT   CONSOLE

FEATURE   BUTTON   ASSIGNMENTS:

  1:   **split**_____   13:   _____

  2:   _____   14:   _____

  3:   _____   15:   _____

  4:   _____   16:   _____

  5:   _____   17:   _____

  6:   **hold**_____   18:   _____

  7:   _____   19:   **forced-rel**___

  8:   _____   20:   _____

  9:   _____   21:   _____

 10:   _____   22:   _____

 11:   _____   23:   **night-serv**___

 12:   _____   24:   **pos-busy**____

ATTENDANT   CONSOLE

DISPLAY   MODULE   BUTTON   ASSIGNMENTS

1:   __normal__   5:   __delete-msg__

2:   __inspect__   6:   __call-disp__

3:   __cov-msg-rt__   7:   __date-time__

1:   __next__   8:   __timer__
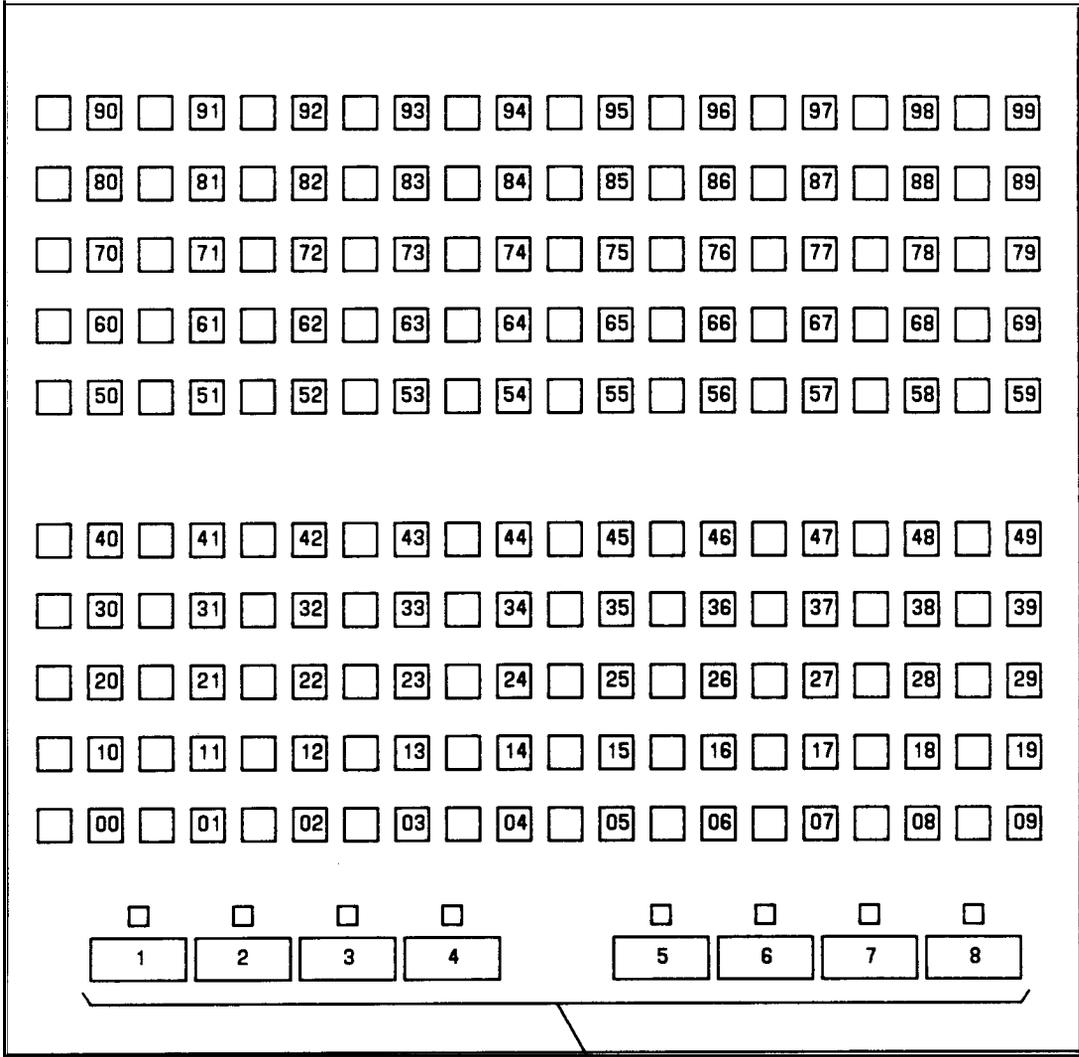
EIGHT ADMINISTRABLE
HUNDREDS GROUP
SELECT BUTTONS
(NUMBERS ARE **FOR**
IDENTIFICATION
ONLY)

Figure 4-1. Optional Selector Console Administrable Hundreds Group Select Buttons—Attendant Console Form
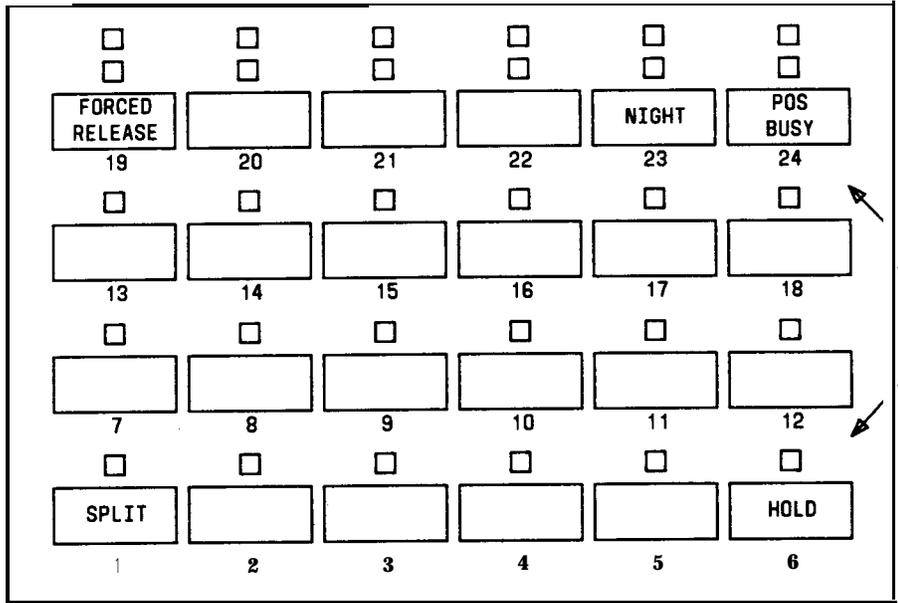
Figure 4-2. Attendant Console 24 Administrable Feature Button Number
Assignments—Attendant Console Form

ALPHANUMERIC
DISPLAY AREA

8 ADMINISTRABLE
DISPLAY MODULE
BUTTONS

12 ADMINISTRABLE OIRECT
TRUNK GROUP BUTTONS
SELECT AREA
(NUMBERS ARE **FOR
IDENTIFICATION** ONLY)

24 ADMINISTRABLE
FEATURE BUTTONS
FOR FEATURES AREA

LOOP AREA
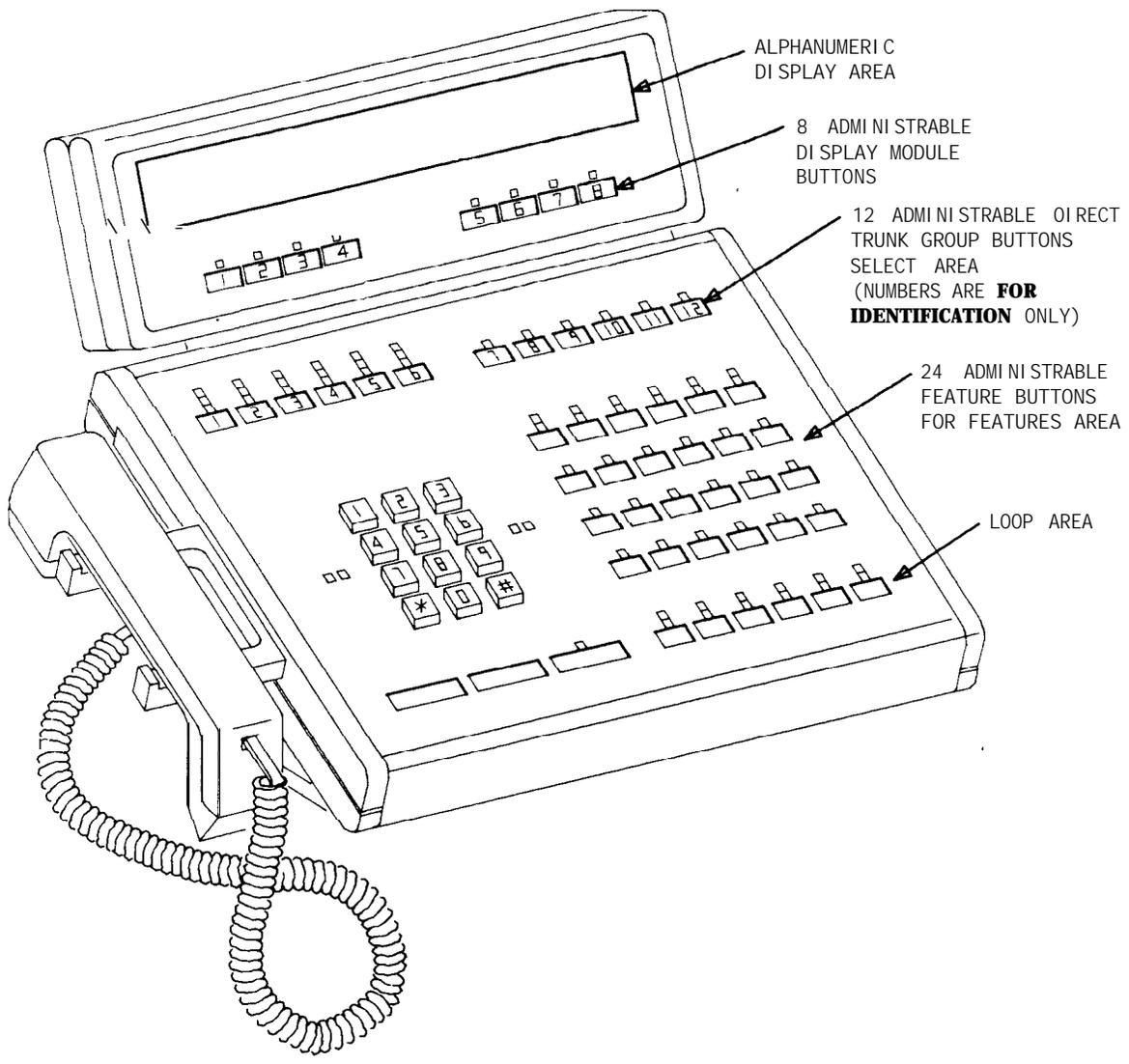
Figure 4-3. Attendant Console Button Assignments-Attendant Console Form

TABLE 4-A. Attendant Console 24-Button Assignment

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*
AP Demand Print	Print Msgs	print-msgs	1
Attendant Display	Stored Number	stored-num	1
Alerting	In Aud Off	in-ringoff	1
Attendant Console Calls Waiting)	CW Aud Off	cw-ringoff	1
Attendant Control of Trunk Group Access (Activate)	Cent Act	act-tr-grp	1
Attendant Control of Trunk Group Access Deactivate)	Cent Deact	deact-tr-g	1
Attendant Display	Inspect Mode	inspect	1
Attendant Display	Normal Mode	normal	1
Attendant Display Elasped Time)	Timer	timer	1
Call Coverage	Cover Cback	cov-cbac	1

*N = any number of buttons on the attendant console can be assigned
to this feature or function.

TABLE 4-A. Attendant Console 24-Button Assignment (Contd)

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED
Call Coverage Attendant Display	Cover Msg Rt	cov-msg-rt	1
Call Coverage	Consult	consult	1
Date and Time Attendant Display	Date/Time	date-time	1
Facility Busy Indication	Busy (trunk or extension)	busy-ind (TAC/Ext: _)	
Integrated Directory	Integrtd Directory	directory	
Leave Word Calling	LWC	lwc-store	
Leave Word Calling	LWC Cancel	lwc-cancel	1
Leave Word Calling Attendant Display	Delete Msg	delete-msg	1
Leave Word Calling Attendant Display	Next Msg	next	1
Leave Word Calling Attendant Display	Return Call	call-disp	1
Leave Word Calling (Remote Message Waiting)	Msg (name or extension #)	aut-msg-wt (Ext:_)	N
Timed Reminder	RC Aud Off	re-ringoff	1

*N = any number of buttons on the attendant console can be assigned
    to this feature or function.

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TABLE 4-B. Button or Feature Selection for Attendant Display Module Buttons 1-8

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*
Abbreviated Dialing	Stored Number	stored-num	1
Call Coverage/Digital Display	Cover Msg Rt	cov-msg-rt	1
Date and Time Automatic	Date Time	date-time	1
Elapsed Time	Timer	timer	1
Inspect/Digital Display	Inspect Mode	inspect	1
Integrated Directory	Integrtd Directry	directory	1
Leave Word Calling/Digital Display	Next	next	1
Leave Word Calling/Digital Display	Delete Msg	delete-msg	1
Normal Mode/Digital Display	Normal Mode	normal	1

CALL COVERAGE ANSWER GROUP

Purpose

This form is used to establish Call Coverage Answer Groups. Reproduce a blank form for each group to be implemented.

An answer group is a group of up to eight users who act as a coverage point for another user. For example, if three secretaries are responsible for answering a manager's redirected call, all three secretaries could be assigned to an answer group. The answer group is assigned a group number, and that group number appears in the manager's coverage path. All terminals in an answer group alert (ring) simultaneously. Any member of the group can answer the call.

Each coverage answer group is identified by a number between 1 and 100. The members of the group are identified by their extension number. Any installed voice terminal can be assigned to a coverage answer group.

Instructions   .

Make assignments as required for the following fields:

- . Group Number–enter a number between 1 and 100 to identify the group.

- Group Name–enter the group name you want to use to identify this group. Up to 15 characters can be used, for example, typing pool, room 12, secy, etc.

- Ext–enter the extension number for each member of this coverage answer group.

- Name–make no entry in this field. The name is automatically assigned when the system is administered.

COVERAGE ANSWER GROUP

Group Number: _____

Group Name: _____

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext
1:	_____		5:	_____
2:	_____		6:	_____
3:	_____		7:	_____
4:	_____		8:	_____

CALL COVERAGE PATHS

Purpose

This form is used to implement Call Coverage paths. The form includes the don't ansu-er time interval (number of rings), the call coverage criteria, and the points in the coverage path used to redirect calls.

Call coverage provides internal System 75 users with automatic redirection of call to answering positions. Both internal and outside calls may be redirected to coverage. Up to 200 coverage paths can be implemented.

Reproduce a blank form for each coverage path to be implemented.

Instructions

Make assignments as required for the following fields:

- Coverage Path Number–enter a number between 1 and 200 to identify the coverage path. (Default value is n.)

  COVERAGE CRITERIA are the conditions that, when met, cause the call to redirect to coverage.

  Inside Call or **Outside Call** allows you to treat inside callers different from outside callers. For example, there may be a situation in which inside callers may be routed to coverage only when the user doesn't answer. Conversely, outside calls may go to coverage when the user is either busy and/or doesn't answer.

    - Active–means that at least one call appearance is busy.

    - Busy–means that all call appearances are busy.

    - Don't Answer—means that the ringing has exceeded the set number.

    - All—means the users with this path assigned will never answer their own calls; instead, all calls go immediately to coverage.

  Point1:, Point2:, and **Point3:** allow you to define the call coverage paths. Each coverage path can have up to three alternate answering points, any of which can be:

    - A Voice Terminal or Individual Attendant (an extension number of a user who will be responsible for answering another user's redirected calls)

    - A Hunt Group Number (1 through 32)

    - A Coverage Answer Group Number (1 through 100)

    - The Attendant Group (0) .

  When entering data for the three **Coverage Points,** use the following notations:

    - Use the letter "h" to indicate hunt followed by a hunt group number (1 through 32). For example, you would enter "h32" if you want a coverage point to be routed to hunt group number 32.

    - Use the letter "c" to indicate coverage answer group followed by the coverage group number (1 through 100). For example, YOU would enter "c1OO" if you wanted a coverage point to be routed to call coverage answer group 100.

    - Use a zero if you want a coverage point to be an attendant.

- Active, Busy, Don't Answer, and All—enter a "y" (yes) to activate that function; otherwise, enter "n" (no). (Default values are "n" for Active, "y" for Busy, "y" for Don't Answer, and "n" for All.)

- Point l: Point 2: Point 3:–enter one of the following: (1) an extension number, (2) hl-h32 (hunt), (3) c1-c1OO (coverage), or (4) zero (0) for attendant.

- Number of Rings—enter the number of rings from 1 to 6. Two rings is the recommended timing. This is the number of rings a user's voice terminal will ring before the switch sees a "no answer" condition and sends the call to the first coverage point. (Default value is 2.)

  If calls redirect to Message Center (a special Uniform Call Distribution hunt group) or to the attendant, do not list any additional coverage points. These calls will normally queue and never redirect to another coverage point.

  Calls to any Hunt Group will queue if possible. Calls redirect from a Hunt Group only if all Hunt Group members are busy and either the queue is full or there is no queue.

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COVERAGE PATH

Coverage Path Number : __

COVERAGE CRITERIA

Station/Group Status	Inside Call	Outside Call	
Active?	n	n	
Busy?	y	y	
Don't Answer?	y	y	**Number of Rings: 2**
All?	n	n	

COVERAGE POINTS

Point I: _____   Point 3: _____

Point 2: _____

CLASS OF RESTRICTION

Purpose

This form is used to implement the 64 Classes of Restriction. Up to 64 Classes of Restriction can be established.

Instructions

Make assignments as required for the following fields:

- COR Number–enter a COR number from O to 63.

- FRL–enter a Facility Restriction Level (FRL) number between O and 7. This is the originating FRL used by Automatic Alternate Routing (AAR) and/or Automatic Route Selection (ARS) to determine access to an outgoing trunk group. (The FRL associated with the outgoing trunk group used for a call is contained in the ARS pattern.) (Default value is 7.)

- APLT—enter "n" to allow access to Enhanced Private Switch Communication Service (EPSCS) or Common Control Switching Arrangement (CCSA) off-net facilities. (Default value is "y," which denies access.)

- Calling Party Restriction–enter one of the following (1) "origination," (2) "outward," (3) "toll," (4) "code," or (5) "none." (Default value is none.)

- Called Party Restriction—enter one of the following (1) "termination," (2) "inward," (3) "manual," or (4) "none." (Default value is none.)

- 0?_ to 63_? —enter "n" for each COR number (O? to 63?) that cannot be called by the COR being implemented. (Default value is y.) A yes means that an originating party assigned this COR can call the specified COR.

CLASS OF RESTRICTION

COR Number: _   FRL: 7

APLT? y   Calling Party Restriction: none

                                 Called Party Restriction: none

CALLING PERMISSION (Enter "y" to grant permission to call specified COR)

o? y	8? y	16? y	24? y	32? y	40? y	48? y	56? y
1? y	9? y	17? y	25? y	33? y	41? y	49? y	57? y
2? y	10? y	18? y	26? y	34? y	42? y	50? y	58? y
3? y	11? y	19? y	27? y	35? y	43? y	51? y	59? y
4? y	12? y	20? y	28? y	36? y	44? y	52? y	60? y
5? y	13? y	21? y	29? y	37? y	45? y	53? y	61? y
6? y	14? y	22? y	30? y	38? y	46? y	54? y	62? y
7? y	15? y	23? y	31? y	39? y	47? y	55? y	63? y

CLASS OF SERVICE

Purpose

This form is used to provide the System 75 Classes of Service.

Instructions

The following form lists the default values for each Class of Service (('0 S). A "y" allow-s feature access. An "n" denies access. Any changes to this form create redundant entries and are therefore not recommended. Simply choose the desired COS from the list provided.

.

CLASS OF SERVICE

COS No.	Automatic Callback	Call Forwarding All Calls	Data Privacy	Priority Calling
0?	n	n	n	n
1?	y	y	y	y
2?	y	n	n	n
3?	n	y	n	n
4?	y	y	n	n
5?	n	n	v	n
6?	y	n	y	n
7?	n	y	y	n
8?	y	y	y	n
9?	n	n	n	y
10?	y	n	n	y
11?	n	y	n	y
12?	y	y	n	y
13?	n	n	y	y
14?	y	n	y	y
15?	n	y	y	y

CONSOLE PARAMETERS

This form is used to administer attendant console group parameters.

Hardware Requirements

A Digital Line Circuit Pack TN754 must be installed and connected before the attendant console can be implemented.

Instructions

Make assignments as required for the following fields:

- COS–enter a number from O to 15 to reflect the desired attendant group COS. (Default value is 1.)

- COR–enter a number from O to 63 to reflect the desired attendant group COR. (Default value is 1.)

- Time Reminder On Hold (sec)–enter the time in seconds (10 to 1020 seconds) a call remains on hold before the attendant is alerted. (Default value is 30 seconds.) This information must be given to the attendant.

- Queue Warning Threshold–enter a number from 1 to 30 to indicate the number of incoming calls that can be in the attendant queue before the Call Waiting lamp lights. The first (leftmost) Call Waiting lamp lights when one or more incoming calls are waiting to be answered. The second lamp lights when the preset number you entered is reached. (Default value is 5.) This information must be given to the attendant.

- Return Call Timeout (see)—enter the time in seconds (from 10 to 1020 seconds) a split call remains unanswered before it is returned to the attendant. (Default value is 30 seconds.) This information must be given to the attendant.

- Ext Alert Port (TAAS)–enter a port number for the external alerting device. When the attendant is not on duty, a voice terminal user can answer calls made to the attendant. The incoming call activates a gong, bell, or chime. The voice terminal user dials an access code and answers the call from any unrestricted voice terminal. (This is the Night Service—Trunk Answer From Any Station feature.) Mark the appropriate port number on the Port Assignment Worksheet.

- Attendant Lockout—enter a "y" (yes) or "n" (no) if this feature is active. If "y" is entered, the attendant is prohibited from reentering a call that has been successfully split unless recalled by a voice terminal user on the call. (Default value is y.) This information must be given to the attendant.

- Starting Extension—enter an unassigned extension number (Start) that conforms to the Dial Plan Record.

- Count—enter a number (Count) from 1 to 10 to indicate how many common shared extension numbers you want. These extension numbers (with no physical voice terminal assigned) are used by the attendant to park calls. For example, you may enter 4300/3 which instructs the System 75 to store three consecutive extension numbers 4300, 4301, and 4302 for call park. These numbers must be given to the attendant so he/she knows where to park a call and how many calls can be parked. (Default value is "blank.")

  These extensions should be assigned to the optional Attendant Selector Console in the 00 through 09 block (bottom row) in any hundreds group for easy identification by the attendant. The lamp associated with the number will identify "call parked" or "no call parked" (instead of busy or idle status).

● ASSIGNED MEMBERS (Installed attendant console types)—is display only. The list
of administered console is automatically assigned by the system. The types are taken
from the Attendant Console Form.

```
                                                            Page  1  of  1

                          CONSOLE  PARAMETERS

                       COS : 1                          COR : 1

Time  Reminder  on  Hold  (see): 3 0        Queue  Warning  Threshold: 5

  Return  Call  Timeout  (sec): 3 0         Ext  Alert  Port  (TAAS):

         Attendant  Lockout? y
COMMON  SHARED  EXTENSIONS

               Starting  Extension:              Count: O

     ASSIGNED  MEMBERS  ( Installed  attendant  console  types )

        1: _____           5: _____

        2: _____           6: _____

        3: _____           7, _____

        4: _____
```

DIAL PLAN

Purpose

This form is used to create a System 75 dial plan that is a system guide to digit translation.

Recommended entries have been preprinted for you. If these values do not meet your needs, strike out the entries and enter the values for your system.

Instructions

Make assignments as required for the following fields:

- Area Code–enter the 3-digit area code number where the System 75 is located.

Ž ARS Prefix 1 Required—enter "y" if dialing a "l" is required to indicate an area code. This field applies to ARS only. (Default value is n.)

- Identification–enter one of the following for each digit 1 to 9:
    - leave blank (no feature or extension numbering range is assigned)
    - "fat" (feature access code and feature deactivation code)
    - "extension" (primary voice terminal extension number)
    - "tac" (trunk access code)

The "*" and "#" symbols, if used, are always assigned to dial access features, and "O" is reserved for the attendant. The "*" and "#" symbols are considered a digit and should be considered when assigning the number of digits that must be dialed to access a feature.

- Number of Digits–enter one of the following for:
    - attendant—enter one digit. The attendant group is always assigned one digit and cannot be changed.
    - blank–enter O. This is used for all first digits which are not assigned.
    - fat–enter a minimum of one digit and a maximum of three digits. The * and the # symbols count as a digit. For example, "*2" may be a 2-digit access code used to activate the Call Forwarding feature, and "#2" may be a 2-digit code used to cancel or deactivate Call Forwarding. See the Feature 'Access Codes Form for assignments.
    - extension—enter a minimum of one digit and a maximum of five digits to reflect the number of digits that must be dialed for internal calls. If a Uniform Dialing Plan is provided, this entry must conform to the Plan Length field.
    - tac—enter a minimum of one digit and a maximum of five digits to reflect the number of digits that must be dialed to access a trunk group. Each trunk group requires a different trunk access code.

DIAL PLAN RECORD

Area Code: 000
ARS Prefix 1 Required? <u>n</u>

FIRST DIGIT TABLE

Digit	Identification	Number of Digits	Digit	Identification	Number of Digits
1:	<u>fac</u>	<u>3</u>	7:	_____	—
2:	<u>extension</u>	<u>4</u>	8:	_____	—
3:	<u>extension</u>	<u>4</u>	9:	<u>tac</u>	<u>1</u>
4:	<u>extension</u>	<u>4</u>	0:	<u>attendant</u>	<u>1</u>
5:	<u>extension</u>	<u>4</u>	*	fac	<u>2</u>
6:	_____	_	#:	fac	<u>2</u>

FEATURE ACCESS CODES

Purpose

This form is used to implement System 75 feature access codes that are predefine numbers and characters which, when dialed, will activate or cancel certain System 75 features.

The recommended values have been preprinted for you. If these values do not meet business requirements, strike through the values and enter the desired codes in the blank space provided beside the default values. All entries must agree with the Dial Plan Record..

Instructions

Make assignments as required for the following fields:

- . In each field that ends with **Access Code—enter** the digits that must be pressed to access that feature.

- . In each field that ends with **Activation–enter** the digits required to activate the feature.

- . In each field that ends with **Deactivation-enter** the digits required to cancel or deactivate a feature.

- • Leave Word Calling Message Retrieval Lock–enter the digits that must be pressed to lock the display module on the voice terminal. (Users cannot retrieve Leave Word Calling Messages on a "locked" module.)

- . Leave Word Calling Message Retrieval Unlock–enter the digits that must be pressed to unlock the display module.

- . Leave Word Calling Send A Message–enter the digits that must be pressed to send a message.

- . Leave Word Calling Cancel A Message–enter the digits that must be pressed to cancel a message. (An access code may be used to cancel a previously left Leave Word Calling message.)

FEATURE ACCESS CODE (FAC)

Abbreviated Dialing List l Access Code: <u>1 0 1</u>

Abbreviated Dialing List 2 Access Code: <u>1 0 2</u>

Abbreviated Dialing   List 3 Access Code: <u>1 0 3</u>

Answer Back Access Code: <u>1 2 0</u>

Auto Route Selection   ARS) Access Code: <u>_</u>

Automatic Callback Activation: <u>* 5</u>   Deactivation: <u># 5</u>

Call Forwarding Activation: <u>* 2</u>   Deactivation: <u># 2</u>

Call Park Access Code: <u>1 1 5</u>

Call Pickup Access Code: <u>1 1 7</u>

Data Origination Access Code: <u>1 3 4</u>

Data Privacy Access Code: <u>1 3 5</u>

Facility Test Calls Access Code: <u>1 9 7</u>

Group Control Restrict Activation: <u>1 2 5</u>   Deactivation: <u>1 2 6</u>

Hunt Group Busy Activation: <u>* 8</u>   Deactivation: <u># 8</u>

FEATURE ACCESS CODE (FAC)

Last Number Dialed Access Code: <u>*9</u>

Leave Word Calling Message Retrieval Lock: <u>*1</u>

Leave Word Calling Message Retrieval Unlock: <u>#1</u>

Leave Word Calling Send A Message: <u>*4</u>

Leave Word Calling Cancel A Message: <u>#4</u>

Print Messages Access Code:

Priority Calling Access Code: <u>*7</u>

Program Access Code: <u>*0</u>

Send All Calls Activation: <u>*3</u>   Deactivation: <u>#3</u>

SMDR Account Code Access Code: <u>*6</u>

Trunk Answer Any Station Access Code: <u>112</u>

User Control Restrict Activation: <u>105</u>   Deactivation: <u>106</u>

HUNT GROUPS

Purpose

Hunting checks for the busy or idle status of extension' numbers in the hunt group. Uniform Call Distribution (UCD) selects the "most" idle extension. Direct Department Calling (DDC) selects the next idle extension (in sequential order).

This form is used to create Hunt Groups which are identified by a Hunt Group number from 1 to 32. Users assigned to a Hunt Group are identified by their extension number. Up to 32 users can be assigned to a Hunt Group; however, only 448 members can be assigned to the system.

Reproduce a blank form for each Hunt Group to be implemented.

Hardware   Requirements

An Analog Line Circuit Pack TN742 must be installed and connected in order to implement the "Queue Warning Port" and recorded announcement features. Each "Queue Warning Port" assigned to a hunt group must be connected to a port on the circuit pack.

Instructions

Make assignments as required for the following fields:

- Group Number–enter a number between 1 and 32 to identify the Group.

- Group Extension–enter an unused extension number. This field must not be left blank.

- Group Type–enter the group type ucd or ddc. (Default value is ucd.)

- Group Name–enter any 15-character string that uniquely identifies the group; for example, "parts dept.," "purchasing," or "sales dept."

- Coverage Path–enter a coverage path number between 1 and 200. This assigns a coverage path for the Hunt Group.

- COR–enter Class of Restriction O to 63 that reflects the desired extension. This field must not be left blank. (Default value is 1.)

- Security Code–enter a 4-digit security code. This is the password for the Applications Processor Demand Print feature. This field may be left blank.

Ž Message Center—enter a "y" (yes) to indicate the UCD Hunt Group is covered by the Message Center or an "n" (no) if it is not covered. This field applies only to Uniform Call Distribution Groups. (Default value is n.)

ŽQueue–enter "y" (yes) if you want the Hunt Group to be served by a queue; otherwise, enter "n" (no). (Default value is n.)

The following fields will only appear if Queue equals "y:"

- – Queue Length–enter the maximum number of calls (1 to 35) that you want to assign to the queue. A zero (0) indicates no calls will be allowed to wait for an available extension within the group. (Default value is 1.)

- – Queue Warning Threshold–enter the number of calls (1 to 3.5) that can queue before the system lights the optional queue warning level lamp. This number must be less than or equal to the queue length. This field must not be left blank if the Queue Warning Port is assigned.

- – Queue Warning Port–enter the port number assigned to the optional queue warning level lamp which lights when the number has exceeded the queue warning threshold assigned in the previous step. This port is assigned to an Analog Line Circuit Pack TN742. (Refer to Port Assignment Record.)

- ─ Announcement Number—enter a recorded announcement number from 1 to 10. This is the announcement the caller will receive after being in the queue for the time interval you will enter in the "Announcement Delay" field.

- - Announcement Delay (see)–enter a number in seconds from 1 to 999 to indicate how long a call can remain in queue before an announcement is given. After a call has been in queue for the set time, it will be connected to a recorded announcement. The call retains its place in the queue while listening to the recorded announcement. If the call hasn't been answered after the announcement, the caller will hear music if Music-on-Hold is provided or silence for as long as it remains in the queue.

ŽExt—enter the extension number for each member in the Hunt Group.

ŽName—make no entry. The name is automatically assigned when the system is administered.

HLINT GROUP

Group Number: _.   Group Extension:

Group Name: _____   Coverage Path: _   COR: 1

Security Code: _____   Message Center? n   Queue? y

Queue Length: 1   Queue Warning Threshold: _   Queue Warning Port:

Announcement Number. _   Announcement Delay (sec).

GROUiP MEMBER ASSIGNMENTS
            Ext   Name   Ext   Name

    1: ____   9:

    2:                            10:

    3:                            11:

    4: ____   12:

    5:                            13:

    6: ____   14:

    7: ____   15:

    8:                            16:

Note: The default value for Queue is "n," however, QUEUE PARAMETERS (Queue Length, Queue Warning Threshold, Queue Warning Port, Announcement Number, and Announcement Delay) only appear if Queue equals "y."

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HUNT GROUP

Group Number   **Group Extension:**   **Group Type:**

GROUP MEMBER ASSIGNMENTS

Ext		Ext	Name
17: _____		25: _____	
18: _____		26: _____	
19: _____		27: _____	
20: _____		28: _____	
21: _____		29: _____	
22: _____		30: _____	
23: _____		31: _____	
24: _____		32: _____	

INTERCOM GROUPS

Purpose

This form is used to implement Dial Intercom groups. Automatic Intercom is also implemented using this form. The Automatic Intercom members must be on this form. Automatic Intercom is provided via button assignment between two multi-appearance voice terminals within the Dial Intercom group. Automatic Intercom can be provided between a given voice terminal and any or all other members of the Dial Intercom Group; however, a button is required for each assignment.

Up to 32 Dial Intercom groups can be assigned. A group can have up to 32 members.

Reproduce one blank form for each intercom group to be implemented.

Instructions

Make assignments as required for the following fields:

ŽGroup Number–enter a number from 1 to 32 to identify the group. ,

ŽLength of Dial Code–enter 1 or 2. This is the number of digits that must be dialed to access someone in the group. Enter 1 if group members are less than ten or 2 if group members are ten or more. (Default value is 1.)

ŽExt–enter the extension number of each member of the group,

ŽDC–enter a 1- or 2-digit code. The number of digits entered depends on the number assigned in the "Length of Dial Code" field. The digit O (zero) may **not** be used and this field cannot be left blank. This is the code that must be dialed to access that group member.

ŽName—make no entry. The name is automatically assigned when the system is administered.

INTERCOM GROUP

Group Number: _

Length of Dial Code: 1

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
1:	____	_		9:		—	
2:	____	_		10:		—	
3:	____	_		11:		—	
4:	____	__		12:		—	
5:	____	__		13:		—	
6:	____	__		14:		—	
7:	____	__		15:		—	
8:	____	__		16:		—	

INTERCOM GROUP

Group Number: _

Length of Dial Code: <u>1</u>

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	DC	Name
17:	——	_		**25:**	——		
18:	——	_		**26:**	——		
19:	——	_		**27:**	——		
20:	——	_		**28:**	——		
21:	——	_		**29:**	——		
22:	——	_		**30:**	——		
23:	——	_		**31:**	——		
24:	——	_		**32:**	——		

LISTED DIRECTORY NUMBERS

Purpose

This form is used to assign up to eight publically listed directory numbers. When one of these numbers is a Direct Inward Dialing number, the calling party is routed to the attendant. The attendant display indicates a Listed Directory Number call and the name associated with the dialed extension.

Instructions

Make assignments as required for the following fields:

. Ext—enter a valid system extension number,

. Name–enter a name used to identify the Listed Directory Number. Up to 15 characters may be used.

. Night Destination–enter the extension number that will receive calls to these listed numbers when the system is in the Night Service mode.

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LISTED DIRECTORY NUMBERS

Ext	Name		Ext	Name
1: ____	_____		5: ____	_____
2: ____	_____		6: ____	_____
3: ____	_____		7: ____	_____
4: ____	_____		8: ____	_____

Night Destination: _____

LOUDSPEAKER PAGING AND CODE CALLING ACCESS

Purpose

This form is used to implement Loudspeaker Paging and Code Calling Access. The form contains the fields required to assign zone information, such as trunk access codes, for both Loudspeaker Paging and Code Calling Access.

The Code Calling Identification Form provided with this section is used to assign extension numbers to the code calling identification list. Up to 125 different Code Calling identifications (chime signals) can be assigned to assigned or unassigned extension numbers.

Hardware Requirements

An Auxiliary Trunk Circuit Pack TN763 must be installed and connected before Loudspeaker Paging and Code Calling Access can be implemented. Each paging zone requires a port number on the TN763 circuit pack. The paging equipment must also be installed and connected.

Instructions

Make assignments as required for the following fields:

- SMDR–enter "y" (yes) to indicate if you want SMDR data collection on the paging ports and code calling access; otherwise, enter "n" (no). (Default value is y.)

- Voice Paging Timeout (see)–enter a value from 10 to 600 (seconds). This is the length of time the user is connected to the paging equipment. After the time has elapsed, the call is disconnected. Analyze the typical messages you expect to broadcast; time them; then add another 4 to 5 seconds.

- Code Calling Playing Cycles–enter a number from 1 to 3 to indicate the number of times the code calling identification will play. Analyze who your code calling users are and whether they are likely to hear the code chime the first time.

- Port–enter one letter and a 4-digit number. Each paging zone requires a port on the Auxiliary Line Circuit Pack TN763. (Refer to Port Assignment Record.)

The next two items refer to the field labeled **Voice Paging**.

Ž TAC–enter a 1-, 2-, or 3-digit Trunk Access Code that corresponds with the Dial Plan Record. One Trunk Access Code must be assigned for each zone. This is the code you would dial to access the zone (the physical location of the loudspeakers). Trunk Access Code for the field labeled ALL activates all speakers in the nine zones when that access code is dialed. These codes can be assigned to the attendant consoles. A different Trunk Access Code must be assigned for each paging zone.

Ž COR–enter the desired number from O to 63. Each Trunk Access Code must be assigned a Class of Restriction (COR).

The next three items refer to the field labeled **Code Calling.**

- TAC–enter a 1-, 2-, or 3-digit Trunk Access Code that corresponds with the Dial Plan Record. These codes can be assigned to the attendant consoles. A different trunk access code must be assigned for each code calling access.

- COR–enter a number from O to 63.

Ž Location—enter the location u-here the loudspeakers are installed, for example, conference room A, warehouse, storeroom. (Default value is paging.)

LOUDSPEAKER PAGING

SMDR ? y

Voice Paging Timeout (see):

Code Calling Playing Cycles: _

PAGING PORT ASSIGNMENTS

Zone	Port	Voice Paging TAC	COR	Code Calling TAC	COR	Location
1:	___	_	_	___	—	Paging
2:	___	_	_	___	—	Paging
3:	___	_	_	___	—	Paging
4:	___	_	_	___	—	Paging
5:	___	_	_	___	—	Paging
6:	___	_	_	___	—	Paging
7:	___	_	_	___	—	Paging
8:	___	_	_	___	—	Paging
9:	___	_	_	___	—	Paging
ALL :	___	_	_	___	—	Paging

Instructions

Make assignments as required for the following field:

- Ext—enter an assigned or unassigned extension number. The extension number assigned to a code will receive a chime signal associated with that code. Leave this field blank if you do not want to assign a code.

CODE CALLING IDs

ID ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
111:		141:		221:		251:		331:	
112:		142:		222:		252:		332:	
113:		143:		223:		253:		333:	
114:		144:		224:		254:		334:	
115:		145:		225:		255:		335:	
121:		151:		231:		311:		341:	
122:		152:		232:		312:		342:	
123:		153:		233:		313:		343:	
124:		154:		234:		314:		344:	
125:		155:		235:		315:		345:	
131:		211:		241:		321:		351:	
132:		212:		242:		322:		352:	
133:		213:		243:		323:		353:	
134:		214:		244:		324:		354:	
135:		215:		245:		325:		355:	

CODE   CALLING   IDs

ID   ASSIGNMENTS

Id Ext	Id Ext	Id Ext	Id Ext	Id Ext
411:	431:	451:	521:	541:
412:	432:	452:	522:	542:
413:	433:	453:	523:	543:
414:	434:	454:	524:	544:
415:	435:	455:	525:	545:
421:	441:	511:	531:	551:
422:	442:	512:	532:	552:
423:	443:	513:	533:	553:
424:	444:	514:	534:	554:
425:	445:	515:	535:	555:

MODULES/INTERFACES

Purpose

This section covers the modules associated with voice terminals and the system interfaces that must be assigned for the Applications Processor (AP), SMDR. off-premises administration/maintenance terminal, or an on-premises administration/maintenance terminal.

Modules

A blank form is provided for each type module. The modules covered are the following:

- Call Coverage Module
- Display Module
- Function Key (Feature) Module
- Processor Data Module (PDM)
- Trunk Data Module (TDM)
- Digital Terminal Data Module (DTDM)

In this section, the Function Key Module is referred to as a Feature Module.

Table 4-C can be used to assign features and/or functions to the Call Coverage, Feature, and Display module buttons. The table is divided by module types.

TABLE 4-C. Module Button Assignments

FEATURE OR FUNCTION	RECOMMENDED BUTTON NOMENCLATURE	ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM	MAXIMUM ALLOWED*	MODULE TYPE			NOTES
				FEATURE	DISPLAY	Coverage	
Abbreviated Dialing	AD	abrv-dial (List:_ DC:_)	N	x	-	x	1
	Abrv Dial Prom-am	abr-prog	1	x	-	x	
	Abrv Dial Suppress	abr-spchar (Char: -s)	N	x		x	
	Stored Number	stored-num	1	x	x	x	
Automatic Callback	Automatic Callback	auto-cback	N	x	-	x	
Bridged Call Appearance	(Ext. #)	brdg-appr	s	x	-	x	
Call Appearance	(Ext. #)	call-appr	10	x	-	x	
Call Coverage	Consult	consult	1	x	-	x	
	Coverage Callback	cov-cback	1	x	-	x	
	Send Trm (Grp:_)	send-term (Grp:_)	N	x	-	x	
	Go To Coverage	goto-cover	1	x	-	x	
	Send All Calls	send-calls (Type:_ Grp:_)	1	x	-	x	2

*N = any number of buttons on the module can be assigned to this feature or function. .

(See Notes at end of table.)

TABLE 4-C. Module Button Assignments (Contd)

| FEATURE OR FUNCTION | RECOMMENDED BUTTON NOMENCLATURE | ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM | MAXIMUM ALLOWED* | MODULE TYPE | | | NOTEs |
				FEATURE	DISPLAY	COVERAGE	
Call Coverage/ Digital Display	Covr Msg Retrieve	cov-msg-rt	1	x	**x**	-	
Call Park	Call Park	call-park	1	x	-	x	
Call Pickup	Call Pickup	call-pkup	1	x	-	x	
Date and Time	Date Time	date-time	1	x	x	-	
Data Call Setup	Data (Ext. # of Data Module)	data-ext (Ext:_)	N	x	-	x	
Elapsed Time	Timer	timer	1	x	x		
Inspect	Inspect Mode	inspect	1	x	x	-	
Integrated Directory	I Integrtd Directry	directory	1	x	x		
Inercom- Automatic	Auto Icom (Ext #)	auto-icom (Grp:_	N	x	-	x	3
Intercom-Dial	Dial Icom	dial-icom (Grp:___)	N	x		x _	4

*N = any number of buttons on the module can be assigned to this feature or function

(See Notes at end of table.)

TABLE 4-C. Module Button Assignments (Contd)

| FEATURE OR FUNCTION | RECOMMENDED BOTTON NOMENCLATURE | ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM | MAXIMUM ALLOWED* | MODULE TYPE | | | NoTEs |
				F E A T U R E	D I s P L A Y	C o v E R A G E	
Last Number Dialed	Last Numb Dialed	last-numb	1	x	-	x	
Leave Word Calling	Message (Ext # of Principal)	auto-msg-wt (Ext:_)	N	x	-	x	5
	Leave Word Calling	lwc-cstore	1	x	-	x	
Leave Word Calling/Digits Display	Cancel Leave Word	lwc-cancel	1	x	-	x	
	Delete Message	delete-msg	1	x	x	—	
	Leave Word Lock	lwc-lock	1	x	-	—	
	Message Retrieve	msg-retr	1	x	x	—	
	Next Message	next	1	x	x	—	
	Return	lwc-cback	1	x	x	—	
Manual Signaling	Signal	signal (Ext:_)	N	x	-	x	
Message Waiting-Manual	Msg Wait (Ext # of Matching Button)	man-msg-wt (Ext:_)	N	x	-	x —	6

*N = any number of buttons on the module can be assigned to this feature or function.

(See Notes at end of table.)

TABLE 4-C. Module Button Assignments (Contd)

| FEATURE OR FUNCTION | RECOMMENDED BUTTON NOMENCLATURE | ABBREVIATED NAME ENTERED ON BUTTON ASSIGNMENT SECTION ON FORM | MAXIMUM ALLOWED* | MODULE TYPE | | | NOTEs |
				FEATURE	DISPLAY	cOvERAGE	
Normal Mode/ Digital Display	Normal Mode	normal	1	x	x	-	
Personal Central Office Line Groups	**CO** Line	per-COlines (Grp:_)	N	x	-	x	7
Privacy- Manual Exclusion	Exclusion	exclusion	1	x	-	x	
Terminal Busy Indication/ Facility Busy Indication	Busy (TAC or Ext #)	busy-ind (Ext:_)	N	x	-	x	8
Terminating Extension Group	Term Grp	x-gr (Grp:_)	N	x	-	x	9
UCD/DDC	Make Busy	make-busy (Grp:_)	N	x	-	x	
UCD/DDC/Call Coverage (Answer Group)	(Group Type) (Group #)	in-call-id (Type:_ Grp:_)	N	x	-	x	10

*N = any number of buttons on the module can be assigned to this feature or function

(See Notes at end of table.)

TABLE 4-C. Module Button Assignments (Contd)

NOTES

1. List: List number 1 to 3 where the destination number is stored.

   DC: Dial codes of destination number.

2. Type: An "e" for an individual extension, "t" for a terminating terminal group.

   Grp: The terminating terminal group number (1 to 32).

3. Grp: Dial Icom group number (1 to 32). This extension and destination extension number must be in the same group.

   DC: Dial code within the group (1 to 32).

4. Grp: Dial Icom group number (1 to 32).

5. Ext: Extension number of principal.

6. Ext: The destination extension.

7. Grp: Central Office line group numbers (1 to 25).

8. TAC/
   Ext: Extension number voice terminal to be monitored.

9. Grp: Terminating extension group number (1 to 32).

10. Type: A "c" for coverage answer group, "h" for a uniform call distribution or direct department calling group.

   Grp: The number of the group (1 to 100 for "c" or 1 to 32 for "h").

Call Coverage Module

Purpose

The Call Coverage Module, when added to the voice terminal, provides additional buttons for bridged call appearances or features. This module cannot be used if a Display Module is being used on the same voice terminal.

This form must be filled out if "y" (yes) was entered on the "C401A Coverage Module" field for the 7405D voice terminal. When this form is completed, attach it to the Voice Terminal Form.

Hardware Requirements

If a call coverage module is added to a 7405D voice terminal, the voice terminal must be installed and connected to a Digital Line Circuit Pack TN754 before the call coverage module can be installed and implemented.

Instructions

- Ž Using the "Feature or Function" heading in Table 4-C, choose the features and/or functions you would like to" assign to the call coverage module.

- • In each button field labeled **1** through **20,** enter the abbreviated name for the feature and/or function chosen from step 1. See Figure 4-4 for the Call Coverage button locations.

    Up to ten call appearance buttons can be assigned to a coverage module

- Ž Make button label(s) for each button field on the call coverage module.

Page   x   of   y

STATION

COVERAGE MODULE BUTTON ASSIGNMENTS

1: _____	11: _____
2: _____	12: _____
3: _____	13: _____
4: _____	14: _____
5: _____	15: _____
6: _____	16: _____
7: _____	17: _____
8: _____	18: _____
9: _____	19: _____
10: _____	20: _____
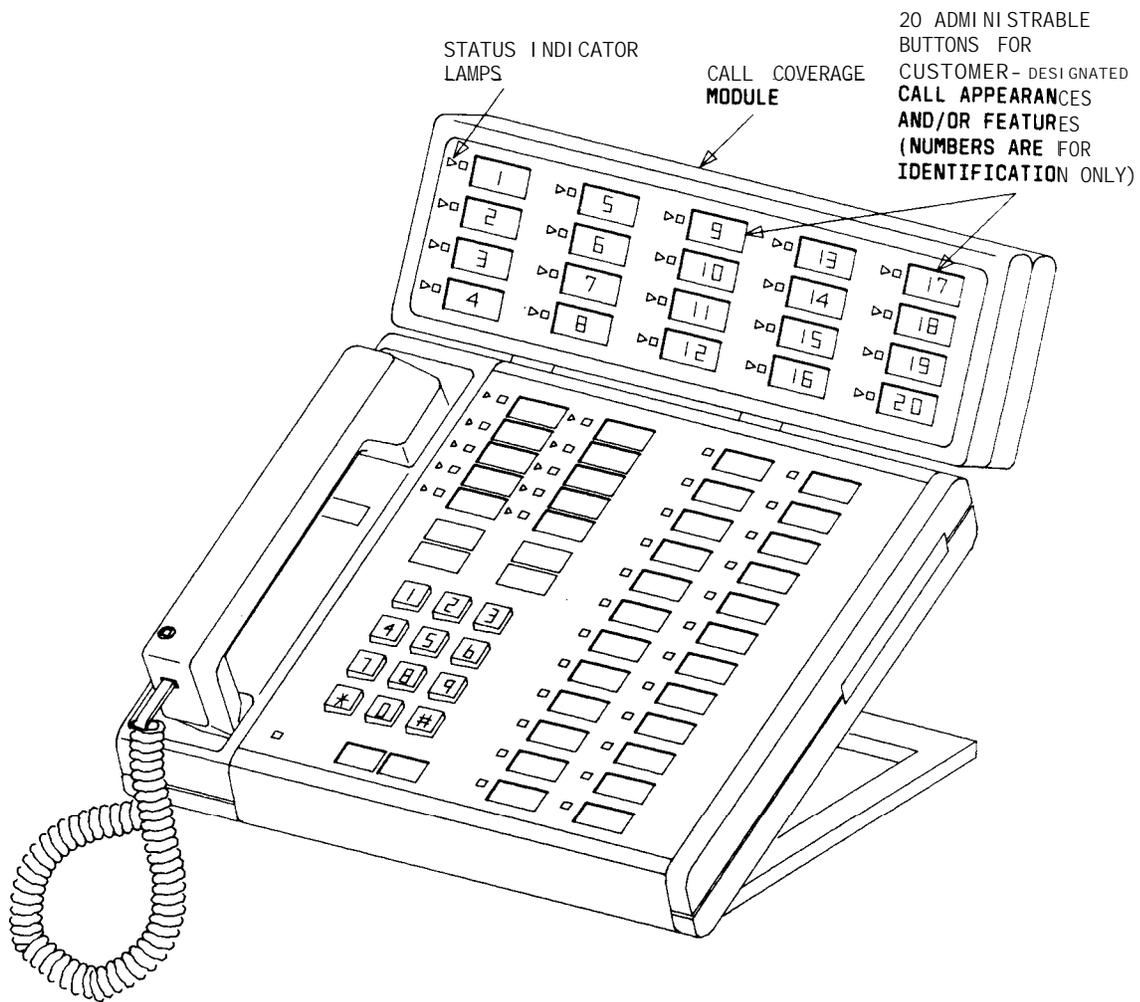
Figure 4-4. Model 7405D Voice Terminal With Optional Call Coverage Module and Administrable Button Assignments

Display Module

Purpose

Additional capabilities can be provided to users of 7405D voice terminals by adding a Display Module. This module cannot be used if a Call Coverage Module is being used on the same voice terminal.

This form must be filled out if "y" (yes) was entered on the "D40IA Display Module" field on the 7405D Voice Terminal Form.

When this form is completed, attach it to the Voice Terminal Form.

Hardware Requirements

If the display module is added to a 7405D voice terminal, the voice terminal must be installed and connected to a Digital Line Circuit Pack TN7W before the display module can be installed and implemented.

Instructions

Ž Using Table 4-C, choose the feature/functions you would like to assign to the display module.

Ž In the field labeled Lock **Messages** enter "y" to restrict other users from reading or canceling the voice terminal messages. (Default value is "n.")

Ž In each field labeled BUTTON ASSIGNMENTS (1 through 7), enter the recommended button nomenclature for the feature/function you selected from Table 4-C. One button on Display Module should be designated as "normal." See Figure 4-5 for the display module administrable button assignments.

```
                                                        Page  4  of  4
                                         STAT ION

DISPLAY  MODULE
                                  Lock  Messages?  n


BUTTON   ASSIGNMENTS

  1 :  normal             5:   msg-retr

  2:  inspect             6:    next

  3:  date-time           7:  delete-msg

  4:  cov-msg-rt
```

DIGITAL
DISPLAY
MODULE

40-CHARACTER
ALPHANUMERIC
DISPLAY

7 ADMINISTRABLE
BUTTONS
(NUMBERS ARE **FOR
IDENTIFICATION ONLY**)

1 2 3 4 5 6 7

ON/OFF
SWITCH
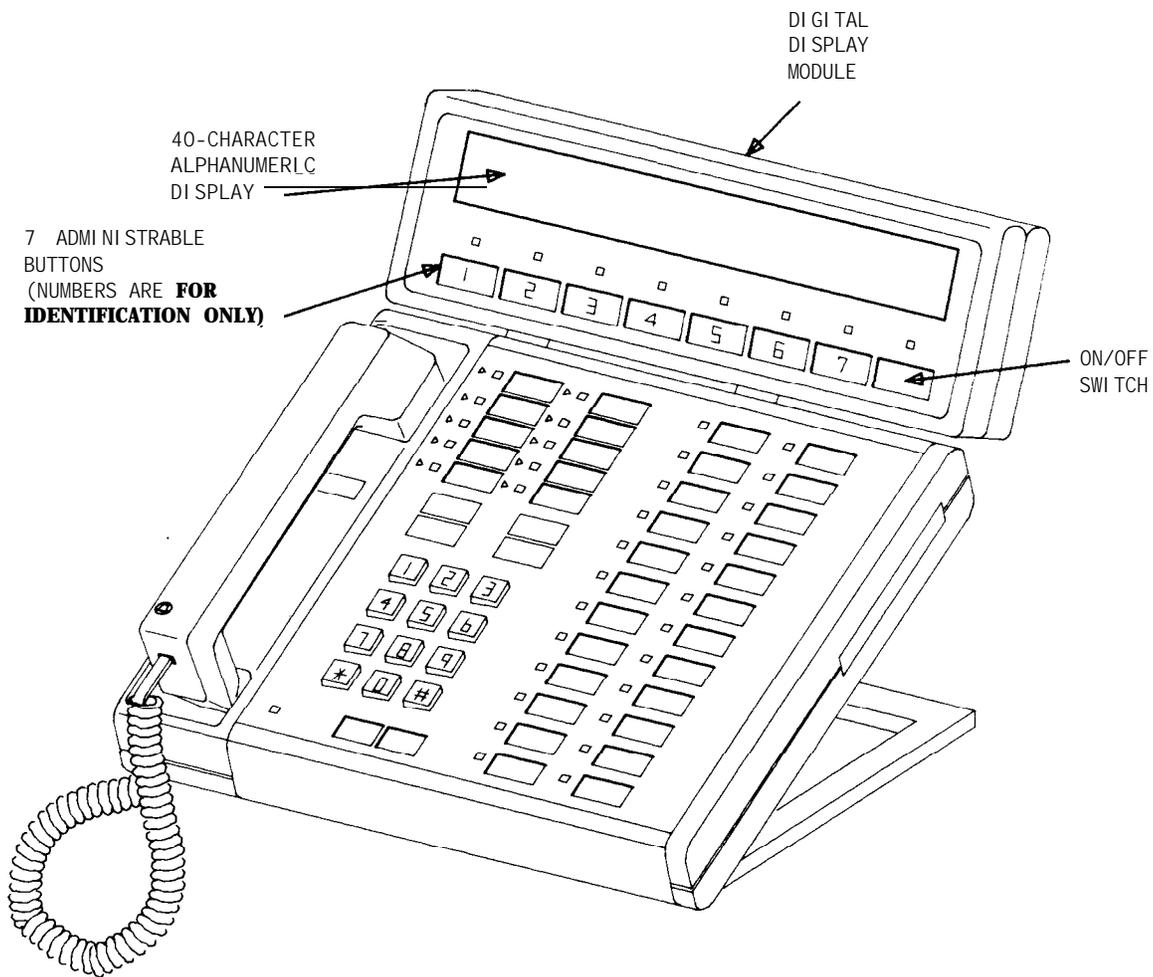
**Figure 4-5. Model 7405D Voice Terminal With Optional Digital Display Module
and Administrable Button Assignments**

Feature Module

Purpose

This form must be filled out if "y" (yes) was entered on the "F4OIA Feature Module" field for the 7405D voice terminal.

When this form is completed, attach it to the Voice Terminal Form.

Hardware   Requirements

If the feature module is added to a 7405D voice terminal, the voice terminal must be installed and connected to a Digital Line Circuit Pack TN754 before the feature module can be installed and implemented.

Instructions

Ž Using Table 4-C, choose the features you would like to assign to the Feature Module.

Ž In each field labeled **FEATURE MODULE BUTTON ASSIGNMENTS** 1 through 24, enter the feature/function name you selected from Table 4-C. See Figure 4-6 for the Feature Module button assignment.

```
                                                    Page  2  of  y

                              STATION

FEATURE  MODULE  BUTTON  ASSIGNMENTS

     1: _____           13: _____

     2: _____           14: _____

     3: _____           15: _____

     4: _____           16: _____

     5: _____           17: _____

     6: _____           18: _____

     7: _____           19: _____

     8: _____           20: _____

     9: _____           21: _____

    10: _____           22: _____

    11: _____           23: _____

    12: _____           24: _____
```

FUNCTION
KEY MODULE

24 ADMINISTRABLE
BUTTONS AS THEY
ARE ASSIGNED ON
THE FEATURE MODULE
FORM (NUMBERS ARE
FOR IDENTIFICATION
ONLY)
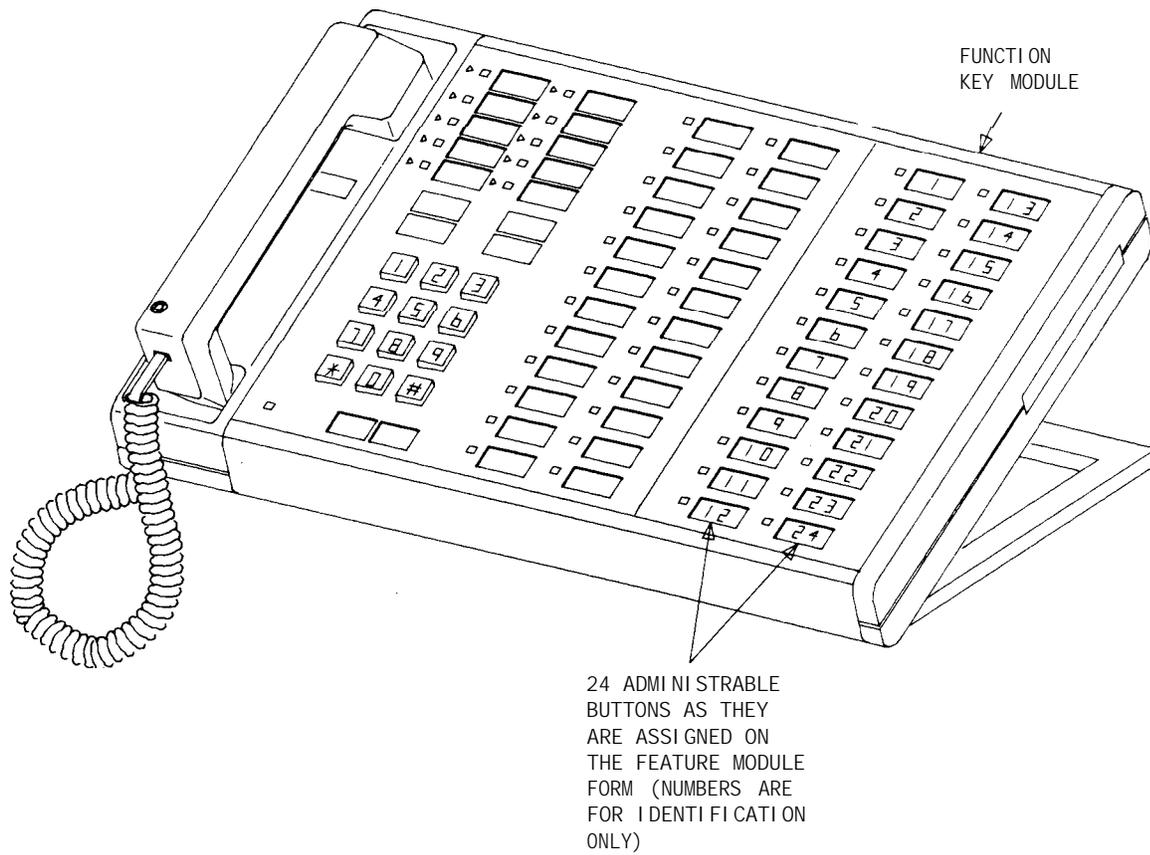
Figure 4-6. Model 7405D Voice Terminal With Optional Feature Module and Administrable Button Assignment

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Processor Data Modules/Trunk Data Modules/Digital Terminal Data Modules

Purpose

System 75 uses two forms for data module administration: one form for the 700A and the 700B, and another form for the 701A. "DTDMs" are not administered through Data Module Administration. They are administered through Station Administration.

- **700A** is the Processor Data Module (PDM). This PDM connects to an Applications Processor, SMDR output device, the on-premises administration terminal, data terminal, or a local host computer. One form must be filled out for each PDM installed.

- **700B** is the Trunk Data Module. The Trunk Data Module connects to a data set or a data service unit associated with a private data line or the digital data system (DDS). One form must be completed for each Trunk Data Module installed. The Trunk Data Module can also be connected to the SMDR output device.

- **701A** is the Digital Terminal Data Module (DTDM) used as an adjunct to a 7403D or 7405D voice terminal providing an Electronics Industries Association (EIA) connection for data terminal equipment. One form must be completed for each DTDM installed as an adjunct. The DTDM form must be filled out if "y" (yes) was entered "in the "701A" field for the 7403D or 7405D voice terminal. This form must be attached to the 7403D or 7405D voice terminal form that has a DTDM.

- **702A** is a Display Cartridge Data Module.

The maximum number of digital data endpoints (for example, AT&T Personal Terminal (PT) Model 510s, 515 BCTs, data modules, or pooled modem ports) is 200.

Hardware Requirements

A Digital Line Circuit Pack TN754 must be installed and connected before a PDM and Trunk Data Module can be implemented. A 7403D or 7405D voice terminal must be installed and connected before a DTDM can be installed.

Instructions

Make assignments as required for the following fields:

- Data Extension–is the extension number assigned to the data module. A data extension can be a 2- to 4-digit number. The digits assigned must agree with the Dial Plan Record.

- Type–is the type of module. Enter "700A" or "700B."

- Port–is a one letter and 4-digit number. Data modules used over a Data Communications Line require a port on Digital Line Circuit Pack TN754. (See Port Assignment Record.)

- Name—is the name of the user associated with the data module. The name is optional, it can be left blank.

- COS–is the desired Class of Service number from O to 15. (Default value is 1.)

- COR–is the desired Class of Restriction number from O to 63. (Default value is 1.)

- ABBREVIATED DIALING

    - List 1:, List 2:, List 3: –allows the module to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number.

- ASSIGNED MEMBERS

    - Ext–is the extension number of the users who will share the module. Make no entry in this field. The extension number is automatically assigned when the system is administered.

    - Name—is the name assigned to this extension number. Make no entry in this field. The name is automatically assigned when the system is administered.

DᴀᴛᴀMODULE

Data Extension: xxxx   **Type: 700A or 700B**   **Port :**

Name : _____   **COS: 1**   **COR: 1**

ABBREVIATED DIALING

List1: _____   **List2:** _____   **List3:** _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

Ext	Name		Ext	Name
1:			3:	
2:			4:	

Interfaces

Two forms are used to implement the Applications Processor (AP) and Data Channels
Interface:

- . **"Data Channel"** Interfaces are unique Data Modules used to provide switched data
  access for SMDR, on-premises administration terminals, or off-premises
  administration terminals.

- **"Applications Processor (AP)"** Interfaces are unique Data Modules used to
  establish a communications link between the AP and the Interface 3 Circuit Pack.
  Only one interface form can be filled out. The Interface form must be assigned if the
  system has an AP. An additional 700A PDM form must be filled out for the PDM
  connection to the AP.

Hardware Requirements

The TN716 Interface 1, TN738 Interface 2, and the TN719 Interface 3 must be installed and
connected in order to implement an AP.

Instructions

Make assignments as required for the following fields:

- Data Extension–is the extension number assigned to the data module. A data
  extension can be a 2- to 4-digit number. The digits assigned must agree with the
  Dial Plan Record.

- Type–is the type of interface. Types are "data-channel" and "inter face." Make no
  entry in this field, data channel and interface have been preprinted.

- Channel–is a 2-digit channel number from 01 to 04 on the "data-channel" form only.
  Channel numbers are assigned to the Network Control Circuit Pack TN727. Make no
  entry in this field; data channel numbers have been preprinted.

- Name–is the name of the user associated with the data module. The name is
  optional, it can be left blank.

- COS–is the desired Class of Service number from O to 15. (Default value is 1.)

- COR–is the desired Class of Restriction number from O to 63. (Default value is 1.)

- ABBREVIATED DIALING

    - Listl:, List2:, List3:–allows the module to have up to three abbreviated
      dialing lists. Enter "p" for personal, "s" for system, or "g" for group. If "g"
      is entered, a group number is also required.

- ASSIGNED MEMBERS

    - Ext–is the extension number of the users who will share the module. Make
      no entry in this field. The extension number is automatically assigned when
      the system is administered.

    - Name–is the name assigned to this extension number. Make no entry in this
      field. The name is automatically assigned when the system is administered.

DATA MODULE

Data Extension xxxx   Type: data-channel   Channel   01

           Name _____   COS: 1   COR   1

ABBREVIATED DIALING

  List _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

           Ext   Name   Ext   Name
      1:   3

      2 :   4 :

DATA MODULE

Data Extension xxxx   Type: data-channel   Channel   02

           Name _____   COS: 1   COR: 1

ABBREVIATED DIALING

  Listl: _____   List2: _____   List3: _____

ASS GNED   MEMBERS   (Stations with a data   extension button for this data module)

           Ext   Name   Ext   Name
      1:   3 :

      2 :   4 :

DATA MODULE

Data   Extension: xxxx   Type: <u>data-channel</u>   Channel : 03

         Name : _____   COS: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

    List1:_____   List2: _____   List3: _____

ASSIGNED MEMBERS (Statoions with a data extension button for this data module)

         Ext   Name   Ext   Name
      1   3 :

      2 :   4 :

DATA MODULE

Data Extension xxxx   Type: <u>data-channel</u>   Channel: <u>0 4</u>

         Name _____   COS: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

   List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module

         Ext   Name   Ext   Name
      1:   3 :

      2 :   4 :

DATA MODULE

Data Extension: xxxx   Type: <u>interface</u>

    Name : _____   COS: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

     Ext   Name   Ext   Name

1:                                    3:

2:                                    4:

PERSONAL CENTRAL OFFICE LINE GROUPS (PCOLGS)

Purpose

This section contains the forms required to implement the three different types of Personal Central Office Line Groups (PCOLGS). A blank form is provided for each type of PCOLG. A blank copy of each form should be reproduced for each type of PCOLG to be implemented. Up to 25 PCOLGs can be implemented.

The PCOLG information is provided in Table 4-D. Each field on the form is listed under the heading "Field Name." The allowable entries for that field are listed under the heading "Allowable Field Entries."

Hardware Requirements

A Central Office Trunk Circuit Pack TN747 must be installed and connected before a Central Office, Foreign Exchange, or Wide Area Telecommunications Personal Central Office line can be implemented.

TABLE 4-D. Allowable Field Entries for a CO, FX, or WATS PCOLG

FIELD NAME	ALLOWABLE FIELD ENTRIES	
Group Number	1-25	1-25
Group Type	co or fx	wats
SMDR Reports	y or n	y or n
Group Name	15 chars	15 chars
Coverage Path	1-200	1-200
TAC	trunk code	trunk code
Security Code	4-digit security code	4-digit security code
Outgoing Display	y or n	y or n
Data Restriction		
Trunk Type	ground-start	ground-start
Trunk Port	1 letter & 4 digits	1 letter & 4 digits
Disconnect Timing (msec)	140 to 2550 milliseconds	140 to 2550 milliseconds
Trunk Name	7 characters (LDN#)	7 characters (LDN#)
Trunk Termination	6000hm or rc	6000hm or rc
Outgoing Dial Type	tone or rotary	tone or rotary
Prefix-1	y or n	—
Name	*name*	*name*
Ext	*extension*	*extension*

NOTE: Other Trunk Types are:

auto/auto	auto/delay	auto/immed	auto/wink
delay/auto	delay/delay	delay/immed	delay/wink
immed/auto	immed/delay	immed/immed	immed/wink
wink/auto	wink/delay	wink/immed	wink/wink

Instructions

Make assignments as required for the following fields:

- Group Number–is a number between 1 and 25 that identifies the PCOLG. Up to 25 PCOLGS can be installed in the System 75.

- Group Type—identifies the type of PCOLG, as follows:

    - Central Office (co)

    - Foreign Exchange (fx)

    - Wide Area Telecommunications Service (wats)

    (Default value is CO.)

- SMDR Reports–is used to provide a detailed recording on calls made on the PCOLG. (Default value is y.)

- Group Name–is a unique name that identifies the PCOLG. Up to 7 characters can be used (all forms). (Default value is outside call.)

- Coverage Path–is the number of the Coverage Path (1 to 200).

- TAC–is the trunk access code that must be dialed to access the PCOLG.

- Security Code–is a 4-digit security code used for the Applications Processor Demand Print messages. This field may be left blank.

- Outgoing Display–displays the PCOLG name on outgoing calls. This applies to voice terminals that have a display. (Default value is n.)

- Data Restriction—is used to restrict system features from causing overriding tones on a PCOLG. This provides permanent protection. (Default value is n.)

- Trunk Type–identifies the type of PCOLG as ground-start or loop start.

- Trunk Port—is a one letter and a 4-digit number. A port number must be assigned for each member in the trunk group. (Refer to Port Assignment Record.)

- Disconnect Timing (msec)–represents the time in milliseconds that is required by the Central Office to idle its facilities after it receives a disconnect signal from the System 75. The time interval must be in increments of 10 (from 140 to 2550 milliseconds). (Default value is 500.)

- Trunk Name–is a 7-character name that identifies the PCOLG.

- Trunk Termination–defines how the PCOLG is terminated. The PCOLG can terminate in a resistance of 600 ohms, or a resistor capacitor (rc) network. The rc network is used to match long loops; 600 ohm is used to match short loops. (Default value is rc.)

- Outgoing Dial Type–identifies the type of pulsing required on an outgoing call. (Default value is tone.)

- Prefix-l–indicates if the prefix 1 is required for area code calls. The prefix 1 distinguishes between area and local office codes. (Default value is n.)

- Ext–is the extension number of the voice terminal users assigned as members. Make no entry in this field. The extension number is automatically assigned when a given station is assigned a PCOL button.

- Name—is the name assigned to this extension number. Make no entry in this field. The system automatically assigns a name when a given station is assigned a PCOL button.

PERSONAL CO LINE GROUP

Group Number: Group Type: co   SMDR Reports? y

   Group Name: Outside-Call   Coverage Path: _   TAC :

Security Code: Outgoing Display? n   Data Restriction? n

TRUNK PARAMETERS

            Trunk Type: _____

            Trunk Port: Disconnect   Timing(msec):   500

            Trunk Name: _____   Trunk Termination: rc____

      Outgoing Dial Type: tone___

            Prefix-1? n

ASSIGNED MEMBERS (Stations with a button for this PCOL Group)

        Ext   Name   Ext   Name

     1:   3:

     2:   4:

Note: Use this form if Group Type equals "co" or "f."

PERSONAL CO LINE GROUP

Group Number: _   Group Type: <u>wats</u>   SMDR Reports? <u>y</u>

  Group Name: <u>Outside-Call</u>   Coverage Path: TAC:

Security Code   Outgoing Display? <u>n</u>   Data Restriction? <u>n</u>

TRUNK PARAMETERS

          Trunk Type: _____

          Trunk Port: Disconnect Timing(msec): <u>500</u>

          Trunk Name: _____   Trunk Termination: <u>rc</u>

     Outgoing Dial Type: <u>tone</u>

ASSIGNED MEMBERS (Stations with a button for this PCOL Group)

      Ext   Name   Ext   Name

   1:   3:

   2:   4:

Note: Use this form if Group Type equals "wats."

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PICKUP GROUPS

Purpose

This form is used to implement up to 200 pickup groups with up to 25 extensions per group. A pickup group is a group of users authorized to answer calls to a voice terminal extension within that group of users. A voice terminal extension number can only belong to one pickup group. Up to 400 members are allowed in the system.

Reproduce a blank form for each group to be implemented.

Hardware Requirements

No additional hardware is required.

Instructions

Make assignments as required for the following fields:

- Group Number–enter a number from 1 to 250 to identify the group.

- Ext–enter an extension number for each user in the group. Up to 25 extension numbers can be assigned to the same group.

- Name—make no entry. The name is automatically assigned when the system is administered.

PICKUP GROUP

Group Number: __

GROUP MEMBER ASSIGNMENTS

Ext	Name		Ext	Name
1:			14:	
2:			15:	
3:			16:	
4:			17:	
5:			18:	
6:			19:	
7:			20:	
8:			21:	
9:			22:	
10:			23:	
11:			24:	
12:			25:	
13:				

POOLED MODEMS

Purpose

A single form is used to implement Pooled Modems. This feature allows circuit switched data connections between digital data communications equipment (data modules) and analog data communications equipment (modems) by placing a conversion resource in the call path to convert Digital Communications Protocol (DCP) to the modulated signals used by modems and vice versa.

Hardware Requirements

One Pooled Modem Circuit Pack TN758 is required for each two pooled modems. A maximum of 16 circuit packs can be installed.

Instructions:

Make assignments as required for the following fields:

- Receiver Responds to Remote Loop–enter "y" to allow far end modem to put conversion resource into loop back mode.

- Loss of Carrier Disconnect–enter "y" to permit conversion resource to disconnect if a dropped carrier is detected.

- Send Space Disconnect—enter "y" to allow the conversion resource to send 4-seconds of space before disconnecting.

- Receive Space Disconnect–enter "y" to allow the conversion resource to disconnect after receiving 1.6 seconds of space.

- CF-CB Common–enter "y" to indicate that the CF and CB leads on the conversion resource are logically connected.

- Board Location—enter the carrier and slot number associated with the board location of the conversion resource on the integrated modem pool board. Valid entries consist of three alphanumeric characters where the first character (A-E or a-e) represents the carrier and the second and third characters (01-20) represent a 2-digit slot number. A maximum of 16 board assignments are available.

POOLED MODEM

Receiver Responds to Remote Loop? n   Loss of Carrier Disconnect? y

Send Space Disconnect? y   Receive Space Disconnect? y

CF-CB Common? y

BOARD ASSIGNMENTS

	Board Location		Board Location
1:		9:	
2:		10:	
3:		11:	
4:		12:	
5:		13:	
6:	_	14:	_
7:		15:	_
8:		16:	

REMOTE ACCESS

Purpose

This form is used to implement the Remote Access feature. Remote Access permits a caller located outside the system to access the System 75 through the public or private network. Then the caller can use the features and services of the system.

Remote Access users can dial into the system using Central Office, Foreign Exchange, and/or 800 Service trunks. In addition, a dedicated Remote Access Direct Inward Dialing number can be provided.

After System 75 dial tone is obtained, the Remote Access user might, 'for system security, be required to dial a Barrier Code. Ten Barrier Codes, each with a different Class of Restriction, can be assigned.

Hardware Requirements

If Remote Access is not available via DID, dedicated trunks must be provided.

Instructions

Make assignments as required for the following fields:

- Remote Access Extension–enter an extension number for Remote Access.

- ŽBarrier Code Length—enter the desired length (4 to 7) of the Barrier Codes. All Barrier Codes must be the same length. (Default value is 4.)

- Barrier Code–enter any desired Barrier Codes. All codes must conform to the length selected above but can be any combination of the digits O to 9.

- COR–enter a Class of Restriction number (O to 63) that reflects the desired restriction. (Default value is 1.)

REMOTE ACCESS TO AN INTERNAL STATION

Remote Access Extension:

Barrier Code Length: <u>4</u>

BARRIER CODE ASSIGNMENTS (Enter up to 10)

	Barrier Code	COR		Barrier Code	COR
1:	_____	<u>1</u>	6	_____	<u>1</u>
2:	_____	<u>1</u>	7	_____	<u>1</u>
3:	_____	<u>1</u>	8	_____	<u>1</u>
4:	_____	<u>1</u>	9	_____	<u>1</u>
5:	_____	<u>1</u>	10	_____	<u>1</u>

SYSTEM PARAMETERS

Purpose

This form is used to implement the system parameters associated with the System 75.

Hardware Requirements

No additional hardware is required.

Instructions (Page 1 of 2)

Make assignments as required for the following fields:

Ž Trunk-to-Trunk Transfer–enter "y" (yes) if you want trunk-to-trunk transfer. This allows voice terminal users to set up trunk-to-trunk transfer and go on hook without disconnecting the call. Enter "n" (no) if this option is not desired. (Default value is n.)

Ž Coverage–Don't Answer Interval for Subsequent. Redirection (rings)–enter the desired number of rings from 1 to 6. This is the number of times a voice terminal in a Call Coverage path will ring before the call is routed to the next coverage point. (Default value is 2 rings.)

Ž Coverage–Caller Response Interval (sees)–enter a number in seconds from O to 10. This is the time the caller will have before the call redirects to coverage. The calling party can either "hang up," use Leave Word Calling, or press the Go to Cover button during this interval. (Default value is 4 seconds.)

Ž Automatic Callback—No Answer Timeout Interval (rings)—enter the desired number of rings from 2 to 9. This is the number of times the callback call rings before the callback call is canceled. (Default value is 3 rings.)

Ž Call Park Timeout Interval (minutes)–enter the desired number (in minutes) from 1 to 10 that a call can remain parked before it is canceled. (Default value is 10 minutes.)

Ž Music On Hold Port— enter the port number that will provide music-on-hold access. This requires a port on an Auxiliary Trunk Circuit Pack TN763.

Ž DID Intercept Treatment–enter a recorded announcement number from 1 to 10, or O for attendant. (Default value is O.)

Ž Extension of 700A Data Module Used By AP–enter the extension number which provides access to the Applications Processor (AP). Leave blank if your system does not have an AP.

FEATURE-RELATED SYSTEM Parameters

Trunk-to-Trunk   Transfer?   <u>n</u>

Coverage - Don't   Answer   Interval   for   Subsequent   Redirection   (rings):   **2**

Coverage -   Caller   Response   Interval   (sees):   <u>4</u>

Automatic callback . No Answer   Timeout   Interval   (rIng5):   <u>3</u>

call   park   Timeout   Interval   (minutes):   <u>1 0</u>

Music   on   Hold   Port:

DID   Intercept   Treatment: <u>O</u>

Extension   of   700A   Data   Module   Used   by   AP:

- Max. Number of Messages Per Station—enter the maximum number of Leave Word Calling Messages (O to 125) that can be left for a voice terminal. (Default value is 10.)

- Stations with System-wide Retrieval Permission (enter extension)– enter up to ten voice terminal extension numbers which can retrieve Leave Word Calling Messages for all other voice terminals. A single zero (0) entry gives retrieval permission to all attendants.

- Output Device—enter nap" for the Applications Processor, "94a/lsu" for the 94A local storage unit, "printer" for a printer, "comstor2" for a **Comm-Stor II, or** **"teleseer" for a TELESEER. This is the device that receives the SMDR data from** **the System 75. Each output device chosen must have an extension number assigned** to it.

- output Device Ext–enter the extension number of the PDM or the Trunk Data Module assigned to a 94A local storage unit, printer, "comstor 2," or TELESEER unit.

- Printer Width—enter "80" for an 80-column printer output or "132" for a 132-column printer output. This field must be filled out if "printer" was entered for the output device. (Default value is 84 columns).

- SMDR Account Code Length–enter the desired length of the account codes (1 to 5). This is the number of digits that must be pressed to tell the system to perform SMDR on this call. (Default value is 2.)

- Record Outgoing Calls Only–enter "y" (yes) if you wish to record outgoing calls only; otherwise, enter "n" (no). (Default value is n.)

- Suppress SMDR for Ineffective Call Attempts–enter "y" (yes) to record unsuccessful call attempts; otherwise, enter "n" (no). (Default value is n.)

FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): 10

    Stations with System-wide Retrieval Permission (enter extension)

       1:       3:   5:   7:   8:

       2:       4:   6:   8:   10:

SMDR PARAMETERS

    Output Device: _____   Output Device Ext: Printer Width: 80

SMDR REPORT PARAMETERS

                  SMDR Account Code Length: 2

                Record Outgoing Calls Only? y

        Suppress SMDR for Ineffective Call Attempts? y

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TERMINALS

Purpose

The forms required to implement the System 75 voice terminals are listed in this section. Only those voice terminals that are directly supported by screen forms are covered here. Part 5 of this Manual explains how to implement voice terminals that are not directly supported by this system. Reproduce a blank form for each type voice terminal to be implemented. If one type of voice terminal is going to have the exact same features and is going to be assigned to several users, you only have to fill out one form for that type of voice terminal. You should note the extension numbers and port assignments as the only difference.

When assigning features or functions to a voice terminal, refer to the Feature/Function section to determine if any additional forms or fields need to be filled out.

The information presented for the voice terminals is provided in Tables 4-E and 4-F. Table 4-E covers the 2500, 7101A, and 7103A voice terminals and Table 4-F covers the 7303S, 7305S, 7403D, 7405D, 515 and the Multibutton Electronic Telephones (MET) 10-Button, 20-Button, and 30-Button terminals.

Each field on the voice terminal forms is listed under the table heading Field Name. The allowable entries for that field are listed under the table heading Allowable Field Entries.

Hardware Requirements

An Analog Line Circuit Pack TN742 must be installed and connected before the 2500, 7101A, and 7103A voice terminals can be implemented.

A Digital Line Circuit Pack TN754 must be installed and connected before a 7403D, 7405D, or 515 voice terminal can be implemented.

A Hybrid Line Circuit Pack TN762 must be installed and connected before a 7303S or 7305S voice terminal can be implemented.

A Multibutton Electronic Telephone (MET) TN735 Circuit Pack must be installed and connected before a 10, 20, or a 30 button MET voice terminal can be implemented.

TABLE 4-E. Allowable Field Entries for 2500, 7101A, and 7103A Voice Terminals

FIELD NAME	ALLOWABLE FIELD ENTRIES
Extension #	extension number of voice terminal
Station Type	2500, 7101A, 7103A
Port	one letter and four letters
Name	15 character name
Coverage Path	1 to 200
COS	0 to 15
Security Code	four-digit number
COR	o to 63
Coverage Msg Retrleval Permlsslon	
Data Restriction	
Redirect Notification	
Call Waiting Indication	y or n
Off Premise Station	
Distinctive Audible Alert	
R Balance Network	
List1:, List2:, List3:,	7103A, s, p, or Group No.
Hot Line Destination	1.2. or 3 (List Number)
Dial Code	entry from abbreviated dialing list
Buttons	(see abbreviated dialing form for 7103A voice terminal)

TABLE -I-F. Allowable Field **Entries for 7303S, 7305S, 7403D. 7405D. 515, 10, 20, and 30 MET** Voice **Terminals**

FIELD NAME	ALLOWABLE FIELD ENTRIES
Extension	extension number of voice terminal
Station Type	7303S, 7305S, 7403D, 7405D, 515, lOMET, 20MET, 30 MET
Port	one letter and four digits
Name	15 characters
Coverage Path	1 to 200
COS	0 to 15
Security Code	4-digits
COR	o to 63
Coverage Msg Retrieval Permlsslon	y or n
Data Restriction	
Redirect Notification	
Idle Apearance Preference	
Bridged Call Alerting	
701A Data Module	
F401A Feature Module	
D401A Display Module	
C401A Coverage Module	
List1:, List2:, List3:,	s, p, or group number
Button Assignments	(see Tables 2-A, 2-B and 2-C)

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Extension Detail for a 2500, 7101A, or 7103A Voice Terminal

Instructions

An alphabetical description of each field for the 2500, 7101A, or 7103A voice terminal is given below. The description may be referred to when filling out the forms.

- ABBREVIATED DIALING

    - List1:, List2:, List3: allows the voice terminal to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number. If a 7103A Fixed Feature Voice Terminal is used, enter 7103A as one of the list types. See Abbreviated Dialing for instructions on how to construct that list.

- Call Waiting Indication–used to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. (Default value is y.)

- COR is a Class of Restriction number between O and 63 that reflects the desired restriction. (Default value is 1.)

- COS is a number between O and 15 that restricts or allows the use of the Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features. (Default value is 1.)

- Covrerage Msg Retrieval Permission–allows a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception. (Default value is y.)

- Coverage Path is a coverage path number between 1 and 200.

- Data Restriction–prevents tones, such as call waiting tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user. (Default value is n.)

- Distinctive Audible Alert–allows the voice terminal user to receive the three different types of audible alerting patterns that identify the type of incoming calls. Features that provide Distinctive Audible Alerting might function improperly toward an off-premises voice terminal. (Default value is y.)

- Extension is a number assigned to a voice terminal. The number must correspond with the Dial Plan Record.

- HOT LINE DESTINATION

    - **Abbreviated Dialing List Number** is the list number of the abbreviated dialing list that contains the Hot Line Destination. Choose from List1, List2, or List3. (Enter a number between 1 and 3.)

    - **Dial Code** is the index into the abbreviated dialing list. The dial code yields the digits to be dialed. (Enter O through 60.)

- LWC Activation–allows internal voice terminal users to leave short LWC messages for other internal voice terminal users. (Default value is y.)

- LWC Reception—allows the voice terminal to receive LWC messages from another voice terminal user. Coverage Message Retrieval Permission does not apply if this field is set to "n." (Default value is y.)

- Name is the name of the person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

  The Integrated Directory Feature lists the names as they are entered on the forms. . Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

  Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

    . Bill J Doe

    . Doe, Bill J

    . Bill Doe

- Off-Premises Station—identifies a voice terminal connected to System 75, but not located in the same building with the System 75. (Default value is n.)

- Port is a one letter and a 4-digit number. Each 2500, 7101A, or 7103A voice terminal requires a port on the Analog Line Circuit Pack TN742. Each TN742 can ring a maximum of four voice terminals at one time. Special consideration should be given to Port selections when more than four voice terminals are expected to ring at once.

- R Balance Network is the network for off-premises terminals. This field must be completed if "y" (yes) was entered in the "Off-Premises Station" field. Enter "y" (yes) to select the R Balance Capacitor network, or "n" (no) to select the standard resistor capacitor network. (Default value is n.)

- Redirect Notification—causes a half ring to be given at a voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). (Default value is y.)

- Security Code is a 4-digit code used to unlock the display for retrieval of messages and for the AP Demand Print feature and voice synthesis retrieval of messages.

- Station Type–enter the type of voice terminal assigned to the Extension Number.

STAT ION

Extension: Station Type: 2500   Port :

    Name : _____   Coverage Path: .   COS: <u>1</u>

                             Security Code: COR: 1

FEATURE OPTIONS

                LWC Reception? <u>y</u>   Coverage Msg Retrieval Permission? <u>y</u>

                LWC Activation? <u>y</u>   Data Restriction? <u>n</u>

        Redirect Notification? <u>y</u>   Call Waiting Indication?   <u>y</u>

            Off Premise Station? _   Distinctive, Audible Alert? <u>y</u>

            R Balance Network? <u>n</u>

ABBREVIATED DIALING

    List1:_____   List2: _____   List3: _____

HOT LINE DESTINATION
        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                            Dial Code: _

Extension Detail for a 7303S, 7305S, 7403D, 7405D, 515, 10, 20, or 30 Button MET Voice Terminal

Instructions

A description of each field for the 7303S, 7305S, 7403D, 7405D, 515, and the MET voice terminals is listed alphabetically below. These descriptions may be referred to when filling out the forms.

- ABBREVIATED DIALING

    - **List1:, List2:, List3:** allows the voice terminal to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number.

Ž Bridged Call Alerting–allows incoming calls on bridged appearances to alert at this station. (Default is n.)

- BUTTON ASSIGNMENTS—allows certain System 75 features and/or functions to be assigned to a voice terminal. The features and functions that can be assigned to the voice terminals are shown in Tables 2-A, 2-B, and 2-C. The table shows the abbreviated name of the feature, the maximum allowed number of features or functions that can be assigned to the voice terminal, and the type of voice terminal it can be assigned to. The abbreviated name must be entered on the button field on the form.

    Figures 2-2 through 2-9 show the voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance.

- COR is a Class of Restriction number between O and 63 that reflects the desired restriction. (Default value is 1.)

Ž COS is a number between O and 15 that restricts or allows the use of the Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features. (Default value is 1.)

Ž C401A Coverage Module–allows a 7403D or 7405D voice terminal to have a Coverage Module. If a Coverage Module is assigned, the Coverage Module Form must be filled out and attached to the Voice Terminal Form. A voice terminal cannot have a coverage and display module at the same time.

- Coverage Msg Retrieval Permission—allows a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception. (Default value is y.)

Ž Coverage Path is a coverage path number between 1 and 200.

- Data Restriction–prevents tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user. (Default value is n.)

- D401A Display Module–allows a 7405D voice terminal to have a Display Module. If a Display Module is assigned, the Digital Display Module Form must be filled out and attached to the Voice Terminal Form.

Ž Extension is a number assigned to a voice terminal. The number must correspond with the Dial Plan Record.

- F401A Feature Module-allows a 7405D voice terminal to have a Feature Module. If a Feature Module is assigned, the Feature Module Form must be completed and attached to the Voice Terminal Form. Feature and Data Modules cannot be assigned to the same voice terminal.

- Idle Appearance Preference–indicates which call appearance is selected when the user lifts the handset and there is an incoming tail. If "y" is entered, the Appearance Preference is set and the user is connected to an idle call appearance instead of the alerting call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the alerting call appearance. (Default value is n.)

Ž LWC Activation–allows internal voice terminal users to leave short LWC messages for other internal voice terminal users. (Default value is y.)

Ž LWC Reception–allows the voice terminal to receive LWC messages from another voice terminal user. Coverage Message Retrieval Permission does not apply if this field is set to "n." (Default value is y.)

- Name is the name of the person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

  The Integrated Directory Feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

  Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

  Ž Bill J Doe

  Ž Doe, Bill J

  - Bill Doe

- Port is a one letter and a 4-digit number. Each 7303S and 7305S voice terminal requires a port on the Hybrid Line Circuit Pack. Each 7403D and 7405D voice terminal requires a port on the Digital Line Circuit Pack TN754. (Refer to Port Assignment Record.)

Ž Redirect Notification—causes a half ring to be given at a voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). (Default value is y.)

Ž Security Code is a 4-digit security code used to unlock the display for the retrieval of messages for the AP Demand Print feature and voice synthesis retrieval of messages.

- Station Type is the type of voice terminal assigned to the Extension Number.

Ž 701.4 Data Module—allows a 7403D or 7405D voice terminal to have a Digital Terminal Data Module (DTDM). If a DTDM is assigned, the Data Module Form must be filled out and attached to the Voice Terminal Form. This form is found in the Module/Interface section.

515 *Business Communications Terminal (BCT)*

STATION

Extension: xxxx   Station Type: 515   Port :

Name : _____   Coverage Path: _   COS: 1

                                 Security Code: COR: 1

FEATURE OPTIONS

          LWC Reception? y   Coverage Msg Retrieval Permission? y

          LWC Activation? y   Data Restriction? n

     Redirect Notification? y   Idle Appearance Preference? n

     Bridged Call Alerting? n

ABBREVIATED DIALING

     List1: _____   List2: _____   List3: _____

BUTTON ASSIGNMENTS

  1: call-appr   6: _____

  2: call-appr   7: _____

  3: call-appr   8: _____

  4: _____   9: _____

  5: _____   10: _____

515 *Business Communications Terminal (BCT)*

```
                                                    Page  n  of  y
                          STATI0N

DISPLAY MODULE
                         Lock  Messages?  n


BUTTON ASSIGNMENTS

   1:  normal              5:  msg-retr

   2:  inspect             6:  next

   3:  date-time           7:  delete-msg

   4:  cov-msg-rt
```

515 Business Communications Terminal (BCT)

STATION

DATA MODULE

    Data Extension:

           Name : _____   COR : 1_   COS: 1

ABBREVIATED DIALING

 List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with data extension buttons for this data module)

     Ext   Name   Ext   Name

   1:   3:

   2:   4:

7303S or 7305S Voice Terminal

```
                                                       Page 1 of y


                              STATION

    Extension:              Station Type: 7305S        Port :

        Name :              Coverage Path: _           COS: 1

                            Security Code:             COR: 1
    FEATURE OPTIONS

              LWC Reception? y      Coverage Msg Retrieval Permission? y

              LWC Activation? y                     Data Restriction? n

         Redirect Notification? y        Idle Appearance Preference? n

         Bridged Call Alerting? _

    ABBREVIATED DIALING

        List1: _____       List2: _____       List3: _____
    BUTTON ASSIGNMENTS

      1: call-appr                 6: _____

      2: call-appr                 7: _____

      3: call-appr                 8: _____

      4: _____                 9: _____

      5: _____                10: _____
```

7303S or 7305S Voice Terminal

STATION

BUTTON   ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: _____   18: _____

7: _____   19: _____

8: _____   20: _____

9: _____   21: _____

10: _____   22: _____

11: _____   23: _____

12: _____   24: _____

7403D Voice Terminal

STATION

Extension: _____   Station Type: 7403D   Port :

　　Name : _____   Coverage Path: _   COS: 1

　　　　　　　　　　　　　　　　Security Code: _   COR: 1

FEATURE OPTIONS

　　　　　　LWC Reception? y   Coverage Msg Retrieval Permission? y

　　　　　　LWC Activation? y   　　　　　　Data Restriction? n

　　Redirect Notification? y   　Idle Appearance Preference? n

　Bridged Call Alerting? _

　　　701A Data Module? n

ABBREVIATED DIALING

　　List1: _____   List2: _____   List3: _____

BUTTON ASSIGNMENTS

　1: call-appr   6: _____

　2: call-appr   7: _____

　3: call-appr   8: _____

　4: _____   9: _____

　5: _____   10: _____

7405D Voice Terminal

```
                                                                Page 1 of y
                                         STATION

     Extension:                   Station Type: 7405D          Port :

          Name :                  Coverage Path: _             COS: 1

                                  Security Code:               COR: 1
FEATURE OPTIONS

               LWC  Reception? y        Coverage Msg Retrieval Permission? y

               LWC   Activation?  y                   Data Restriction?    n

          Redirect Notification? y          Idle Appearance Preference     n

          Bridged Call Alerting   y

              701A Data Module? n          F401A Feature Module? n

         D401A Display Module? n           C401A Coverage Module? n
ABBREVIATED DIALING

          List1:                 List2:                    List3:
BUTTON ASSIGNMENTS

     1: call-appr                   6:

     2: call-appr                   7:

     3: call-appr                   8:

     4:                             9:

     5:                            10:
```

7405D Voice Terminal

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: _____   18: _____

7: _____   19: _____

8: _____   20: _____

9: _____   21: _____

10: _____   22: _____

11: _____   23: _____

12: _____   24: _____

10, 20, or 30 *Button MET Voice Terminal*

```
                                                    Page  1  of  y
                                          STATION

     Extension:                    Station Type: 3 0 M E T        Port :

          Name :  _____     Coverage Path: _              COS: 1

                                   Security Code:                 COR: 1

     FEATURE OPTIONS
                   LWC Reception?  y        Coverage Msg Retrieval permission?        y

                 LWC Activation?   y                       Data Restriction?          n

             Redirect Notification?  y              Idle Appearance Preference?       n

             Bridged Call Alerting?  y


     ABBREVIATED DIALING

          List1:  _____          List2:  _____           List3:  _____

     FEATURE BUTTON ASSIGNMENTS

        1:  call-appr_

        2:  call-appr_

        3:  call-appr_

        4:  _____

        5:  _____
```

*10, 20, **or** 30 **Button MET Voice Terminal***

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____   11: _____

2: _____   12: _____

3: _____   13: _____

4: _____   14: _____

5: _____   15: _____

6: _____   16: _____

7: _____   17: _____

8: _____   18: _____

9: _____   19: _____

10: _____   20: _____

TERMINATING EXTENSION GROUP

Purpose

This form is used to define terminating extension groups.

Allows an incoming call to alert (ring) as many as four voice terminals at one time. Any of the voice terminal users can answer the call.

Any voice terminal can be assigned as a Terminating Extension Group (TEG) member; however, only a multi-appearance voice terminal can be assigned a TEG button with associated status lamp. The TEG button allows the terminal user to select a TEG call appearance for answering or for bridging onto an existing call.

A single-line voice terminal assigned as a TEG member is alerted for a TEG call if it is idle, or if Call Waiting is available. Unique identification of TEG calls is not provided.

The System 75 allows for as many as 32 TEGs with up to four members each. An extension number can be assigned to more than one TEG but can have only one appearance of each group.

The TEG members are assigned on an extension number basis. Call reception restrictions applicable to the group are specified by the group Class of Restriction (COR). The group COR takes precedence over an individual member's COR. The members could all be termination restricted but still receive calls if the group is not restricted.

Reproduce a blank form for each group to be implemented.

Hardware Requirements

No additional hardware is required.

Instructions

Make assignments as required for the following fields:

Ž Group Number–enter a group number from 1 to 32.

- Group Extension–enter an unused extension number.

- Group Name–enter up to 15 characters to identify the group.

- Coverage Path–enter a number from **1** to 200 for the call coverage path for this group. (A TEG cannot serve as a coverage point; however, calls to a TEG can redirect to coverage.)

- Security Code–enter a 4-digit security code or leave blank. This code is used for the AP Demand Print feature.

- COR–enter Class of Restriction number (0 to 63) that reflects the desired restrictions. (Default value is 1.)

- Ext–enter the extension number for the members of this group.

- Name–make no entry. The name is automatically assigned when the system is administered.

TERMINATING EXTENSION GROUP

Group Number: __   Group Extension: _____

   Group Name: _____   Coverage Path: _____

Security Code: _____   COR: 1_

GROUP MEMBER ASSIGNMENTS

     E x t   Name   E x t   Name

1 : _____   3 : _____

2 : _____   4 : _____

TABLE OF CONTENTS

PART 5

NON-STANDARD VOICE TERMINAL FORMS

Page

INTRODUCTION

PART 5

OVERVIEW

Part 5 of this Manual provides instructions for implementing voice terminals that are not directly supported by System 75 software; that is, voice terminals that must be implemented using screenforms designated for other voice terminals. Instructions for implementing voice terminals that are directly supported by System 75 software are provided in Part 4.

The following voice terminals are not directly supported:

- Ž AT&T Personal Terminal (PT) Model 510

- Ž 7104A

- 7104A with Message Waiting Adjunct

- Ž 7302H01B

- Ž 7303H01B

- Ž 7305H01B

- Ž 7305H02B

- Ž 7404D

- Ž 7404D Messaging Cartridge with Integrated Directory

HOW TO USE

Install the nonsupported terminal and implement it using the screenform indicated. Be certain to make any required entries described in the instructions.

Hardware Requirements

A Digital Line Circuit Pack TN742 must be installed and connected before the AT&T PT, 7104A, 7404D, and 7404D Messaging Cartridge with Integrated Directory can be implemented.

A Hybrid Line Circuit Pack TN762 must be installed and connected before a 7302H01B, 7303H01B, 7305H01B, or 7305H02B can be implemented.

EXTENSION DETAIL FOR AT&T PERSONAL TERMINAL (PT) MODEL 510s

Purpose

The AT&T PT is administered as a 7405D with a DTDM and a display. Care must be taken when administering the AT&T PT or the display will not function.

Instructions

An alphabetical description of each field on the 7405D Station Form is given below. These descriptions may be referred to when filling out the form.

Ž ABBREVIATED DIALING

– **List 1:, List2:, List3:** allows the voice terminal to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number.

Ž Bridged Call Alerting–allows incoming calls on bridged appearances to alert at this station. (Default is n.)

Ž BUTTON ASSIGNMENTS—allows certain System 75 features and/or functions to be assigned to a voice terminal. The features and functions that can be assigned to the voice terminals are shown in Table 2-B. The table shows the abbreviated name of the feature, the maximum allowed number of features or functions that can be assigned to the voice terminal, and the type of voice terminal it can be assigned to. The abbreviated name must be entered on the button field on the form.

Ž COR is a Class of Restriction number between O and 63 that reflects the desired restriction. (Default value is 1.)

Ž COS is a number between O and 15 that restricts or allows the use of the Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features. (Default value is 1.)

Ž C401A Coverage Module–this field must be "n" for the AT&T PT to function.

Ž Coverage Msg Retrieval Permission–allows a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception. (Default value is y.)

Ž Coverage Path is a coverage path number between 1 and 200.

Ž Data Restriction—prevents tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user. (Default value is n.)

Ž D401A Display Module– allows a 7405D voice terminal to have a Display Module. If a Display Module is assigned, the Digital Display Module Form must be filled out and attached to the Voice Terminal Form. This field must be "y" for the AT&T PT to function.

Ž Extension is a number assigned to a voice terminal. The number must correspond with the Dial Plan Record.

Ž F401A Feature Module—must be "n" for the AT&T PT to function.

- Idle Appearance Preference—indicates which call appearance is selected when the user lifts the handset and there is an incoming call. if "y" is entered, the Appearance Preference is set and the user is connected to an idle call appearance instead of the alerting call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the alerting call appearance. (Default value is n.)

- LWC Activation-allows internal voice terminal users to leave short LWC messages for other internal voice terminal users. (Default value is y.)

- LWC Reception—allows the voice terminal to receive LWC messages from another voice terminal user. Coverage Message Retrieval Permission does not apply if this field is set to "n." (Default value is y.)

- Name is the name of the person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

  The Integrated Directory Feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

  Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

  - Bill J Doe

  - Doe, Bill J

  Ž Bill Doe

Ž Port is a one letter and a 4-digit number. Each 7405D (AT&T PT) voice terminal requires a port on the Digital Line Circuit Pack TN754. (Refer to Port Assignment Record.)

Ž Redirect Notification—causes a half ring to be given at a voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). (Default value is Y.)

- Security Code is a 4-digit security code used to unlock the display for the retrieval of messages for the AP Demand Print feature and voice synthesis retrieval of messages.

- Station Type is the type of voice terminal assigned to the Extension Number.

Ž 701A Data Module–allows a 7403D (AT&T PT) voice terminal to have a Digital Terminal Data Module (DTDM). If a DTDM is assigned, the Data Module Form must be filled out and attached to the Voice Terminal Form. This form is found in the Module/Interface section. This field must be "y" for the AT&T PT to function.

```
                                                                    Page  1  of  y
                                        STATION

       Extension:                 Station Type: 7405D        Port:

            Name :  _____   Coverage Path: _               COS: 1

                                  Security Code:                 COR: 1

    FEATURE OPTIONS

                    LWC Reception? y     Coverage Msg Retrieval Permission? y

                    LWC Activation? y                   Data Restriction? n

            Redirect Notification? y       Idle Appearance Preference n

            Bridged Call Alerting y

                701A Data Module? n            F401A Feature Module? n

            D401A Display Module? n          C401A Coverage Module? n

    ABBREVIATED DIALING

            List1: _____     List2: _____       List3: _____
    BUTTON ASSIGNMENTS

        1:  call-appr                 6: _____

        2:  call-appr                 7: _____

        3:  call-appr                 8: _____

        4:  call-appr                 9: _____

        5: _____               10: _____
```

Note: BUTTON ASSIGNMENTS 5 through 10 must be left blank,

The AT&T Personal Terminal (PT) Model 510

STAT ION

FEATURE   BUTTON   ASSIGNMENTS

1 _____   13 _____

2 _____   14 _____

3 _____   15 _____

4 _____   16 _____

5 _____   17 _____

6 _____   18 _____

7 _____   19 _____

8 _____   20 _____

9 _____   21 _____

10 _____   22 _____

11 _____   23 _____

12 _____   24 _____

Note: FEATURE BUTTON ASSIGNMENTS 10 through 24 must be left blank.

The AT&T Personal Terminal (PT) Model 510

STAT ION

DISPLAY MODULE

Lock   Messages? <u>n</u>

BUTTON   ASSIGNMENTS

1: <u>normal</u>   5: <u>msg-retr</u>

2: <u>inspect</u>   6: <u>next</u>

3: <u>date-time</u>   7: <u>delete-msg</u>

4   <u>cov-msg-rt</u>

The AT&T Personal Terminal (PT) Model 510

```
                                                    Page n of y
                                      STATION
DATA  MODULE

      Data Extension: ____

                    Name : _____     COR : 1      COS : 1

ABBREVIATED  DIALING

 List1: _____         List2: _____        List3: _____

ASSIGNED MEMBERS ( Stations with data extension buttons  for this data module )

        Ext     Name                    Ext      Name

      1: ____                         3: ____

      2: ____                         4: ____
```

EXTENSION DETAIL FOR 7104A AND 7104A WITH MESSAGE WAITING ADJUNCT

Purpose

The 7104A is administered as a 2500. The 7104A \with Message Waiting Adjunct is administered as a 7101A.

Instructions

An alphabetical description of each field on the 2500 and the 7101A Station Form is given below-. These descriptions may be referred to when filling out the form.

- ABBREVIATED DIALING

    - **List1:, List2:, List3:** allows the voice terminal to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number. See Abbrevriated Dialing for instructions on how to construct that list.

- Call Waiting Indication–used to assign the Call Waiting Termination feature to the voice terminal. This feature provides for calls to busy single-line voice terminals to be held waiting. (Default value is y.)

- COR is a Class of Restriction number between O and 63 that reflects the desired restriction. (Default value is 1.)

- COS is a number between O and 15 that restricts or allows the use of the Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features. (Default value is 1.)

- Coverage Msg Retrieval Permission–allows a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception. (Default value is y.)

- Coverage Path is a coverage path number between 1 and 200.

- Data Restriction–prevents tones, such as call waiting tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user. (Default value is n.)

- Distinctive Audible Alert–allows the voice terminal user to receive the three different types of audible alerting patterns that identify the type of incoming calls. Features that provide Distinctive Audible Alerting might function improperly toward an off-premises voice terminal. (Default value is y.)

- Extension is a number assigned to a voice terminal. The number must correspond with the Dial Plan Record.

- HOT LINE DESTINATION

    - **Abbreviated Dialing List Number** is the list number of the abbreviated dialing list that contains the Hot Line Destination. Choose from Listl, List2, or List3. (Enter a number between 1 and 3.)

    - **Dial Code** is the index into the abbreviated dialing list. The dial code yields the digits to be dialed. (Enter O to 60.)

- LWC Activation—allows internal voice terminal users to leave short LWC messages for other internal voice terminal users. (Default value is y.)

- LWC Reception–allows the voice terminal to receive LWC messages from another voice terminal user. Coverage Message Retrieval Permission does not apply if this field is set to "n." (Default value is y.)

ŽName is the name of the person associated, with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

The Integrated Directory Feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first *or* last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

> • Bill J Doe
>
> • Doe, Bill J
>
> **Ž**Bill Doe

ŽOff-Premises Station–identifies a voice terminal connected to System 75, but not located in the same building with the System 75. (Default value is n.)

ŽPort is a one letter and a 4-digit number. Each 2500, 7101A, or 7103A voice terminal requires a port on the Analog Line Circuit Pack TN742. Each TN742 can ring a maximum of four voice terminals at one time. Special consideration should be given to Port selections when more than four voice terminals are expected to ring at once.

- R Balance Network is the network for off-premises terminals. This field must be completed if "y" (yes) was entered in the "Off-Premises Station" field. Enter "y" (yes) to select the R Balance Capacitor network, or "n" (no) to select the standard resistor capacitor network. (Default value is n.)

- Redirect Notification–causes a half ring to be given at a voice terminal when calls to the terminal are redirected (via Call Forwarding or Call Coverage). (Default value is y.)

- Security Code is a 4-digit code used to unlock the display for retrieval of messages and for the AP Demand Print feature and voice synthesis retrieval of messages.

- Station Type–enter the type of voice terminal assigned to the Extension Number ("2500" for a 7104A or "7101A" for a 7104A with Message Waiting Adjunct).

The 7104A

STATION

Extension: Station Type: 2500   Port :

    Name: _____   Coverage Path: _   COS: 1

                        Security Code: COR: 1

FEATURE OPTIONS

          LWC Reception? y   Coverage Msg Retrieval Permission? y

          LWC Activation? y   Data Restriction? n

      Redirect Notification? y   Call Waiting Indication? y

       Off Premise Station? n   Distinctive Audible Alert? y

       R Balance Network? n

ABBREVIATED DIALING

    List1: _____   List2: _____   List3: _____

HOT LINE DESTINATION
      Abbreviated Dialing List Number (From above 1, 2 or 3): _

                            Dial Code: _

EXTENSION DETAIL FOR 7302H01B, 7303H01B, 7305H01B, AND 7305H02B VOICE TERMINALS

Purpose

The MERLIN" communication system 7302H01B and 7303H01B are administered through the 7303S Station Form. The MERLIN system 7305H01B and 7305H02B are administered through the 7305S Station Form.

Differences between the 7302H01B and the 7303H01B systems and the 7303S include:

- The flip-switch used for Program Mode on a 7302H01B does not function when connected to System 75.

- The "Message Waiting Button" on a 7302H01B does not function when connected to a System 75.

- The "stop" and "pause" designations on the Drop and Hold buttons are meaningless when a 7302H01B is connected to System 75.

- The 7302H01B and the 7303H01B is limited to a 1000-foot range which may be extended to 2000 feet using a power adapter.

- The 7302H01B is limited to five Call Appearance/Feature Function buttons.

- The 7302H01B does not have a "Message Waiting Indicator."

- The 7302H01B does not have an LED associated with the Speaker button.

Differences between the 7305H01B and the 7305H02B systems and the 7305S include:

- The flip-switch used for Program Mode on a 7302H01B does not function when connected to System 75.

- The "Message Waiting Button" on a 7302H01B does not function when connected to a System 75.

- The "stop" and "pause" designations on the Drop and Hold buttons are meaningless when a 7302H01B is connected to System 75.

- The 7302H01B and the 7303H01B is limited to a 1000 foot range which may be extended to 2000 feet using a power adapter.

- The 7305H01B does not have LEDs associated with its 24 Feature Function Buttons. The 7305S has one green LED associated with each button. When using the MERLIN system with the System 75, do not use these buttons for features that require visual feedback.

- The 7305H02B has two LEDs associated with each of its 24 Feature Function Buttons. The 7305S has one green LED associated with each button. When using the MERLIN set with the System 75, the red LED will not be used.

Instructions for 7302H01B and 7303H01B

An alphabetical description of each field on the 7303S form is given below. These. description may be used to complete the form.

ŽABBREVIATED DIALING

— List1:, List2:, List3:—allows the voice terminal to have up to three abbreviated dialing lists. Enter "p" for personal, "s" for system, or "g" for group. "Group" also requires the entry of a group number.

ŽBUTTON ASSIGNMENTS—allows certain System 75 features and/or functions to he assigned to a voice terminal. The features and functions that can be assigned to the voice terminals are shown in Tables 2-A through 2-C. The table shows the abbreviated name of the feature, the maximum allow-cd number of features or functions that can be assigned to the voice terminal, and the type of voice terminal it can be assigned to. The abbreviated name must be entered on the button field on the form.

Figure 2-2 shows the voice terminal button number assignments in relation to the button numbers on the Voice Terminal Form. The first three buttons are defaulted as call appearance. There must be at least two call appearances. Use only the first five buttons for a 7302H01B voice terminal.

ŽCOR is a Class of Restriction number between O and 63 that reflects the desired restriction. (Default value is 1.)

ŽCOS is a number between O and 15 that restricts or allows the use of the Automatic Callback, Call Forwarding, Data Privacy, and Priority Calling features. (Default value is 1.)

ŽCoverage Msg Retrieval Permission—allows a user in the voice terminal's Coverage Path to retrieve Leave Word Calling (LWC) messages for the voice terminal. This field only applies if the voice terminal is marked for LWC Reception. (Default value is y.)

ŽCoverage Path is a coverage path number between 1 and 200.

ŽData Restriction–prevents tones, such as Call Waiting Tones, from interrupting this user's conversation. Data restriction provides permanent protection and cannot be changed by the voice terminal user. (Default value is n.)

ŽExtension is a number assigned to a voice terminal. The number must correspond with the Dial Plan Record.

ŽIdle Appearance Preference–indicates which call appearance is selected when the user lifts the handset and there is an incoming call. If "y" is entered, Idle Appearance Preference is set and the user is connected to an idle call appearance instead of the alerting call. If "n" is entered, Alerting Appearance Preference is set and the user is connected to the alerting call appearance. (Default value is n.)

• LWC Activation—allows internal voice terminal users to leave short LIIᶜ messages for other internal voice terminal users. (Default value is Y.)

• LWC Reception–allows the voice terminal to receive LWC messages from another voice terminal user. Coverage Message Retrieval Permission does not apply if this field is set to "n." (Default value is y.)

Ž Name is the name of the person associated with this voice terminal. Up to 15 characters can be used. This field can be shared with a Room #. The name assigned to a voice terminal remains with that voice terminal until it is changed.

The Integrated Directory Feature lists the names as they are entered on the forms. Names can be entered in all upper case letters, all lower case letters, or a mixture of upper and lower case. Also, the first or last name can be entered first and a middle name or initial can be used. Spaces or commas can be used between names.

Periods, hyphens, apostrophes, or other special characters, if used, are discarded by the system when the name is entered into the data base. The following examples show typical entries:

— Bill J Doe

— Doe, Bill J

— Bill Doe

● Port is a one letter and a 4-digit number. Each 7303S and 7305S voice terminal requires a port on the Hybrid Line Circuit Pack. Each 7403D and 74051D voice terminal requires a port on the Digital Line Circuit Pack TN75A. (Refer to Port Assignment Record.)

● Redirect Notification–causes a half ring to be given at a voice terminal w-hen calls to the terminal are redirected (via Call Forwarding or Call Coverage). (Default value is y.)

Ž Security Code is a 4-digit security code used to unlock the display for the retrieval of messages for the AP Demand Print feature.

Ž Station Type is the type of voice terminal assigned to the Extension Number.

The 7302H01B and the 7303H01B

                                   STATION

Extension: Station Type: 7303S   Port : _____

        Name: _____   Coverage Path: _   COS: 1

                                Security Code: COR: 1

FEATURE OPTIONS

            LWC Reception? y   Coverage Msg Retrieval Permission? y

            LWC Activation? y   Data Restriction? n

        Redirect Notification? y   Idle Appearance Preference? n

        Bridged Call Alerting? y

ABBREVIATED DIALING

        List1: _____   List2: _____   List3: _____

BUTTON ASSIGNMENTS

    1: call-appr_   6: _____

    2: call-appr_   7: _____

    3: call-appr_   8: _____

    4: _____   9: _____

    5: _____   10: _____

Note: Leave Button Assignments 6 through 10 blank.

TABLE OF CONTENTS

BLANK FORMS

`

INTRODUCTION

The following blank screenforms are to be removed and reproduced as necessary to implement the System 75. These forms are identical to the forms in Parts 1, 4, and 5 of this manual, and have been arranged alphabetically for easy access. Refer to Parts 1 through 5 for instructions on how to complete each form.

10, 20, or 30 Button MET Voice Terminal

Page 1 of y
                                    STATI0N

Extension: Station Type: <u>30MET</u>   Port:

      Name : _____   Coverage Path: _   COS: <u>1</u>

                              Security Code: _____   COR: <u>1</u>

FEATURE OPTIONS
                LWC Reception?<u>y</u>   Coverage Msg Retrieval Permission? <u>y</u>

                LWC Activation?<u>y</u>   Data Restriction? <u>n</u>

            Redirect Notification?<u>y</u>   Idle Appearance Preference? <u>n</u>

        Bridged Call Alerting? _

ABBREVIATED DIALING

      List1: _____   List2: _____   List3: _____

FEATURE BUTTON ASSIGNMENTS

   1: call-appr_

   2: call-appr_

   3: call-appr_

   4: _____

   5: _____

*10, 20, or 30 **Button MET Voice Terminal***

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____   11: _____

2: _____   12: _____

3: _____   13: _____

4: _____   14: _____

5: _____   15: _____

6: _____   16: _____

7: _____   17: _____

8: _____   18: _____

9: _____   19: _____

10: _____   20: _____

STATION

Extension: Station Type: 2500   Port :

Name : _____   Coverage Path: _   COS: 1

                              Security Code: COR: 1

FEATURE OPTIONS

LWC Reception? y   Coverage Msg Retrieval Permission? y

LWC Activation?, y   Data Restriction? n

Redirect Notification? y   Call Waiting Indication? y

Off Premise Station? n   Distinctive Audible Alert? y

R Balance Network? n

ABBREVIATED DIALING

List1: _____   List2: _____   List3: _____

HOT LINE DESTINATION
    Abbreviated Dialing List Number (From above 1, 2 Or 3) _

                                    Dial Code: _

515 Business Communications Terminal (BCT)

STATION

Extension: xxxx   Station Type: 515   Port :

Name : _____   Coverage Path: ___   COS: 1_

Security Code: COR: 1

FEATURE OPTIONS

LWC Reception? y   Coverage Msg Retrieval Permission? y

LWC Activation? y   Data Restriction? n

Redirect Notification? y   Idle Appearance Preference? n

Bridged Call Alerting? n

ABBREVIATED DIALING

List1: _____   List2: _____   List3: _____

B(JTTON ASSIGNMENTS

1: call-appr   6: _____

2: call-appr   7: _____

3: call-appr   8: _____

4: _____   9: _____

5: _____   10: _____

```
                                                              Page   n   of   y
                                      STAT ION

DISPLAY  MODULE
                              Lock  Messages?  n


BUTTON   ASSIGNMENTS

   1    norms 1                     5 :   msg-retr

   2    inspect                     6 :   next

   3    date-time                   7 :   delete-msg

   4    cov-msg-rt
```

```
                                                    Page  n  of  y
                              STATION

DATA MODULE

    Data Extension:

              Name :    _____      COR : 1        COS : 1

ABBREVIATED DIALING

  List1: _____        List2: _____        List3: _____

ASSIGNED MEMBERS ( Stations with data extension buttons for this data module )

       Ext      Name                          Ext      Name

     1:                                      3:

     2:                                      4:
```

7104A Voice Terminal

STAT ION

Extension: Station Type: 2500   Port :

        Name : _____   Coverage Path: _   COS: 1

                                    Security Code: COR: 1

FEATURE OPTIONS

                LWC Reception? y   Coverage Msg Retrieval Permission? y

                LWC Activation? y   Data Restriction? n

        Redirect Notification? y   Call waiting Indication? Y

            Off Premise Station? n   Distinctive Audible Alert? y

            R Balance Network? n

ABBREVIATED DIALING

    List1: _____   List2: _____   List3: _____

HOT LINE DESTINATION
        Abbreviated Dialing List Number (From above 1, 2 or 3): _

                                            Dial Code: _

7302H01B and 7303H01B Voice Terminals

STATION

Extension   Station Type 7303S   Port _____

       Name _____   Coverage Path   COS 1

                                    Security Code   COR 1

FEATURE OPTIONS

                LWC Reception? y   Coverage Msg Retrieval Permission? y

                LWC Activation? y   Data Restriction? n

        Redirect Notification? y   Idle Appearance Preference? n

        Bridged Call Alerting? y

ABBREVIATED DIALING

    List1: _____   List2: _____   List3: _____

BUTTON ASSIGNMENTS

    1: call-appr_   6: _____

    2: call-appr_   7: _____

    3: call-appr_   8: _____

    4: _____   9: _____

    5: _____   10: _____

7303S **or** *73o5S* **Voice Terminal**

STATION

Extension: Station Type: 7305S   Port :

  Name : _____   Coverage Path: _   COS: 1

                              Security Code: COR: 1

FEATURE OPTIONS

            LWC Reception? y   Coverage Msg Retrieval Permission? y

          LWC Activation? y   Data Restriction? n .

       Redirect Notification? y   Idle Appearance Preference? n

       Bridged Call Alerting?

ABBREVIATED DIALING

     List1: _____   List2: _____   List3: _____
BUTTON ASSIGNMENTS

   1: call-appr   6: _____

   2: call-appr   7: _____

   3: call-appr   8: _____

   4: _____   9: _____

   5: _____   10: _____

73o3S *or 73o5S* *Voice Terminal*

STATION

BUTTON ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3 _____   15: _____

4 _____   16: _____

5 _____   17: _____

6 _____   18: _____

7 _____   19: _____

8: _____   20: _____

9: _____   21: _____

10: _____   22 _____

11: _____   23 _____

12: _____   24: _____

11

7305H01B and 7305H02B Voice Terminals

```
                                                    Page  1  of  y


                              STATION

  Extension:                 Station Type: 7305S        Port :

       Name    _____  Coverage Path: _          COS: 1

                             Security Code:             COR: 1
FEATURE OPTIONS
               LWC Reception? y    Coverage Msg Retrieval Permission? y

               LWC Activation? y                  Data Restriction? n

         Redirect Notification? y       Idle Appearance Preference? n

         Bridged Call Alerting? _
ABBREVIATED DIALING

       List1: _____    List2: _____    List3: _____
BUTTON ASSIGNMENTS

   1: call-appr              6: _____

   2: call-appr              7: _____

   3: call-appr              8: _____

   4: _____             9: _____

   5: _____            10: _____
```

7305H01B and 7305H02B Voice Terminals

STATI0N

BUTTON   ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: _____   18: _____

7: _____   19: _____

8: _____   20: _____

9: _____   21: _____

10: _____   22: _____

11: _____   23: _____

12: _____   24: _____

13

7403D Voice Terminal

```
                                                    Page   1   of   y

                                STATION

 Extension:                Station  Type:  7403D          Port :

      Name :  _____   Coverage  Path:  _            COS: 1

                           Security  Code:_____         COR: 1
FEATURE  OPTIONS

           LWC  Reception? y      Coverage  Msg  Retrieval  Permission?  y

           LWC  Activation? y                    Data  Restriction?  n

       Redirect  Notification? y        Idle  Appearance  Preference?  n

       Bridged  Call  Alerting?  _

       701A  Data  Module? n

ABBREVIATED  DIALING
      List1:  _____      List2:  _____       List3:  _____

BUTTON   ASSIGNMENTS

   1:  call-appr              6:  _____

   2:  call-appr              7:  _____

   3:  call-appr              8:  _____

   4:  _____               9:  _____

   5:  _____              10:  _____
```

7404D Messaging Cartridge with MID

STATION

Extension: xxxx   Station Type: 515   Port :

    Name : _____   Coverage Path: _   COS: 1

                                      Security Code: ____   COR: 1

FEATURE OPTIONS
              LWC Reception? y   Coverage Msg Retrieval Permission? y

              LWC Activation? y   Data Restriction? n

       Redirect Notification? y   Idle Appearance Preference? n

       Bridged Call Alerting? n

ABBREVIATED DIALING

       List1: _____   List2: _____   List3: _____
BUTTON ASSIGNMENTS

  1: call-appr   6: _____

  2: call-appr   7: _____

  3: call-appr   8: _____

  4: _____   9: _____

  5: _____   10: _____

15

7404D Messaging Cartridge with MID

                                    STATION

DISPLAY MODULE

                        Lock Messages? n

BUTTON ASSIGNMENTS

  1:   normal   5: call-disp

  2:   inspect   6: delete-msg

  3:   msg-retr   7: directory

  4:   next

7404D Messaging Cartridge with MID

```
                                                    Page  n  of  y
                              STATION
DATA MODULE

    Data Extension:

              Name :  _____        COR: 1       COS  1
ABBREVIATED DIALING

 List1: _____        List2: _____        List3: _____

ASSIGNED MEMBERS ( Stations with data extension buttons for this data module )

       Ext    Name                    Ext      Name

    1                              3:

    2                              4:
```

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This Page is intentionally blank

7404D Voice Terminal

STATION

Extension: Station Type: <u>7403D</u>   Port:

Name: _____   Coverage Path: _   COS: <u>1</u>

Security Code: COR: <u>1</u>

FEATURE OPTIONS

LWC Reception? <u>y</u>   Coverage Msg Retrieval Permission? <u>y</u>

LWC Activation? <u>y</u>   Data Restriction? <u>n</u>

Redirect Notification? <u>y</u>   Idle Appearance Preference? <u>n</u>

Bridged Call Alerting? _

701A Data Module? <u>n</u>

ABBREVIATED DIALING

List1: _____   List2: _____   List3: _____

BUTTON ASSIGNMENTS

1: <u>call-appr</u>   6: _____

2: <u>call-appr</u>   7: _____

3: <u>call-appr</u>   8: _____

4: _____   9: _____

5: _____   10: _____

7405D Voice Terminal

```
                                                              Page   1   of   y
                                        STATION

  Extension:               Station Type: 7405D         Port:

      Name :                Coverage Path: _              COS: 1

                            Security Code:                COR: 1
  FEATURE OPTIONS

              LWC Reception? y      Coverage Msg Retrieval Permission? y

              LWC Activation? y                     Data Restriction? n

      Redirect Notification? y        Idle Appearance Preference  n

      Bridged Call Alerting y

          701A Data Module? n          F401A Feature Module? n

      D401A Display Module? n          C401A Coverage Module? n
  ABBREVIATED DIALING

      List1: _____      List2: _____      List3: _____
  BUTTON ASSIGNMENTS

    1: call-appr              6: _____

    2: call-appr              7: _____

    3: call-appr              8: _____

    4: _____              9: _____

    5: _____             10: _____
```

7405D Voice Terminal

STATION

FEATURE BUTTON ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: _____   18: _____

7: _____   19: _____

8: _____   20: _____

9: _____   21: _____

10: _____   22: _____

11: _____   23: _____

12: _____   24: _____

ARS Foreign Numbering Plan Area (FNPA)

ARS FNPA TABLE ENTRY

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: .

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: _

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: —

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: .

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: —

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: —

NPA or Service Code:

ARS Pattern Number or RHNPA Table Number: —

ARS Home Numbering Plan Area (HNPA)

ARS HNPA TABLE ENTRY FORM

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

Office Code: _____

ARS Pattern Number: _____

ARS Pattern

ARS PATTERN

Pattern Number: 1

PATTERN ASSIGNMENTS (Enter up to 6)

	Trunk Group	FRL		Trunk Group	FRL
1:	__	__	4:	__	_
2:	_	_	5:	_	_
3:	_ _	_	6:	__	

ARS Prefix Codes

ARS PREFIX CODES

0   Operator Access

0+   Operator Assisted Call

0 1   International Operator

0 1 1 +   International Direct

10 XXX   Long Distance Carrier Dialing

Pattern Number For O, O+, 01, or 011+: ___

Pattern Number For 10xxx: _

ARS Remote Home Numbering Plan Area. (RHNPA)

ARS RHNPA TABLE ENTRY

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

RHNPA Table Number: _

Office Code:

ARS Pattern Number: _

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

RHNPA Table Number: _

Office Code: _

ARS Pattern Number: _

ARS Toll Table

ARS TOLL TABLE ENTRY

To 1 Table Number: _

Office Code: _

Toll? y

Toll Table Number: _

Office Code: _

Toll? y

To 1 Table Number: _

Office Code: _

Toll? y

Toll Table Number: _

Office Code: _

Toll? y

AT&T Personal Terminal (PT) Model 510

```
                                                        Page   1   of   y
                                   STATI0N

     Extension:            Station   Type:  7405D         Port : _____

          Name :  _____      Coverage  Path:  _       COS:  1

                                   Security  Code:            COR: 1

FEATURE  OPTIONS

              LWC Reception?  y      Coverage  Msg  Retrieval  permission?  y

              LWC  Activation?  y                    Data  Restriction?  n

         Redirect  Notification?  y        Idle  Appearance  Preference  n

         Bridged  Call  Alerting  y

           701A  Data  Module?  n              F401A  Feature  Module?  n

        D401A  Display  Module?  n           C401A  Coverage  Module?  n

ABBREVIATED  DIALING

       List1:  _____       List2:  _____       List3:  _____
BUTTON  ASSIGNMENTS

    1:  call-appr                   6 :  _____

    2:  call-appr                   7 :  _____

    3:  call-appr                   8 :  _____

    4:  call-appr                   9 :  _____

    5:  _____                  10:  _____
```

Abbreviated Dialing System List

ABBREVIATED   DIALING   LIST

System   List

DIAL CODE

41: _____   51: _____

42: _____   52: _____

43: _____   53: _____

44: _____   54: _____

45: _____   55: _____

46: _____   56: _____

47: _____   57: _____

48: _____   58: _____

49: _____   59: _____

50: _____   60: _____

Allowed Calls List

ALLOWED CALLS LIST (FOR TOLL RESTRICTION)

AREA/LONG DISTANCE CARRIER CODES (Enter up to 10)

1:                                    6:

2:                                    7:

3:                                    8:

4:                                    9:

5:                                    10:

Announcements

ANNOUNCEMENTS

PORT ASSIGNMENTS

Port	Name		Port	Name
1: _____	_____	6: _____	_____
2: _____	_____	7: _____	_____
3: _____	_____	8: _____	_____
4: _____	_____	9: _____	_____
5: _____	_____	10: _____	_____

ATTENDANT CONSOLE

Console Number: **Port:** ____   **Console Type:** <u>d a y - o n l y</u>

DIRECT TRUNK BUTTON ASSIGNMENTS (Access Code):

1: <u>9</u>   **7:** ____

2: <u>8</u>   **8:** ____

3: <u>7</u>   **9:** ____

4: ____   **10:** ____

5: ____   **11:** ____

6: ____   **12:** ____

HUNDREDS SELECT BUTTON ASSIGNMENTS

1: __   **5:** __

2 __   **6:** __

3 __   **7:** __

4: __   **8:**

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Attendant Console

ATTENDANT CONSOLE

FEATURE BUTTON ASSIGNMENTS

1: split _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: hold _____   18: _____

7: _____   19: forced-rel _____

8: _____   20: _____

9: _____   21: _____

10: _____   22: _____

11: _____   23: night-serv _____

12: _____   24: pos-busy _____

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Attendant Console

ATTENDANT CONSOLE

DISPLAY MODULE BUTTON ASSIGNMENTS

1 : **normal**

2 : **inspect**

3 : **cov-msg-rt**

4 : **next**

5 : **delete-msg**

6 : **call-disp**

7 : **date-time**

8 : **timer**

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Call Coverage Answer Group

```
                                                    Page  1  of  1

                     COVERAGE  ANSWER  GROUP

                    Group  Number: _____

                    Group  Name: _____

GROUP  MEMBER

        E x t                              E x t          Name

  1: _____                         5: _____

  2: _____                         6: _____

  3: _____                         7: _____

  4: _____                         8: _____
```

Call Coverage Path

```
                                                           Page   1   of   1

                          COVERAGE   PATH

                    Coverage   Path  Number :

COVERAGE   CRITERIA

Station/Group   Status       Inside  Cal         Outside   Call

        Active?                  n                      n

          Busy?                  y                      y

Don't  Answer?                   y                      y         Number  of  Rings: 2

          All?                   n                      n

COVERAGE   POINTS

Point1: _____               P0int3: _____

Point2: _____
```

Class of Restriction

CLASS OF RESTRICTION

COR Number: _   FRL: 7

       APLT? <u>y</u>   Calling Party Restriction: <u>none</u>

                                Called   Party   Restriction: <u>none</u>

CALLING PERMISSION (Enter "y" to grant permission to call specified COR)

o? y	8? y	16? <u>y</u>	24? <u>y</u>	32? <u>y</u>	40? <u>y</u>	48? <u>y</u>	56? <u>y</u>
1? <u>y</u>	9? <u>y</u>	17? <u>y</u>	25? y	33? y	41? <u>y</u>	49? <u>y</u>	57? <u>y</u>
2? <u>y</u>	10? y	18? <u>y</u>	26? <u>y</u>	34? y	42? y	50? <u>y</u>	58? y
3? <u>y</u>	11? <u>y</u>	19? <u>y</u>	27? y	35? y	43? <u>y</u>	51? <u>y</u>	59? y
4? y	12? <u>y</u>	20? <u>y</u>	28? y	36? y	44? <u>y</u>	52? <u>y</u>	60? <u>y</u>
5? y	13? <u>y</u>	21? y	29? y	37? y	45? <u>y</u>	53? <u>y</u>	61? <u>y</u>
6? y	14? <u>y</u>	22? <u>y</u>	30? y	38? <u>y</u>	46? <u>y</u>	54? <u>y</u>	62? <u>y</u>
7? y	15? <u>y</u>	23? <u>y</u>	31? y	39? <u>y</u>	47? <u>y</u>	55? <u>y</u>	63? <u>y</u>

Class of Service

CLASS OF SERVICE

COS No.	Automatic Callback	Call Forwarding All Calls	Data Privacy	Priority Calling
0?	n	n	n	n
1?	y	y	y	y
2?	y	n	n	n
3?	n	y	n	n
4?	y	y	n	n
5?	n	n	y	n
6?	y	n	y	n
7?	n	y	y	n
8?	y	y	y	n
9?	n	n	n	y
10?	y	n	n	y
11?	n	y	n	y
12?	y	y	n	y
13?	n	n	y	y
14?	y	n	y	y
15?	n	y	y	y

Code Restriction FNPA Table

```
                                            Page  1  of  1

              CODE  RESTRICTION  FNPA  TABLE  ENTRY

          NPA  or  Service  Code:  _

      Grant  Access  Permission?  n
```

Code Restriction HNPA Table

```
                                          Page 1 of 1

                  CODE RESTRICTION HNPA TABLE ENTRY

            Local Office Code:    ___

      Grant Access Permission?  n
```

Console Parameters

```
                                                        Page  1  of  1

                          CONSOLE  PARAMETERS

                   COS: 1                          COR: 1

Time  Reminder  on  Hold  (see): 30      Queue  Warning  Threshold: 5

   Return  Call  Timeout  (see): 30       Ext  Alert  Port  (TAAS):

         Attendant  Lockout? y

COMMON  SHARED  EXTENSIONS

                   Starting  Extension:          Count: O

    ASSIGNED  MEMBERS  (  Installed  attendant  console  types  )

         1: _____        5: _____

         2: _____        6: _____

         3: _____        7: _____

         4: _____
```

Dial Plan

DIAL PLAN RECORD

Area Code: 000
ARS Prefix 1 Required? n

FIRST DIGIT TABLE

Digit	Identification	Number of Digits	Digit	Identification	Number of Digits
1:	fac	3	7:		_
2:	extension	4	8:		_
3:	extension	4	9:	tac	1
4:	extension	4	0:	attendant	1
5:	extension	4	*:	fac	2
6:			#:	fac	2

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Digit Absorption

DIGIT ABSORPTION

List Number: n

ABSORPTION TREATMENT INFORMATION (All selections must be from same group)

	Choice	Meaning
Group I.	**A**	Digit not absorbed,
	B	Digit absorbed repeatedly.
	c	Digit absorbed once with no further absorption.
Group II.	A	Digit not absorbed.
	D	Digit absorbed only if it is the first digit.
	E	Digit absorbed only if it is the second digit and the first digit was already absorbed
	F	Digit absorbed only if it is the first or second digit.

ABSORPTION TREATMENT ASSIGNMENT (Select treatment (A-F) for each digit below)

O: **A**	2: **A**	4: **A**	6: **A**	8: A
1: **A**	3: **A**	5: **A**	7: **A**	9: **A**

Feature Access Codes (FAC)

FEATURE ACCESS CODE (FAC)

Abbreviated Dialing List1 Access Code: 101

Abbreviated Dialing List2 Access Code: 102

Abbreviated Dialing List3 Access Code: 103

Answer Back Access Code: 120

Auto Route Selection (ARS) Access Code: _

Automat c Callback Activation: *5   Deactivation: # 5

Call Forwarding Activation: *2   Deactivcation: # 2

Call Park Access Code: 115

Call Pickup Access Code: 117

Data Origination Access Code: 134

Data Privacy Access Code: 135

Facility Test Calls Access Code: 197

Group Control Restrict Activation: 125   Deactivation: 1 2 6

Hunt Group Busy Activation: "8   Deactivation: # 8

Feature Access Codes (FAC)

FEATURE ACCESS CODE (FAC)

Last Number Dialed Access Code:	*9
Leave Word Calling Message Retrieval Lock:	*1
Leave Word Calling Message Retrieval Unlock:	#1
Leave Word Calling Send A Message:	*4
Leave Word Calling Cancel A Message:	#4
Print Messages Access Code:	
Priority Calling Access Code:	*7
Program Access Code:	*0
Send All Calls Activation:	*3 Deactivation: #3
SMDR Account Code Access Code:	*6
Trunk Answer Any Station Access Code:	112
User Control Restrict Activation:	105 Deactivation: 106

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Feature Related System Parameters

```
                                                      Page  1  of  2

              FEATURE-RELATED  SYSTEM  PARAMETERS


                                      Trunk-to-Trunk  Transfer?       n

  Coverage -   Don't Answer Interval for Subsequent Redirection (rings):   2

                 Coverage  -  Caller  Response  Interval  (sees):     4

         Automatic  Callback  -  No  Answer  Timeout  Interval  (rings):    3

                        call  park  Timeout  Interval  (minutes):    1 0

                                          Music on Hold Port:       ___

                                DID  Intercept  Treatment:  O

              Extension  of  700A  Data  Module  Used  by  AP:_____
```

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Feature Related System Parameters

FEATURE-RELATED SYSTEM PARAMETERS

LEAVE WORD CALLING PARAMETERS

Max. Number of Messages Per Station (doesn't apply when AP is in service): 1 0

    Stations with System-wide Retrieval Permission (enter extension)

       1:        3:   5:   7:   9:

       2:        4:   6:   8:   10:

SMDR PARAMETERS

    Output Device: _____   Output Device Ext: Printer Width: 8 0

SMDR REPORT PARAMETERS

                SMDR Account Code Length: 2

                Record Outgoing Calls Only? y

        Suppress SMDR for Ineffective Call Attempts? y

L

Hunt Groups

HUNT GROUP

Group Number: _____   Group Extension: _____   Group Type: u c d

Group Name: _____   Coverage Path: _____   COR: 1

Security Code: _____   Message Center? n   Queue? y

Queue Length: 1   Queue Warning Threshold: _____   Queue Warning Port: _____

Announcement Number: ____ Announcement Delay (see): _____

GROUP MEMBER ASSIGNMENTS

	Ext	Name		Ext	Name
1:			9:		
2:			10:		
3:			11:		
4:			12:		
5:			13:		
6:			14:		
7:			15:		
6:			16:		

Hunt Groups

HUNT GROUP

Group Number: __

Group Extension:

Group Type __

GROUP MEMBER ASSIGNMENTS

Ext	Name		Ext	Name
17:			25:	
18:			26:	
19:			27:	
20:			28:	
21:			29:	
22:			30:	
23:			31:	
24:			32:	

Intercom Groups

INTERCOM GROUP

Group Number: __

Length of Dial Code: 1

GROUP MEMBER ASSIGNMENTS

Ext	DC	Name		Ext	DC	Name
1:				**9:**		
2:				**10:**		
3:				**11:**		
4:				**12:**		
5:				**13:**		
6:				**14:**		
7:				**15:**		
8:				**16:**		

Intercom Groups

INTERCOM GROUP

Group Number: _

Length of Dial Code: <u>1</u>

GROUP MEMBER ASSIGNMENTS

	Ext	DC	Name		Ext	Dc	Name
17:		——		25:		_	
18:		——		26:		_	
19:		——		27:		_	
20:		——		28:		_	
21:		——		29:		_	
22:		——		30:		_	
23:		——		31:		_	
24:		——		32:		_	

Listed Directory Numbers

```
                                             Page  1  of  1

                    LISTED DIRECTORY NUMBERS


        E x t      Name                          E x t     N a m e

   1 :                                        5 :  __
                    _____                          _____

   2 :                                        6 :  __
                    _____                          _____

   3 :                                        7 :  __
                    _____                          _____

   4 :                                        8 : ___
                    _____                          _____

                        Night Destination:  _____
```

Loudspeaker Paging and Code Calling Access

```
                         LOUDSPEAKER   PAGING

                              SMDR?  y

              Voice  Paging  Timeout  (sec):  _

              Code  Calling  Playing  Cycles:  _ _

PAGING PORT ASSIGNMENTS
```

		Voice	Paging	Code	Calling	
Zone	Port	TAC	COR	TAC	COR	Location
1:	____		—	—	—	Paging _____
2:		—	.	—	—	Paging _____
3:			—	—	—	Paging _____
4:	____	—	—	—	—	Paging _____
5:			.	—	—	Paging _____
6:			—	—	—	Paging _____
7:	____		—	—	—	Paging _____
8:		—	—	—	—	Paging _____
9:			—	—	—	Paging _____
ALL :		—	—	—	—	Paging _____

Loudspeaker Paging and Code Calling Access

CODE CALLING IDs

ID ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
111:		141:		221:		251:		331:	
112:		142:		222:		252:		332:	
113:		143:		223:		253:		333:	
114:		144:		224:		254:		334:	
115:		145:		225:		255:		335:	
121:		151:		231:		311:		341:	
122:		152:		232:		312:		342:	
123:		153:		233:		313:		343:	
124:		154:		234:		314:		344:	
125:		155:		235:		315:		345:	
131:		211:		241:		321:		351:	
132:		212:		242:		322:		352:	
133:		213:		243:		323:		353:	
134:		214:		244:		324:		354:	
135:		215:		245:		325:		355:	

Loudspeaker Paging and Code Calling Access

CODE   CALLING   IDs

ID   ASSIGNMENTS

Id	Ext	Id	Ext	Id	Ext	Id	Ext	Id	Ext
411:		431:		451:		521:		541:	
412:		432:		452:		522:		542:	
413:		433:		453:		523:		543:	
414:		434:		454:		524:		544:	
415:		435:		455:		525:		545:	
421:		441:		511:		531:		551:	
422:		442:		512:		532:		552:	
423:		443:		513:		533:		553:	
424:		444:		514:		534:		554:	
425:		445:		515:		535:		555:	

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Modules—Call Coverage

STATION

COVERAGE MODULE BUTTON ASSIGNMENTS

1: _____   11: _____

2: _____   12: _____

3: _____   13: _____

4: _____   14: _____

5: _____   15: _____

6: _____   16: _____

7: _____   17: _____

8: _____   18: _____

9: _____   19: _____

10: _____   20: _____

```
                                                       Page  1  of  1

                              DATA MODULE

   Data Extension: xxxx              Type:  data-channel      Channel:  01

          Name :  _____     COS: 1                 COR: 1

ABBREVIATED  DIALING

  List1: _____       List2: _____      List3: _____


ASSIGNED  MEMBERS  ( Stations  with  a  data  extension  button  for  this  data  module  )

          Ext     Name                       Ext     Name
     1:                                  3:

     2:                                  4:
```

```
                                                       Page  1  of  1

                              DATA MODULE

   Data Extension: Xxxx              Type:  data-channel      Channel:  02

          Name:  _____      COS: 1                 COR: 1

ABBREVIATED  DIALING

  List1: _____       List2: _____      List3: _____


ASSIGNED  MEMBERS  ( Stations  with  a  data  extension  button  for  this  data  module  )

          Ext     Name                       Ext     Name
     1:                                  3:

     2:                                  4:
```

DATA MODULE

Data Extension: xxxx   Type: data-channel   Channel: 03

        Name : _____   Cos: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

 List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

     Ext   Name   Ext   Name
   1:   3 :

   2   :   4 :

DATA MODULE

Data Extension: xxxx   Type: data-channel   Channel: 04

        Name : _____   COS: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

 List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

     Ext   Name   Ext   Name
   1:   3 :

   2:   4 :

Modules—Display

STATI0N

DISPLAY MODULE

Lock Messages? <u>n</u>

BUTTON ASSIGNMENTS

1: <u>norma1</u>   5: <u>msg-retr</u>

2: <u>inspect</u>   6: <u>next</u>

3: <u>date-time</u>   7: <u>delete-msg</u>

4: <u>cov-msg-rt</u>

Modules—Feature

STATION

FEATURE MODULE BUTTON ASSIGNMENTS

1: _____   13: _____

2: _____   14: _____

3: _____   15: _____

4: _____   16: _____

5: _____   17: _____

6: _____   18: _____

7: _____   19: _____

8: _____   20: _____

9: _____   21: _____

10 _____   22: _____

11 _____   23: _____

12: _____   24: _____

Modules—Interface

DATA MODULE

Data Extension: xxxx   Type: interface

              Name: _____   COS: 1   COR: 1

ABBREVIATED DIALING

  List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

        Ext   Name   Ext   Name
    1:   3:

    2:   4:

Modules—Processor Data/Trunk Data/Digital Terminal Data

DATA MODULE

Data Extension: Xxxx   Type: <u>700A or 700B</u>   Port :

        Name : _____   COS: <u>1</u>   COR: <u>1</u>

ABBREVIATED DIALING

List1: _____   List2: _____   List3: _____

ASSIGNED MEMBERS (Stations with a data extension button for this data module)

        Ext   Name   Ext   Name
  1:                              3:

  2:                              4:

Personal Central Office Line Groups—CO and FX

PERSONAL CO LINE GROUP

Group Number: _   Group Type: c o   SMDR Reports? y

Group Name: Outside-Call   Coverage Path: _____   TAC : ____

Security Code: _____   Outgoing Display? n   Data Restriction? n

TRUNK PARAMETERS

Trunk Type: _____

Trunk Port: _____   Disconnect Timing(msec): 500

Trunk Name: _____   Trunk Termination: rc____

Outgoing Dial Type: tone____

Prefix-1? n

ASSIGNED MEMBERS (Stations with a button for this PCOL Group)

Ext   Name   Ext   Name

1:   3:

2:   4:

PERSONAL CO LINE GROUP

Group Number : _   Group Type: wats   SMDR Reports? y

  Group Name: Outside-Call   Coverage Path: _   TAC: _

Security Code   Outgoing Display? n   Data Restriction? n

TRUNK PARAMETERS
            Trunk Type: _____

            Trunk Port: Disconnect Timing(msec): 500

            Trunk Name: _____   Trunk Termination: rc____

     Outgoing Dial Type: tone__

ASSIGNED MEMBERS (Stations with a button for this PCOL Group)

          Ext   Name   Ext   Name

     1:                                3:

     2:                                4:

Pickup Group

PICKUP GROUP

Group   Number: _

GROUP MEMBER ASSIGNMENTS

Ext	Name		Ext	Name
1:			14:	
2			15:	
3			16:	
4			17:	
5:			18:	
6:			19:	
7:			20:	
8:			21:	
9:			22:	
10:			23:	
11:			24:	
12:			25:	
13:				

Pooled Modem

POOLED   MODEM

Receiver Responds to Remote Loop? <u>n</u>   Loss of Carrier Disconnect? <u>y</u>

Send Space Disconnect? <u>y</u>   Receive Space Disconnect? <u>y</u>

CF-CB Common? <u>y</u>

BOARD ASSIGNMENTS

	Board Location		Board Location
1:		9:	_
2:		10:	
3:		11:	
4:	_	12:	_
5:	_	13:	_
6:	_	14:	
7:	_	15:	
8:		16:	_

Port Assignment Record

CARRIER ___

PORT ASSIGNMENT RECORD

Slot	Port	Jack*	Terminal Old	Terminal New	Bldg. Flr. Rm.	Voice Terminal Type	Voice Terminal Color	Voice Terminal Adjunct	Module	Power*		User Name/Use
___ Slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											
___ Slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											
___ Slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											
___ Slot	01											
	02											
	03											
	04											
	05											
	06											
CKT PK	07											
Type	08											

Remote Access

REMOTE ACCESS TO AN INTERNAL STATION

Remote Access Extension:

Barrier Code Length: <u>4</u>

BARRIER CODE ASSIGNMENTS (Enter up to 10)

	Barrier Code	COR		Barrier Code	COR
1:	_____	<u>1</u>	6:	_____	<u>1</u>
2:	_____	<u>1</u>	7:	_____	<u>1</u>
3:	_____	<u>1</u>	8:	_____	<u>1</u>
4:	_____	<u>1</u>	9:	_____	<u>1</u>
5:	_____	<u>1</u>	10:	_____	<u>1</u>

Terminating Extension Group

TERMINATING EXTENSION GROUP

Group Number: __   Group Extension:

   Group Name: _____   Coverage Path:

Security Code: _____   COR: 1_

GROUP MEMBER ASSIGNMENTS

       Ext   Name   Ext   Name

  1:                           3:

  2:                           4:

Trunk Form—CO

```
                          TRUNK GROUP                    Page  1  of  3

Group  Number: _              Group  Type: c o          SMDR  Reports? y

   Group  Name: OUTSIDE  CALL          COR : 1                    TAC :

      Direction: two-way  Outgoing  Display? n       Data  Restriction? n

 Dial  Access? y          Busy  Threshold: 6 0        Night  Service: 0

 Queue  Length: 0        Terminating  NPA:       Incoming  Destination: 0

  Prefix  Mark: 0     Toll  Table  Reference:      Digit  Absorption  List: _

     Prefix-1? n             Restriction:  code

TRUNK  PARAMETERS

        Trunk  Type: _____

Outgoing  Dial  Type: tone____

 Trunk  Termination: r c ____         Disconnect  Timing(msec): 500
```

Trunk Form—CPE

```
                          TRUNK GROUP                    Page  1  of  3

   Group  Number: _               Group  Type: cpe      SMDR  Reports? y

     Group  Name: OUTSIDE  CALL          COR: 1               TAC :

                              Outgoing  Display?  n     Data  Restriction?  n

   Dial  Access? y          Busy  Threshold: 60

   Queue  Length: 0


   TRUNK  PARAMETERS


                                              Disconnect  Timing(msec):_____

                                              End-to-End    Signaling(msec):    60
```

Trunk Form—DID

```
                              TRUNK GROUP                    Page  1  of  3

     Group  Number:  _              Group  Type: did         SMDR  Reports?  y

        Group  Name:  OUTSIDE CALL            COR:  1                  TAC :  _

                                                      Data  Restriction?  n


     TRUNK  PARAMETERS

               Trunk  Type:  _____    Interdigit  Timing(sec):  5
                                                                       .
                                              Incoming  Dial  Type:  tone

        Trunk  Termination:  rc             Disconnect  Timing(msec):  500

           Dig t  Treatment:  _____                      Digits:
```

Trunk Form—FX

```
                              TRUNK GROUP                      Page  1  of  3

     Group Number: _              Group Type: fx        SMDR Reports? y

       Group Name: OUTSIDE CALL        COR: 1                     TAC:

         Direction: two-way     Outgoing Display? n     Data Restriction? n

     Dial Access? y           Busy Threshold: 6 0        Night Service: O

     Queue Length: O         Terminating NPA: _     Incoming Destination: O

     Prefix Mark: O     Toll Table Reference:     Digit Absorption List: _

         Prefix-1? n            Restriction: code

     TRUNK PARAMETERS

             Trunk Type: _____

     Outgoing Dial Type: tone

       Trunk Termination: rc            Disconnect Timing(msec): 500
```

Trunk Form—TIE

TRUNK GROUP

Group Number: __   Group Type: tie   SMDR Reports? _

Group Name: OUTSIDE CALL   COR: 1   TAC :

Direction: two-way Outgoing Display? n   Data Restriction? n

Dial Access? y   Busy Threshold: 60   Night Service: O

Queue Length: 0   Internal Alert? _ Incoming Destination: O

Comm Type:

TRUNK PARAMETERS

Trunk Type(in/out): _____   Interdigit Timing(sec): 5

Outgoing Dial Type: tone   Incoming Dial Type: tone

                                   Disconnect Timing(msec): 500

ABBREVIATED DIALING

LIST 1: _____   LIST 2: _____   LIST 3: _____

Trunk Form— WATS

TRUNK GROUP

Group Number: _   Group Type: wats   SMDR Reports? y

Group Name: <u>OUTSIDE CALL</u>   COR: <u>1</u>   TAC:

Direction: <u>two-way</u> Outgoing Display? <u>n</u>   Data Restriction? <u>n</u>

Dial Access? <u>y</u>   Busy Threshold: <u>6</u>0   Night Service: O

Queue Length: <u>O</u>   Terminating NPA: <u>2</u>12 Incoming Destination: O

Prefix Mark: <u> </u>   Toll Table Reference: <u> </u>

TRUNK PARAMETERS
Trunk Type: <u>   </u>

Outgoing Dial Type: <u>tone   </u>   Disconnect Timing(msec): <u>500   </u>

Trunk Termination: <u>rc   </u>

Trunk Form—Pages 2 and 3

GROUP MEMBER ASSIGNMENTS

Port	Name		Port	Name
1:	_____		16:	_____
2:	_____		17	_____
3:	_____		18	_____
4:	_____		19	_____
5:	_____		20	_____
6:	_____		21	_____
7:	_____		22	_____
8:	_____		23	_____
9:	_____		24	_____
10:	_____		25	_____
11:	_____		26	_____
12:	_____		27	_____
13:	_____		28	_____
14:	_____		29	_____
15:	_____		30	_____

GROUP MEMBER ASSIGNMENTS

Port	Name		Port	Name
31:	_____		46:	_____
32:	_____		47:	_____
33:	_____		48:	_____
34:	_____		49:	_____
35:	_____		50:	_____
36:	_____		51:	_____
37:	_____		52:	_____
38:	_____		53:	_____
39:	_____		54:	_____
40:	_____		55:	_____
41:	_____		56:	_____
42:	_____		57:	_____
43:	_____		58:	_____
44:	_____		59:	_____
45:	_____		60:	_____