



Centrex Management System

DMS-100 Feature Supplement

Release v9.8

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AAB - Automatic Answer Back

Automatic Answer Back allows any telephone calls coming to the user on the primary telephone number to be automatically answered in four seconds. The telephone conversation takes place using a hands free unit and ends when the caller hangs up.

Available for: BSET and some ISDN sets.

- ▶ AAB may be assigned to a vacant key or assigned as a station feature which allows you to use AAB by dialing a special code.
- ▶ AAB will be available to all the directory numbers on the user's set as well as any new telephone numbers added to the user's set after this feature has been turned on.

Limitations/Incompatibilities:

AAB is compatible only with M5112, M5312,M5316, M6310, M6320 sets and ISDNKSET.

AAB can be active along with any type of Call Forwarding. It takes precedence over Call Forward Don't Answer (CFD).

AAB is incompatible with the following features: Electronic Key Telephone Service Hold (EHLN) and Multiple Appearance Directory Numbers (MADN), PBL - Private Business Line.

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AAB is incompatible with the following features: Electronic Key Telephone Service Hold (EHLN) and Multiple Appearance Directory Numbers (MADN), PBL - Private Business Line.

ACB Parameters field descriptions:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA) - (NOAMA)**

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

ACOU - Additional Call Offering Unrestricted

Additional Call Offering Unrestricted notifies the station of an incoming call when all user subscribed B- channels over which the call can be offered, are in use.

Available for Set Type: ISDN and NISDN sets

- ▶ Additional information is required to activate the ACOU feature on a set. After you select the ACOU option, an ACOU Parameters page will display. Use this page to create new or modify existing feature data.

Limitations/Incompatibilities

ACOU may only be assigned to telephone numbers on non-EKTS Functional sets.

ACOU is incompatible with Directory Number Hunt (DNH), DLH, Multiple Appearance Directory Number (MADN), MLH, or Series Completion (SCMP).

ACOU Parameters Field Description:

Notification Busy Limit - Allows you to set the numbers of calls that will be allowed to hold.

Enter a value from 0 - 15.

CMD Notification Busy Limit - Circuit Mode Data Notification Busy Limit. This field is required by the switch but is currently not supported in the Centrex management system. Valid values are 0 and blank.

ACR - Anonymous Call Rejection

The Anonymous Call Rejection (ACR) feature rejects incoming calls if the calling number is marked private or cannot be identified. Rejected calls are automatically forwarded to a rejected call message.

Available for: SLS, BSET

- ▶ The user only receives calls for which the identity of the calling party is available.
- ▶ Additional information is required to activate the ACR feature on a BSET. After you select the ACR option, an ACR Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

If ACR is being assigned to a MADN line, it must be the primary member.

ACR is incompatible with the following features: Group Intercom (GIC) and Uniform Call Distribution (UCD).

Business Sets Only

If ACR is being assigned as a station feature, it must be assigned to key 1.
The ACR Keylist can not contain a Single Line Set (SLS) telephone number with the UCD feature assigned.

ACR Parameters

There are no fields available for this feature, except for the ability to make a Keylist.

AFC - Additional Functional Calls

Additional Functional Calls (AFC) allows multiple calls on a single directory number.

Available for: ISDN only

- ▶ AFC can be assigned to one or more directory numbers appearing on your set.
- ▶ If you want to assign four (4) additional calls to a directory number that appears on key two, then keys three through six must be vacant.
- ▶ Additional information is required to activate the AFC feature on a set. After you select the AFC option, an AFC Parameters page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

AFC is only supported on EKTS functional ISDN terminals for BCS32 (switch software version) and prior. For BCS33 and later, AFC is supported on EKTS and non-EKTS functional terminals.

For each DN, the AFC appearances must be contiguous.

To assign AFC to a DN appearance on an EKTS terminal, the total number of concurrent calls must be less than 5, and the sum of the keys assigned or pending assignment is less than 64 or the value of the Total # of Keys field, whichever is less.

AFC is incompatible with the following features: Multiple Appearance Directory Number (MADN) and hunting.

AFC Parameters Field Description:

Number Additional Calls - Assigns the number of additional calls that may be received by the station.

Enter the appropriate number between 1-4.

ANSP - Auto Inspect

The Auto Inspect (ANSP) feature can be assigned to a line to prevent interruptions from callers using Call Waiting or Call Waiting Originating (CWO) features.

Available for: BSET

- ▶ Additional information is required to activate the ANSP feature on a set. After you select the ANSP option, an ANSP Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

ANSP must be assigned as a key 1 station feature.

Key number one must be in the key list.

Multiple Appearance Directory Numbers (MADN) secondary members can be in the Keylist only on Keys 2-9.

ANSP Parameters Field Descriptions:

Display Call Waiting - Check this box to activate the Auto Inspect (ANSP) feature.

Available Buttons:

Keylist (BSET only)

AR - Automatic Recall

The Automatic Recall (AR) option allows a customer to place a call to the last station that called the customer without having to know the telephone number of that call.

Available for: SLS

- ▶ The customer dials a fixed activation code to invoke the AR feature.
- ▶ If the destination line is busy, then AR monitors it until the line becomes idle and can accept the call.
- ▶ When both lines are idle, the calling party hears a special ring.
- ▶ When the caller picks up the set the called party's line rings.
- ▶ The AR subscriber may cancel the request by dialing the deactivation code.
- ▶ Additional information is required to activate the AR feature on a set. After you select the AR option, an AR Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Single Line Sets Only

AR is incompatible with the following features: Multiple Appearance Directory Number (MADN) MCA, Automatic Line (AUL), Ring Again (RAG), or Denied Originate (DOR).

Business Sets Only

AR is available as a Station feature. AR is incompatible with the following features: Last Number Redial (LNR), AUL, or DOR.

NISDN Sets Only

AR is available as a Station feature. AR is incompatible with the following features: Call Appearance Call Handling MADN (MADN CACH) non-primary members, MADN Single Call Arrangement (MADN SCA) non-primary members, MADN Multiple Call Arrangement (MADN MCA), Denied Termination (DTM), AUL, or DOR.

AR Parameters dialog box fields:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are (AMA) - (NOAMA)

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

AUD - Automatic Dial

The Automatic Dial (AUD) feature allows you to automatically dial a person by pressing a key on your set.

Available for: BSET and ISDN

When you assign AUD to a key, you may use this feature with any DNs appearing on your set, or any DNs that are added to your set after you turn this feature on.

AUL - Automatic Line

When the Automatic Line (AUL) feature is assigned to a telephone, that phone automatically dials a preset number when it goes off-hook.

Available for: SLS, BSET, ISDN, NISDN

- ▶ AUL can be assigned to a directory number.
- ▶ Additional information is required to activate the AUL feature on a set. After you select the AUL option, an AUL Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

AUL is incompatible with the following features: Automatic Call Back (ACB), Automatic Recall (AR), Customer Originated Trace (COT), Calling Number Delivery Blocking (CNDB), Dial Call Waiting (CWD), Directed Call Pickup Barge-in (DCBI), Directed Call Pickup (DCPU), Denied Originate (DOR), Last Number Redial (LNR), Private Business Line (PBL), Speed Call Long (SCL), Speed Call Short (SCS), and Speed Call User (SCU), Uniform Call Distribution (UCD).

Business and ISDN Sets

AUL is available as a Directory Number (DN) feature. Up to 18 digits may be stored against a Multiple Appearance Directory Number (MADN) AUL key.

AUL Parameters dialog box field:

Automatic Line TN - When the Automatic Line feature is activated, a connection will be made to the specified AUL telephone number as soon as the primary station goes off hook.

Enter the 1-18 digit telephone number in the text box.

BLF - Busy Lamp Feature

The Busy Lamp Field (BLF) feature uses a BSET lamped key to monitor the status of a specified directory number (DN).

Available for: BSET only

- ▶ The lamp is lit when the monitored DN is off hook or is using Make Set Busy (MSB) or Do Not Disturb (DND).
- ▶ BLF allows the monitor to call or transfer calls to the specified DN.
- ▶ Additional information is required to activate the BLF feature on a set. After you select the BLF option, an BLF Parameters page will display. Use this box to create new or modify existing feature data.

BLF Parameters dialog box fields:

Monitored TN - The Monitored TN field is required when the Busy Lamp Field (BLF) feature is activated. This field specifies the telephone number that will be monitored by the Station User.

Enter the 1-7 digit telephone number in the text box.

BLOCKCDN - Block Called Party Number

Block Called Party Number blocks the delivery of the called party number information. When the BLOCKCDN option is assigned to an ISDN set, calls no longer terminate to that set. The ISDN set becomes an originate-only set; that is, calls can be made from the set, but cannot receive calls. All calls to a telephone number with this option assigned receive a busy signal.

Available for Set Type: NISDN sets

Limitations/Incompatibilities

BLOCKCDN is compatible with an LTCLASS set to BRAFS.

BLOCKCGN - Block Calling Party Number

Block Calling Party Number blocks the delivery of the calling party number information. The BLOCKCGN option controls delivery of the calling party number at the terminating end. Assigning this feature prevents the calling party number from being displayed to that user.

Available for Set Type: NISDN sets

Limitations/Incompatibilities

BLOCKCGN is compatible with an LTCLASS set to BRAFS.

CB - Call Block

The Call Block (CB) feature rejects incoming calls from a set of previously identified directory numbers (DN).

Available for: SLS, BSET, ISDN

- ▶ Use the Screening List Editing (SLE) feature to build the list of rejected directory numbers. SLE is a switch function and not assigned through Centrex Management System. Further information and access codes may be obtained from your Local Exchange Carrier.

Limitations/Incompatibilities

CB cannot be assigned to members of Multiple Appearance Directory Number (MADN) multiple call arrangement (MCA) groups.

CB cannot be assigned to MADN single call arrangement (SCA) non-primary numbers.

CB is incompatible with the following features: Denied Incoming (DIN).

Business Sets Only

CB is available as a Directory Number (DN) feature. CB is incompatible with the following features: CF for Secondary MADN Members (CFSMADN), and EHLD.

ISDN Sets Only

CB is available as a DN feature.

CBE - Call Forward Busy External

Call Forward Busy External (CBE) defines the restrictions you place on your calls that are forwarded because your telephone is busy, or you do not answer. The CBE feature restricts you from forwarding calls from outside your customer group. The Call Forward Busy feature must be activated to turn on CBE.

Available for: SLS, BSET, ISDN/NISDN

- ◆ This feature is assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- ◆ When you assign CBE, you can designate some or all of the directory numbers on your set to have access to this feature. If you are served with a standard key list option, the DNs that have access to this feature will be the same for all call forwarding features. If you are served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- ◆ In order to activate or deactivate the CBE option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- ◆ CBE is incompatible with the following features: Call Forward Busy Internal (CBI), Directory Number Hunt (DNH).

- ◆ CBE may only be assigned to the primary member of a Multiple Appearance Directory Number (MADN) group.

Business and ISDN Sets Only

- CBE is incompatible with Internal/External Split of CF Busy (IECFB). CBE may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CBE may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal (via the Keylist of the CFB feature).

CBI - Call Forward Busy Internal

Call Forward Busy Internal (CBI) defines the call restriction you want to place on your calls that are forwarded because your telephone is busy, or you do not answer. The CBI feature will prevent you from forwarding intragroup calls. The Call Forward Busy feature must be activated to turn on CBI.

Available for: SLS, BSET and ISDN

- CBI can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- When you assign CBI, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- In order to activate or deactivate the CBI option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- CBI is incompatible with the following features: Call Forward Busy External (CBE), Directory Number Hunt (DNH).
- CBI may only be assigned to the primary member of a Multiple Appearance Directory Number (MADN) group.
Business and ISDN Sets Only (Not currently available)
- CBI is incompatible with Internal/External Split of CF Busy (IECFB). CBI may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CBI may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal (Keylist via the CFB feature).

CBU - Call Forward Busy Unrestricted

Call Forward Busy Unrestricted (CBU) defines the call restriction placed on calls that are forwarded because your telephone is busy or you do not answer. The CBU feature forwards your calls to another telephone within or outside your customer group. The Call Forward Busy feature must be activated to turn on CBU.

Available for: SLS

- This feature can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you activate it by dialing a special code.

- When you assign CBU, you designate some or all of the directory numbers on your set to have access to this feature. If you are served with a standard key list option, the DNs that have access to this feature will be the same for all call forwarding features. If you are served with the enhanced key list option, you can designate a unique set of DNs that have access to this feature.
- In order to activate or deactivate the CBU option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- When Call Forward Busy (CFB) is deleted, CBU is automatically removed.
- CBU is incompatible with Directory Number Hunt (DNH).
- CBU may only be assigned to the primary member of a Multiple-Appearance Directory Number (MADN) group. **(Not currently available)**

CDE - Call Forward Don't Answer External

Call Forward Don't Answer External (CDE) define the restrictions you place on your calls that are forwarded because your telephone is busy, or you do not answer. The CDE feature restricts you from forwarding calls from outside your customer group. The Call Forward Don't Answer feature must be activated to turn on CDE.

Available for: SLS

- This feature can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- When you assign CDE, you can designate some or all of the directory numbers on your set to have access to this feature. If you are served with a standard key list option, the DNs that have access to this feature will be the same for all call forwarding features. If you are served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- In order to activate or deactivate the CDE option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- CDE is incompatible with the following features: Call Forward Don't Answer Internal (CDI).
Business and ISDN Sets Only (Not currently available)
- CDE is incompatible with Internal/External Split of CF Do Not Answer (IECFD). CDE may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CDE may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal (via the Keylist of the CFD feature).
- CDE may only be assigned to the primary member of a MADN group.

CDI - Call Forward Don't Answer Internal

Call Forward Don't Answer Internal (CDI) defines the call restriction you want to place on your calls that are forwarded because your telephone is busy, or you do not answer. The CDI feature will prevent you from forwarding intragroup calls. The Call Forward Don't Answer feature must be activated to turn on CDI.

Available for: SLS, BSET and ISDN

- This feature can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- When you assign CDI, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- In order to activate or deactivate the CDI option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- CDI and Call Forward Don't Answer External (CDE) cannot both be activated on the same station.
Business and ISDN Sets Only (Currently Not Available)
- CDI may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CDI may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal (Keylist via the CFD feature).
- CDI may only be assigned to the primary member of a Multiple Appearance Directory Number (MADN) group.

CDU - Call Forward Don't Answer Unrestricted

Call Forward Don't Answer Unrestricted (CDU) defines the call restriction placed on calls that are forwarded because your telephone is busy or you do not answer. The CDU feature forwards your calls to another telephone within or outside your customer group. The Call Forward Don't Answer feature must be activated to turn on CDU.

Available for: SLS

- This feature can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you activate it by dialing a special code.
- When you assign CDU, you designate some or all of the directory numbers on your set to have access to this feature. If you are served with a standard key list option, the DNs that have access to this feature will be the same for all call forwarding features. If you are served with the enhanced key list option, you can designate a unique set of DNs that have access to this feature.
- In order to activate or deactivate the CDU option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- CDU requires Call Forward Don't Answer (CFD) to be assigned to the station.
- When CFD is deleted, CDU is automatically removed.

CF - Call Forwarding

The Centrex Management System supports multiple call forwarding options under the umbrella category of Call Forwarding (CF).

Available for: SLS, BSET, ISDN, NISDN

- ▶ In order to activate or deactivate Call Forwarding options, go to the Call Forwarding_Parameters dialog box.
- ▶ The Bulk - Call Forwarding Parameters dialog box is used to change CF features for Bulk groups.

Limitations/Incompatibilities

Business Sets, ISDN, NISDN Sets Only

CF is available as a Station or a key feature.

CF is incompatible with PBL - Private Business Line

Call Forwarding Features:

- Call Forward Busy Unrestricted (CBU)
- Call Forward Don't Answer Unrestricted (CDU)
- Call Forward Busy External (CBE)
- Call Forward Don't Answer External (CDE)
- Call Forward Busy Internal (CBI)
- Call Forward Don't Answer Internal (CDI)
- Call Forward Busy (CFB)
- Call Forward Don't Answer (CFD)
- Call Forwarding Fixed (CFF)
- Call Forwarding Intragroup (CFI)
- Call Forwarding Universal (CFU)

CF Parameters

- ▶ All Call Forwarding parameter features are available as a Station Feature.
- ▶ If the Keylist feature is turned On, then the CF parameters cannot be assigned to a vacant button except for a limited number of exclusive features described below under Additional Features. The CF feature must be assigned as a subset of a Keylist feature that the DN appearance is in the Keylist.
- ▶ If the Keylist option is turned Off, then the CF feature parameters can be assigned directly to a vacant button.

CF Parameters Field Descriptions:

CFB (Busy) - Check this box to enable the associated parameters for Call Forward Busy assignment.

Activation

Normal - Fixed - Programmable Activation - Select a radio button to determine how CFB will be activated on the station.

Forward to TN - Specifies the telephone number incoming calls will be forwarded to if the station is busy. Active only when Normal or Fixed is selected.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Note: If the Internal/External Split of IECFB is activated, you can change the entry in the CFB Forward to TN field which specifies the Internal forward to number.

Incoming Calls

IECFB (Split) - CBE (Deny External) - CBI (Exclude Intragroup) - No Incoming Call **Feature** - Select a radio button to determine which CFB external call forward option will be active on the station.

Select the No Incoming Call Feature if you do not want any restrictions placed on the incoming calls to this station. This will allow all calls to be forwarded.

External Calls to TN - Specifies the external telephone number incoming calls will be forwarded to if the station is busy and the call originated outside of the Centrex group. Active only when IECFB is selected and the CFB feature activation is Normal or Fixed.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Destination Restriction

Forward Intragroup - CBU (Unrestricted - Intra/External) - Select a radio button to determine if there are restrictions on where the call may be forwarded.

Additional Features

Additional Features - Allows you to select one of four mutually exclusive features; CFF, CFI, CFU, or CFK.

Choose a feature from the drop-down list. Choose the blank option to unassign a feature choice.

Note: **All of the Additional Features may not be available. The drop-down list will contain the available choices for the active custid.**

(CFF Forward to TN) - Specifies the external telephone number incoming calls will be forwarded to if the CFF feature is assigned. Enter a valid

1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Override Account Code Required (ACR) - Check this box if ACR restrictions are to be overridden for Call Forwarding Universal (CFU) calls.

CF Parameters

-
- ▶ All Call Forwarding parameter features are available as a Station Feature.

- ▶ If the Keylist feature is turned On, then the CF parameters cannot be assigned to a vacant button except for a limited number of exclusive features described below under Additional Features. The CF feature must be assigned as a subset of a Keylist feature that the DN appearance is in the Keylist.
- ▶ If the Keylist option is turned Off, then the CF feature parameters can be assigned directly to a vacant button.

CF Parameters Field Descriptions:

CFB (Busy) - Check this box to enable the associated parameters for Call Forward Busy assignment.

Activation

Normal - Fixed - Programmable Activation - Select a radio button to determine how CFB will be activated on the station.

Forward to TN - Specifies the telephone number incoming calls will be forwarded to if the station is busy. Active only when **Normal** or **Fixed** is selected.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Note: If the Internal/External Split of IECFB is activated, you can change the entry in the CFB Forward to TN field which specifies the Internal forward to number.

Incoming Calls

IECFB (Split) - CBE (Deny External) - CBI (Exclude Intragroup) - No Incoming Call Feature - Select a radio button to determine which CFB external call forward option will be active on the station.

Select the No Incoming Call Feature if you do not want any restrictions placed on the incoming calls to this station. This will allow all calls to be forwarded.

External Calls to TN - Specifies the external telephone number incoming calls will be forwarded to if the station is busy and the call originated outside of the Centrex group. Active only when **IECFB** is selected and the CFB feature activation is **Normal** or **Fixed**.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Destination Restriction

Forward Intragroup - CBU (Unrestricted - Intra/External) - Select a radio button to determine if there are restrictions on where the call may be forwarded.

CFD (Don't Answer) - Check this box to enable the associated parameters for Call Forward Don't Answer assignment.

Activation

Normal - Fixed - Programmable Activation - Select a radio button to determine how CFD will be activated on the station.

Forward to TN - Specifies the telephone number incoming calls will be forwarded to if the station is idle and the call goes unanswered. Active only when **Normal** or **Fixed** is selected.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Incoming Calls

IECFD (Split) - CDE (Deny External) - CDI (Exclude Intragroup) - No Incoming Call Feature - Select a radio button to determine which CFD external call forward option will be active on the station. Select the No Incoming Call Feature if calls will not be routed if they originated outside the Centrex group.

External Calls to TN - Specifies the external telephone number incoming calls will be forwarded to if the station is busy and the call originated outside of the Centrex group. Active only when **IECFD** is selected and the CFD feature activation is **Normal** or **Fixed**.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Destination Restriction

Forward Intragroup - CDU (Unrestricted - Intra/External) - Select a radio button to determine if there are restrictions on where the call may be forwarded.

Additional Features

Additional Features - Allows you to select one of four mutually exclusive features; CFF, CFI, CFU, or CFK.

Choose a feature from the drop-down list. Choose the blank option to unassign a feature choice.

Note: All of the Additional Features may not be available. The drop-down list will contain the available choices for the active custid.

(CFF Forward to TN) - Specifies the external telephone number incoming calls will be forwarded to if the CFF feature is assigned. Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Override Account Code Required (ACR) - Check this box if ACR restrictions are to be overridden for Call Forwarding Universal (CFU) calls.

CFB - Call Forward Busy

Call Forward Busy (CFB) will forward incoming calls to another number when your telephone is busy or if your telephone does not get answered. You must designate whether you want CFB always active, whether you want it activated through a code using a predefined forwarding telephone number, or activated through a code and specifying the telephone number each time you activate the feature.

Available for: SLS

- CFB can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- When you assign CFB to a BSET or ISDN set, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have

access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.

- In order to activate or deactivate the CFB option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- The call forward number cannot be changed by the base station. It also cannot be the same as the base station number.
- If the base station has the Call Forward Don't Answer (CFD) feature, the remote directory number for both CFB and CFD must be the same.
- If Call Forward Universal (CFU), Call Forward Intragroup (CFI), or Call Forward Fixed (CFF) features are active, they take precedence over activated CFB.
- CFB cannot be assigned to hunt groups.
- CFB is incompatible with Denied Originate (DOR).

Business and ISDN Sets Only

- CFB may be assigned to a vacant key on a business set or ISDN terminal (functional, EKTS) as a subset feature. That is, CFB may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal.
- CFB may also be activated as a station feature. The subscriber may access this feature by dialing a special code. Therefore, the feature does not need to be assigned to a vacant key. In this case, CFB is assigned to the PDN key.
- CFB may only be assigned to the primary member of a Multiple-Appearance Directory Number (MADN) group.

ISDN Sets Only

- CFB may also be assigned to a soft key.

CFD - Call Forward Don't Answer

Call Forward Don't Answer (CFD) will forward incoming calls to another number when your telephone does not get answered. You must designate whether you want CFD always active, whether you want it activated through a code using a predefined forwarding telephone number, or activated through a code and specifying the telephone number each time you activate the feature.

Available for: SLS

- Call forwarding can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you will activate it by dialing a special code.
- When you assign CFD to a BSET or ISDN set, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.

- In order to activate or deactivate the CFD option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

- The call forward number cannot be changed by the base station. It also cannot be the same as the base station number.
- If a line is assigned both the CFD and Call Forward Busy (CFB), the remote directory number must be the same for both features.
- CFD cannot be assigned to hunt groups. For switches supporting F2820 (Call Forward Don't Answer for Hunt Group Stations), part of NTX100AA since BCS25, CFD may be assigned to pilot and non-pilot members of a DNH group.
- If Call Forward Universal (CFU), Call Forward Intragroup (CFI), or Call Forward Fixed (CFF) features are active, they take precedence over activated CFD.
- CFD is incompatible with Denied Originate (DOR).
- CFD may not be deleted if Call Forward Don't Answer Variable Timing (CFDVT) is activated.

Business and ISDN Sets Only (Not currently available)

- CFD may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CFD may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal.
- CFD may also be activated as a station feature. The subscriber may access this feature by dialing a special code. Therefore, the feature does not need to be assigned to a vacant key. In this case, CFD is assigned to the PDN key.
- CFD may only be assigned to the primary to the primary member of a Multiple Appearance Directory Number (MADN) group.

ISDN Sets Only (Not currently available)

- CFD may also be assigned to a soft key.

CFDVT - Call Forward Don't Answer Variable Timing

The Call Forward Don't Answer Variable Timing (CFDVT) feature will allow you to change the length of time your telephone will ring before it gets forwarded to another number.

Available for: SLS, BSET, ISDN, NISDN

- ▶ You may set this timing interval from either zero to sixty seconds or from twelve to sixty seconds dependent upon the DMS switch generic.
- ▶ You may set the ring control parameter to PRGRING (the end user can control the ringing time-out values) or FIXRING (the end user cannot control the ringing time-out values).
- ▶ Additional information is required to activate the CFDVT feature on a set. After you select the CFDVT option, a CFDVT Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CFDVT can only be assigned to stations which have Call Forward Don't Answer (CFD).

Feature interactions for CFD also apply to CFDVT.

Business and ISDN, NISDN Sets Only

CFDVT may be assigned as a Directory Number (DN) feature on a business set or ISDN/NISDN terminal. That is, CFDVT is assigned to a key with a telephone number appearance.

CFDVT Parameters dialog box field:

Seconds - Allows you to specify the number of seconds used to override the default customer group timing.

Enter a choice from 0-60 or 12-60 (dependent upon the DMS switch generic)- in the text box.

Ring Control - Indicates whether or not the end user controls the ringing time-out values.

Valid Values:

PRGRING - the end user can control the ringing time-out value

FIXRING - the end user cannot control the ringing time-out value

CFF - Call Forward Fixed

Call Forward Fixed (CFF) is another option available among the call forwarding family. This will forward your telephone calls to a fixed telephone number. This feature is available for the single line set, BSET and ISDN sets. It is assigned as a station feature which means you will activate it by dialing a special code.

Available for: SLS, BSET, ISDN, NISDN

▶ When assigning CFF as a station feature on BSET and ISDN sets, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.

▶ In order to activate or deactivate the CFF option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

CFF is incompatible with the following features: Call Forward Universal (CFU), Call Forward Intragroup (CFI), Denied Originate (DOR).

Single Line Sets Only

CFF can be only activated by a dialed feature access code.

Business and ISDN Sets Only

CFF is assigned to a BSET or ISDN set as a station feature. You activate CFF by dialing a special code. You will be able to designate some or all of the DNs on your set to have access to this feature.

ISDN Sets Only

CFF may also be assigned to a soft key.

CFF - Call Forward Fixed

Call Forward Fixed (CFF) is another option available among the call forwarding family. This will forward your telephone calls to a fixed telephone number. This feature is available for the single line set, BSET and ISDN sets. It is assigned as a station feature which means you will activate it by dialing a special code.

Available for: SLS, BSET, ISDN, NISDN

- ▶ When assigning CFF as a station feature on BSET and ISDN sets, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- ▶ In order to activate or deactivate the CFF option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

CFF is incompatible with the following features: Call Forward Universal (CFU), Call Forward Intragroup (CFI), Denied Originate (DOR).

Single Line Sets Only

CFF can be only activated by a dialed feature access code.

Business and ISDN Sets Only

CFF is assigned to a BSET or ISDN set as a station feature. You activate CFF by dialing a special code. You will be able to designate some or all of the DNs on your set to have access to this feature.

ISDN Sets Only

CFF may also be assigned to a soft key.

CFK - Call Forward Per Key

Call Forward Per Key (CFK) is another option available among the call forwarding family. This will allow you to forward the calls for each directory number appearing on your set to a different telephone number.

Available for: BSET

- ▶ If you assign this as a station feature, you will activate it by dialing a special code. When you assign CFK, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same as for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- ▶ In order to activate or deactivate the CFK option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

CFK may be assigned to a vacant key on a business set as a Subset feature. The key must have a lamp. That is, CFK may optionally be associated with a subset of the DN appearances on the business set.

CFK may also be activated as a station feature. The subscriber may access this feature by dialing a special code. Therefore, the feature does not need to be assigned to a vacant key. In this case, CFK is assigned to the PDN key.

CFK may only be assigned to the primary member of a Multiple Appearance Directory Number (MADN) group.

CFK can be assigned to a business set that also has Call Forward Busy (CFB) and/or Call Forward Don't Answer (CFD). However, CFK takes precedence over any other type of call forwarding that is active on the set, such as CFB or CFD. Also, CFK does not change any of the other call forwarding types.

CFK is incompatible with the following features: Call Forward Fixed (CFF), Call Forward Intragroup (CFI), Call Forward Universal (CFU), or Denied Originate (DOR).

CFSMADN - CF for Secondary MADN Members

The Call Forwarding for Secondary MADN Members (CFSMADN) feature will allow you to forward your telephone calls when you are not the primary member of a MADN group.

Available for: BSET and ISDN, NISDN

- ▶ CFSMADN can only be assigned to a directory number that belongs to a MADN group.
- ▶ In order to activate or deactivate the CFSMADN option, click on a call appearance button and then click on the Line Features command button. Select the CFSMADN option from the Select Line Features dialog box.

Limitations/Incompatibilities

CFSMADN is not generally supported for ISDN sets, although it is supported for ISDN EKTS terminals in switch software version BCS33 (AQ0375).

CFU - Call Forward Universal

Call Forward Universal (CFU) is another option available among the call forwarding family options. This option allows the end user to forward calls to a telephone number inside or outside of the customer group.

Available for: SLS, BSET, ISDN

- ▶ If CFU is assigned as a station feature, it must be activated by dialing a special code. When you assign CFU, you will be able to designate some or all of the directory numbers on the set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same as for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature.
- ▶ In order to activate or deactivate the CFU option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

CFU may only be assigned to the primary member of a Multiple-Appearance Directory Number (MADN) group.

CFU may be assigned to hunting directory numbers, but when active they take precedence over the hunting directory numbers.

CFU is incompatible with the following features: Call Forward Intragroup (CFI), Call Forward Fixed (CFF), and Denied Originate (DOR).

Single Line Sets Only

CFU cannot be assigned to automatic or manual lines.

CFU cannot be assigned to lines that are denied terminations or originations, or suspended lines.

Business and ISDN Sets Only

CFU may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, CFU may optionally be associated with a subset of the DN appearances on the business set or ISDN terminal.

CFU may also be activated as a station feature. The subscriber may access this feature by dialing a special code. Therefore, the feature does not need to be assigned to a vacant key. In this case, CFU is assigned to the PDN key.

ISDN Sets Only

CFU may also be assigned to a soft key.

CFXDICT - Call Forwarding per DN/CT

Call Forward per DN/CT option offers call forwarding capabilities on a per directory number, per call type basis. By using this option, a National ISDN terminal can forward call types to different destinations.

Available for: National ISDN

- ▶ This feature can be assigned to a vacant key or as a station feature. If you assign this as a station feature, you activate it by dialing a special code.
- ▶ When you assign CFXDNCT, you designate some or all of the directory numbers on your set to have access to this feature. If you are served with a standard key list option, the DNs that have access to this feature will be the same for all call forwarding features. If you are served with the enhanced key list option, you can designate a unique set of DNs that have access to this feature.
- ▶ In order to activate or deactivate Call Forwarding options, go to the Call Forwarding per DN/CT Parameters dialog box.

Limitations/Incompatibilities

Call Forward per DN/CT (CFXDNCT) may not be assigned with Call Forward (CF).

CF Parameters Field Descriptions:

CFB (Busy) - Check this box to enable the associated parameters for Call Forward Busy assignment.

Activation

Normal - Fixed - Programmable Activation - Select a radio button to determine how CFB will be activated on the station.

Forward to TN - Specifies the telephone number incoming calls will be forwarded to if the station is busy. Active only when **Normal** or **Fixed** is selected.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Keylist

Incoming Calls

CBE (Deny External) - CBI (Exclude Intragroup) - No Incoming Call Feature - Select a radio button to determine which CFB external call forward option will be active on the station. Select the No Incoming Call Feature if calls will not be routed if they originated outside the Centrex group.

Destination Restriction

Forward Intragroup - CBU (Unrestricted - Intra/External) - Select a radio button to determine if there are restrictions on where the call may be forwarded.

CFD (Don't Answer) - Check this box to enable the associated parameters for Call Forward Don't Answer assignment.

Activation

Normal - Fixed - Programmable Activation - Select a radio button to determine how CFD will be activated on the station.

Forward to TN - Specifies the telephone number incoming calls will be forwarded to if the station is idle and the call goes unanswered. Active only when **Normal** or **Fixed** is selected.

Enter a valid 1-30 digit telephone number in the text box. Enter only those digits needed to dial the number directly.

Keylist

Incoming Calls

CDE (Deny External) - CDI (Exclude Intragroup) - No Incoming Call Feature -

Select a radio button to determine which CFD external call forward option will be active on the station. Select the No Incoming Call Feature if calls will not be routed if they originated outside the Centrex group.

Destination Restriction

Forward Intragroup - CDU (Unrestricted - Intra/External) - Select a radio button to determine if there are restrictions on where the call may be forwarded.

Additional Features

Additional Features - Allows you to select one of three mutually exclusive features; CFF, CFI, or CFU.

Choose a feature from the drop-down list. Choose the blank option to unassign a feature choice.

Note: All of the additional features may not be available. The drop-down list will contain the available choices for the active custid.

Override Account Code Required (ACR) - Check this box if ACR restrictions are to be overridden for Call Forwarding Universal (CFU) calls.

Notify - Check this box to initiate notification.

Keylist

Note: This feature uses a common keylist. Any changes made will be reflected in all three locations.

CFXVAL - Call Forwarding Validation

Call Forwarding Validation (CFXVAL) provides remote TN validation or courtesy call to the terminal that has Call Forwarding assigned. CFXVAL may validate the call forward remote TN by either making a validation courtesy call or not. In some cases, based on the type of switch the feature is assigned in, you may be able to set a Courtesy Call option or select from a list of choices. Although this feature can be added to a terminal with or without call forwarding, it's functionality is only useful if Call Forwarding is assigned.

Available for: NISDN

- ▶ Additional information is required to activate the CFXVAL feature on a set. After you select the CFXVAL option, an CFXVAL Parameters dialog box will display. Use this box to create new or modify existing feature data.

CFXVAL Parameters Field Descriptions:

You will be presented with one of the following options based on the type of service provided by your Local Exchange Carrier.

Option 1:

Courtesy Call - Check this box to activate the Courtesy Call option.

Option 2:

Courtesy Call - Allows you to determine the option for the associated set. The options are ANSRQC, ANSRQNC, NANSR, and NECC.

Choose the appropriate billing option from the drop-down list.

CFXVAL Parameter - ANSRQC - Answer required with confirmation indicator.

CFXVAL Parameter - ANSRQNC - Answer required without confirmation indicator

CFXVAL Parameter - NANSR - No answer required.

CFXVAL Parameter - NECC - Do not establish courtesy call.

CHD - Call Hold

Call Hold (CHD) allows you to hold a call until you hang up or the caller hangs up the telephone.

Available for: SLS only

Limitations/Incompatibilities

CHD is available only to IBN users with 500/2500 sets. It is not available to users with Business Sets. However, a Business Set may be put on hold.

CHD is incompatible with the following features: Denied Originate (DOR) and No Double Connect (NDC).

CIDSDLV- Caller ID Delivery

Caller ID Delivery enables the subscriber to deliver the call originator's name and number, according to each call. This option can be added to key 1 or to a feature key, and can apply to a subset of telephone numbers.

Available for Set Type: ISDN or NISDN sets

- ▶ Additional information is required to activate the CIDSDLV feature on a set. After you select the CIDSDLV option, a CIDSDLV Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

- ▶ CIDS DLV is incompatible with Automatic Line (AUL) and Denied Origination (DOR).
- ▶ CIDS DLV may be assigned to Functional EKTS ISDN or NISDN set types.

CIDS DLV Parameters dialog box fields:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are (AMA) - (NOAMA)

Choose the appropriate billing option from the drop-down list.

Available Buttons:

OK Cancel Help.....Keylist (ISDN and NISDN)

CIDSSUP - Caller ID Suppression

Caller ID Suppression enables the subscriber to block the delivery of the call originator's name and number, according to each call. This option can be added to key 1 or to a feature key, and can apply to a subset of call appearances.

Available for Set Type: ISDN and NISDN sets

- ▶ Additional information is required to activate the CIDSSUP feature on a set. After you select the CIDSSUP option, a **CIDSSUP Parameters** page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CIDSSUP is incompatible with Automatic Line (AUL) and Denied Origination (DOR) options.

CIDSSUP Parameters Field Description:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA)** - **(NOAMA)**

Choose the appropriate billing option from the drop-down list.

CMD - Calling Name Delivery

Calling Name Delivery (CMD) is a Class Feature® that provides the capability to display the name associated with the calling party.

Available for: SLS

- ▶ The name is displayed after the first ringing cycle.
- ▶ The date and time of an incoming call is also displayed.
- ▶ Additional information is required to activate the CMD feature on a set. After you select the CMD option, a CMD Parameters page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CMD is incompatible with Multiple Appearance Directory Number (MADN) MCA.

CMD Parameters dialog box fields:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA) - (NOAMA)**

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

CNAMD - Calling Name Delivery

Calling Name Delivery provides the capability to display the name associated with the calling party.

Available for Set Type: NISDN sets

- ▶ Additional information is required to activate the CNAMD feature on a set. After you select the CNAMD option, a **CNAMD Parameters** page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CNAMD is incompatible with Multiple Appearance Directory Number (MADN) Call Appearance Call Handling (CACH).

CNAMD is incompatible with Automatic Line (AUL), or Denied Originate (DOR).when the Per Call Billing option is set to AMA.

CNAMD Parameters Field Descriptions:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA) - (NOAMA)**

Choose the appropriate billing option from the drop-down list.

CND - Calling Number Delivery

Calling Number Delivery (CND) is a Class Feature which provides the capability to display the calling number as well as the time and date of the call on your phone equipment after the first ringing cycle.

Available for: SLS, ISDN, NISDN

- ▶ CND allows you to view the telephone number of the calling party before answering.
- ▶ Additional information is required to activate the CND feature on a set. After you select the CND option, an CND Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CND is incompatible with Multiple Appearance Directory Number (MADN) MCA type.

SLS Only

CND is incompatible with Automatic Line (AUL), and Denied Origination (DOR).

NISDN Only

CND cannot be added to a secondary multiple appearance MADN Single Call Arrangement (SCA) or Call Appearance Call Handling (CACH) member.

CND is incompatible with Denied Origination (DOR) and Automatic Line (AUL) when the Per Call Billing parameter is set to AMA.

CND is incompatible with Block Calling Party Number (BLOCKCGN).

CND Parameters dialog box fields:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA) - (NOAMA)**

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

CNDB - Calling Number Delivery Blocking

Calling Number Delivery Blocking (CNDB) is a Class Feature that allows the delivery of the calling number to be blocked.

Available for: SLS only

- ▶ CNDB allows you to specify if your number will be displayed to a customer having Calling Number Delivery (CND).
- ▶ CNDB is activated on a per call basis and is automatically deactivated after you hang up.
- ▶ Additional information is required to activate the CNDB feature on a set. After you select the CNDB option, a CNDB Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CNDB is incompatible with the following features: Automatic Line (AUL), Multiple Appearance Directory Number (MADN) MCA type, Uniform Call Distribution (UCD), and Denied Originate (DOR).

CNDB Parameters dialog box field:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA) - (NOAMA)**

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

CNF - Conference Call

Station controlled conference (CNF) allows you to establish a conference call consisting of more than three conferees without assistance from an attendant.

Available for: SLS, BSET, ISDN, NISDN

- ▶ Add each conferee on the call by dialing their number and adding them to the call by entering an access code.
- ▶ Additional information is required to activate the CNF feature on a set. After you select the CNF option, a CNF Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Call Waiting (CW) and Ring Again (RAG) cannot interrupt the conference call.

A called conferee that has Call Forward Don't Answer (CFD) or Call Forward Busy (CFB) activated does not ring.

The Call Forward Universal (CFU) and Call Forward Intragroup (CFI) features override the CNF feature.

CNF is incompatible with the following features: Denied Originate (DOR) and No Double Connect (NDC).

Business and ISDN Sets Only

CNF may be assigned to a vacant key on the BSET or ISDN set. If assigned to a vacant key, CNF will be associated with all the DNs on your set as well as any new DNs added to your set.

CNF also may be activated as station feature. To use CNF, you would dial a special code.

A Conference key and associated lamp are required for this feature.

ISDN Sets Only

There may be some ISDN sets that are incompatible with this feature.

CNF Parameters Field Description:

Conference Size - Allows you to set the number of conferees.

Select the number of conferees from the drop-down list.

COT - Customer Originated Trace

Customer Originated Trace (COT) is a Class Feature that allows you to request an automatic trace of the last incoming call. The COT request is initiated when you dial the

activation code after an incoming call or press the associated button on Business or ISDN sets.

Available for: SLS, BSET, ISDN, NISDN

- ▶ COT is activated on a per call basis and is automatically deactivated after you hang up.
- ▶ Additional information is required to activate the COT feature on a set. After you select the COT option, an COT Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

COT is incompatible with the following features: Automatic Line (AUL), CF for Secondary MADN Numbers (CFSMADN), Multiple Appearance Directory Number (MADN) MCA type, MADN CACH, MADN non-primary, and Denied Originate (DOR).

Business and ISDN Sets Only

COT is incompatible with the following features: Automatic Line (AUL), Last Number Redial (LNR), and Denied Originate (DOR).

COT Parameters dialog box field:

Per Call Billing - Allows you to determine the billing option for the associated set. The options are **(AMA)** - **(NOAMA)**

Choose the appropriate billing option from the drop-down list.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

CPU - Call Pickup

Call Pickup (CPU) allows you to pick up someone else's telephone from your own telephone if both lines are within the same group by dialing an activation code or pressing a CPU key.

Available for: SLS, BSET, ISDN, NISDN

- ▶ CPU may also be assigned as a station feature, which will allow the use of CPU by dialing a special code. This can also be assigned to a soft key of an ISDN set.
- ▶ CPU is a group feature. It is recommended you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the CPU feature on a set. After you select the CPU option, a CPU Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

A station can only pick up calls within the same pickup group.

The maximum number of members in a pickup group is 75. If there is a large number of Multiple Appearance Directory Numbers (MADN) in the pickup group, then the maximum number of members should be reduced.

CPU is incompatible with the following features: Denied Originate (DOR)

Business and ISDN Sets Only

CPU is incompatible with the following features: Private Business Line (PBL).

CPU Parameters Field Descriptions:

CPU Group Number - Allows you to choose the available groups for this telephone number.

Choose the CPU Group Number from the drop-down list.

New CPU Group Number - Allows you to create a new Call Pickup group. The valid values for this field are 1-9999.

Choose the New CPU Group Number from the drop-down list.

Same CPU Group As TN - When you retrieve the CPU page after transmitting the entire record, the CPU Group Number field will display the same Group Number as the telephone number that has been entered in the **Same CPU Group As TN** field. This field is limited to what kind of telephone number it accepts. It only accepts unique telephone numbers.

Enter the *Same CPU Group as TN* in the text box.

CSL - Call Selector

The Call Selector (CSL) feature identifies certain incoming calls using a distinctive alert pattern: a distinctive ring, or if busy, a distinctive call waiting tone. The caller hears the standard ring back tone.

Available for: SLS, BSET

- ▶ Incoming calls originating from a directory number on the CSL list are given a distinctive ring pattern. Calls from DNs that cannot be identified or are not on the CSL screening list use a standard ring.
- ▶ The CSL list is built using the Screening List Editing function which is not assigned through this system. Further information and access codes may be obtained from your System Administrator.

Limitations/Incompatibilities

CSL is incompatible with the following features: Denied Incoming (DIN).

CSL cannot be assigned to members of Multiple Appearance Directory Number Multiple Call Arrangement (MADN MCA) groups.

CSL cannot be assigned to Multiple Appearance Directory Number Single Call Arrangement (MADN SCA) non-primary numbers.

Business Sets Only

CSL is incompatible with the following features: CF for Secondary MADN Members (CFSMADN) and Electronic Key Telephone Service Hold (EHLA).

CWD - Dial Call Waiting

The Dial Call Wait (CWD) feature allows the station user to impose Call Waiting on a busy station when making an intragroup call. CWD differs from the Call Waiting Originating (CWO) feature because the user must dial an access code followed by the called station extension number to activate Call Waiting.

Available for: SLS, BSET

- ▶ MADN Call Waiting restrictions apply if the called station belongs to a MADN group and all members are busy. Calls to a Single Call Appearance (SCA) MADN group will wait on the active line. Calls to a Multiple Call Appearance (MCA) MADN group station will wait on the primary member line.
- ▶ When the calling party activates CWD, the caller hears either audible ringing, music, or a recorded announcement. The called party hears a special tone burst. The tone burst is repeated once every ten seconds.

Limitations/Incompatibilities

CWD can not be imposed on a called station that has the Call Waiting Exempt (CWX) feature

CWD must be assigned as a key 1 station feature OR assigned to an available station key. It can not be assigned in both places on the same set.

Station Camp-On (MCMP) is not compatible with CWD assigned as a key 1 station feature.

CWD is incompatible with the following features: Call Waiting Originating (CWO)

Business and ISDN Sets Only

CWD must be assigned as a key 1 station feature OR assigned to an available station key. It can not be assigned in both places on the same set.

CWI - Call Waiting Intragroup

The Call Waiting Intragroup (CWI) feature can be assigned on a per line basis to any line assigned the Call Waiting feature. This enables an intragroup call to be call waited.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

CWI requires that Call Wait Terminating (CWT) is activated on the line.

CWI is incompatible with No Double Connect (NDC).

Single Line Sets Only

CWI is incompatible with the following features: Call Waiting Exempt (CWX) and NDC.

Business and ISDN Sets Only

CWI may be assigned to a Directory Number (DN) feature on a business set. That is, CWI is assigned to a key with a telephone number appearance.

CWI is incompatible with PBL - Private Business Line

CWO - Call Waiting Originating

The Call Waiting Originating (CWO) feature allows you to impose call waiting on a busy station within the same customer group. CWO differs from Call Waiting in that the calling party is able to hear either music or a recorded announcement in addition to audible ringing.

Available for: SLS, BSET

- ▶ You can impose Call Waiting on the following set types:
 - Single Line Sets that do not have the Call Waiting Intragroup (CWI) feature assigned.
 - BSET's that do not have CWI assigned but do have the Call Waiting (CW) feature.
 - BSET's with a Call Waiting Terminating (CWT) key assigned, and the CWI feature assigned to the busy directory number (DN).
- ▶ When the calling party activates CWO, the caller hears either audible ringing, music, or a recorded announcement. The called party hears a special tone burst. The tone burst is repeated once every ten seconds.

Limitations/Incompatibilities

- Call Pickup (CPU) cannot be used to pick up waited calls.
- CWO is compatible with Executive Busy Override (EBO). CWO is used before EBO unless the called party has the Call Waiting Exempt (CWX) feature.
- CWO is restricted to intraoffice intragroup calls.
- CWO cannot be imposed on any line in a Hunt Group.
- CWO is incompatible with the following features: Dial Call Waiting (CWD) and Denied Originate (DOR).

Business and ISDN Sets Only

CWO must be assigned to a telephone number key.

CWT - Call Waiting Terminating

Call Waiting Terminating (CWT) allows you to be informed of an incoming call from *outside* your customer Centrex group while you are talking on your telephone. To be

informed of an incoming call from *within* your group while you are talking on the telephone, you must also assign CWI to the line.

Available for: SLS, BSET, ISDN

- ▶ Another option available for telephones having CWT assigned to them is Call Waiting Intragroup (CWI). This will allow you to be informed of an incoming call from within your customer group, while you are talking on your telephone. This feature is available for the single line set or may be assigned to a directory number on the BSET or ISDN set.
- ▶ You may also impose a CWT tone on a busy line automatically or at your discretion. If you would like to do this automatically every time you call someone within your group (served by the same switch), you must turn on the Call Waiting Originating (CWO) feature. If you would like to impose this tone on a busy line at your discretion, you must turn on the Dial Call Waiting (CWD) feature. You may have one of these assigned to your line but not both. This is available for the single line sets.
- ▶ Additional information is required to activate the CWT feature on a set. After you select the CWT option, an CWT Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CWT is subject to called line restrictions. A call can be waited only if the called station is permitted to receive the particular call type.

CWT is incompatible with the following features: Directory Number Hunt (DNH) and No Double Connect (NDC) (with switch generic NTX007AB, CWT is compatible with DNH).

Single Line Sets Only

CWT may not be deleted when CWI is on the line.

Business and ISDN Sets Only

When CWT is deleted, CWI is automatically deleted. (This acts differently than the CWT and CWI interactions for single line set lines.)

CWT is assigned to a Key on the BSET or ISDN set. You may designate all DNs on your set to be associated with CWT or just select DNs.

CWI is incompatible with PBL - Private Business Line

CWT Parameters Field Description:

Ringing - Check this box to turn on/off ringing for the Call Waiting feature.

CWX - Call Waiting Exempt

The Call Waiting Exempt (CWX) feature can be assigned to a line to prevent interruptions from callers using Call Waiting (CW) or Call Waiting Originating (CWO) features.

Available for: SLS, BSET

Limitations/Incompatibilities

CWX is incompatible with the following features: Call Waiting Intragroup (CWI), Directory Number Hunt (DNH), and No Double Connect (NDC).

Business Sets Only

CWX is incompatible with the following features: CWI, DNH, and NDC.

CXR - Call Transfer

Call Transfer (CXR) allows you to transfer a call to another person.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If assigned to a vacant key, CXR will be associated with all the DNs appearing on your set, as well as any new DNs added to your set.
- ▶ When you turn this feature on, you will have two choices to make regarding how the transferred call will be handled. The Method of Transfer is your first choice. This choice is dependent on the switch that is supporting you. For most customers, this will default to the standard method of transfer. If this is a default for you, you will not be able to select an option in the drop-down list. The option to select dial as the method of transfer will be available for some customers. Your second choice is an option to have a call transferred back to you if the party you transferred the call to does not answer the telephone.
- ▶ Additional information is required to activate the CXR feature on a set. After you select the CXR option, an CXR Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

CXR is incompatible with No Double Connect (NDC).

ISDN Sets Only

CXR also may be assigned to a soft key.

CXR Parameters Field Descriptions:

Call Transfer Type - The Call Transfer Type drop-down list displays the type of call transfer restrictions you may place on this set. Valid choices are: CTINC, CTOUT, CTINTRA, CTALL, NCT, ATTRCLF, or CUSTOM.

Select the Call Transfer Type from the drop-down list.

Note: If CUSTOM is entered as the CXR Type, you must also make entries in the Originating and Terminating fields.

Method of Transfer - How you want your transferred call to be handled. Valid choices are DIAL (dial a number), STD (standard), and RLS (release key - BSET only).

Select the Method of Transfer from the drop-down list.

Call Transfer Recall - Check this box to specify if Call Transfer Recall is allowed. If enabled, the Recall Timer may be set for a range of 12-120 seconds.

Recall Timer - Allows you to enter 12-120 (seconds) as the timer setting.

Enter the Recall Timer value in the text box.

The following options are only available when CUSTOM has been selected for the Call Transfer Type.

Originating Intergroup - Used to select the first leg of the call. When a group is selected, the first leg of the call is Intergroup and the controller is the originator of the call. The choices are one of the following for the second leg of the call: AC (Attendant Console), INTRA (Intracall), INTER (Intergroup Call), TRATER (Intracall or Intergroup Call), and NOCXFER (Call Transfer Not Allowed).

Select the Originating Intergroup from the drop-down list.

Originating Intracall - Used to select the first leg of the call. When a group is selected, the first leg of the call is Intracall and the controller is the originator of the call. The choices are one of the following for the second leg of the call: AC (Attendant Console), INTRA (Intracall), INTER (Intergroup Call), TRATER (Intracall or Intergroup Call), and NOCXFER (Call Transfer Not Allowed).

Select the Originating Intracall from the drop-down list.

Terminating Intergroup - Used to select the first leg of the call. When a group is selected, the first leg of the call is Intergroup and the controller is the terminator of the call. The choices are one of the following for the second leg of the call: AC (Attendant Console), INTRA (Intracall), INTER (Intergroup Call), TRATER (Intracall or Intergroup Call), and NOCXFER (Call Transfer Not Allowed).

Select the Terminating Intergroup from the drop-down list.

Terminating Intracall - Used to select the first leg of the call. When a group is selected, the first leg of the call is Intracall and the controller is the terminator of the call. The choices are one of the following for the second leg of the call: AC (Attendant Console), INTRA (Intracall), INTER (Intergroup Call), TRATER (Intracall or Intergroup Call), and NOCXFER (Call Transfer Not Allowed).

Select the Terminating Intracall from the drop-down list.

Call Transfer Type Definitions:

CTINC - Call Transfer Incoming - Allows calls from outside the customer group to be transferred to another party that is within your customer group.

CTOUT - Call Transfer Outgoing - Allows calls received from outside the customer group as well as calls placed to stations outside the customer group, to be transferred to another party that is within the customer group.

CTINTRA - Call Transfer Intracall - Allows calls from within or outside the customer group as well as calls placed to stations outside the customer group, to be transferred to another party that is within the customer group.

CTALL - Call Transfer All - Allows all calls received or placed to be transferred to any other telephone number. There is no customer group affiliation needed.

NCT - No Transfer - Allows calls received from outside the customer group to be transferred to the attendant.

ATTRCLF - Attendant Call Transfer with Flash - Allows calls received from outside the customer group as well as calls placed to stations outside the customer group, to be transferred to the attendant.

CUSTOM - Allows customization of call transfer handling for; calls received within the customer group, calls received from outside the customer group, calls made to someone within the customer group, and calls made to someone outside the customer group.

DCBI - Directed Call Pickup Barge-In

Directed Call Pickup Barge-In (DCBI) allows you to pick up unanswered calls on your line.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If you would prefer the original station be allowed to pick up their telephone after you have picked it up, they may do this if they have Directed Call Pickup Barge-In (DCBI) assigned. When they pick up, it will be like a three way call.
- ▶ If you do not want someone barging into the calls you have answered, see the description for Directed Call Pickup Barge-in Exempt (DCBX). If you do not want anyone to pick up your unanswered calls or barging in, see the description for Directed Call Pickup Exempt (DCPX).

DCBX - Direct Call Pickup Barge-In Exempt

Directed Call Pickup Barge-In Exempt (DCBX) will prohibit a person from barging into the call you have just picked up.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If someone within your call pickup group does not answer the telephone, you are able to answer the call utilizing the Directed Call Pickup (DCPU) feature. If that person then decides to barge into your conversation, DCBX will cancel out the Directed Call Pickup Barge-in (DCBI) feature so barge-in is not possible.

Limitations/Incompatibilities

DCBX is incompatible with the following features: Directed Call Pickup Exempt (DCPX).

Business and ISDN Sets Only

DCBX may be assigned as a Directory Number (DN) feature on a business set. That is, DCBX is assigned to a key with a telephone number appearance. For BCS29 and later, DCBX is supported on ISDN functional and EKTS terminal.

DCF - Denied Call Forwarding

Denied Call Forwarding is used to prevent a line from receiving forwarded calls. This security option is useful especially for computer ports.

Available for Set Type: ISDN and NISDN sets

DCPK - Directed Call Park

Directed Call Park (DCPK) will allow you to answer a call and "park" it on another directory number to be retrieved from any station within your customer group.

Available for: SLS, BSET, ISDN, NISDN

- ▶ DCPK can be assigned to a key or as a station feature on the BSET and ISDN sets. If you assign DCPK to a key, it will be available to all the DNs on your set, or any DNs added to your set after this feature has been turned on.

Limitations/Incompatibilities

SLS Sets Only

DCPK is incompatible with Denied Originate (DOR).

Business and ISDN Sets Only

DCPK may be assigned to a vacant key on a business set. Once assigned, the DCPK feature applies to all telephone number appearances on the set. When new telephone number appearances are added, the DCPK feature is automatically assigned to these new telephone number appearances.

DCPK also may be activated as a station feature. The subscriber may access this feature by dialing a special code. Therefore, the feature does not need to be assigned to a vacant key. In this case, DCPK is assigned to the PDN key.

DCPU- Directed Call Pickup

Directed Call Pickup (DCPU) allows you to pick up unanswered calls on your line.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If someone within your call pickup group is not answering their telephone and you do not want to leave your desk to go answer their telephone, you may answer their telephone on your line if you have Directed Call Pickup Non Barge-In (DCPU) assigned. Once you have picked up this call, the original station cannot pick up the call.
- ▶ If you do not want someone barging into the calls you have answered, see the description for Directed Call Pickup Barge-in Exempt (DCBX). If you do not want

anyone to pick up your unanswered calls or barging in, see the description for Directed Call Pickup Exempt (DCPX).

Limitations/Incompatibilities

The Call Pickup and Directed Call Pickup Non Barge-In features are independent of each other. The activating station does not need to have the CPU option to activate DCPU. Each feature has its own codes and either feature can be used to pickup the call.

DCPU is incompatible with the following features: Automatic Line (AUL), Directed Call Pickup Barge-in (DCBI), and Denied Originate (DOR).

Business and ISDN Sets Only

DCPU may be assigned as a Directory Number (DN) feature on a business set or ISDN terminal. That is, DCPU is assigned to a key with a telephone number appearance. For BCS29 and later, DCPU is supported on functional and EKTS ISDN terminals.

DCPX - Directed Call Pickup Exempt

Directed Call Pickup Exempt (DCPX) will prohibit a person from picking up your unanswered telephone, and from barging into an unanswered call you may pick up.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If someone within your call pickup group did not answer their telephone, you were able to answer their telephone through Directed Call Pickup (DCPU) feature. If that person decides to barge into your conversation, they may if they have the Directed Call Pickup Barge-In (DCBI) feature.
- ▶ DCPX will cancel out the DCBI feature so they cannot barge in. It will also cancel out their ability to pick up your telephone when you have not answered it.

Limitations/Incompatibilities

DCPX is incompatible with Directed Call Pickup Barge-In Exempt (DCBX).

Business and ISDN Sets Only

DCPX may be assigned as a Directory Number (DN) feature on a business set or ISDN terminal. That is, DCPX is assigned to a key with a telephone number appearance. For BCS29 and later, DCPX is supported on Functional and EKTS ISDN terminals.

DGT - Digit Tone

Digit Tone (DGT) will allow you to support dial tone for a telephone set.

Available for: SLS only

DIN - Denied Incoming

Denied Incoming (DIN) will allow you to keep selected telephone lines from receiving calls from outside your customer group.

Available for: SLS, BSET, ISDN, NISDN

- ▶ If you select this option you will also be required to select a Terminating Restriction Code as well as an Alternate Terminating Restriction Code. These two codes actually indicate the restrictions for receiving calls on this telephone line. In addition to this, you may also select an option that will allow you to transfer calls that came into an unrestricted station, to a restricted station by turning on the option Transfer Calls to Restricted Station.
- ▶ Additional information is required to activate the DIN feature on a set. After you select the DIN option, a DIN Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

DIN is incompatible with Call Block (CB), Private Business Line (PBL).

Business and ISDN Sets

DIN may be assigned as a Directory Number (DN) feature on a business set or ISDN terminal. That is, DIN is assigned to a key with a telephone number appearance.

DIN Parameters Field Descriptions:

Terminating Restriction Code(s) - Allows you to enter a code that corresponds to the classes of incoming calls that are allowed on a trunk. This code is a string of 8 digits between 0 and 7 or blank. You cannot enter duplicate numbers in the field. If you do not want any incoming calls allowed on the trunk, leave this field blank. Choose the Code from the drop-down list.

Alternate Terminal Restriction Code(s) - Allows you to enter a code that corresponds to the classes of incoming calls that are allowed on a trunk. This code is a string of 8 digits between 0 and 7 or blank. You cannot enter duplicate numbers in the field. If you do not want any incoming calls allowed on the trunk, leave this field blank.

Choose the Code from the drop-down list.

Note: In order to activate the Denied Incoming (DIN) feature, enter values in both the Terminating Restriction Code(s) field and the Alternate Terminal Restriction Code(s) field. To deactivate the DIN feature, blank out the values in both these fields.

Transfer Calls To Restricted Station - Check this box if you want to transfer calls to a restricted station. Otherwise, leave the check box blank.

DNH - Directory Number Hunt

The Directory Number Hunt (DNH) feature will continue to forward a call that was initially sent to a busy telephone number through a sequence of numbers within a DNH group until it finds an idle line that can answer that call.

Available for: SLS, BSET, ISDN, NISDN

- ▶ You may select from two options of routing these calls within a group. The first choice is to hunt for an idle line starting with the number dialed, and ending with the last number in this group.
- ▶ Your second choice is called Circular Hunting which will hunt for an idle line regardless of the number initially dialed. If all the lines in the group are busy, you would have an option of having your call forwarded to an overflow directory number.
- ▶ This is a group feature. It is recommended you use the Group Management screen to assign this feature - it's much easier.
- ▶ Additional information is required to activate the DNH feature on a set. After you select the DNH option, a DNH Parameters dialog box will display. Use this box to create new, or modify existing feature data.

Limitations/Incompatibilities

If you use the DNH page, the member position cannot be predetermined; the default member position is the last position in the group.

DNH is incompatible with the following features: Call Waiting Exempt (CWX), Call Forward Busy External (CBE), Call Forward Busy Internal (CBI), Call Forward Busy (CFB), Internal/External Split of CF Busy (IECFB), Call Forward Busy External (CBU), Multiple Appearance Directory Number (MADN), and Requested Suspension (RSUS).

DNH Parameters Field Descriptions:

Pilot TN - This telephone number (TN) identifies the group. When the Pilot TN equals the Set's TN and members are involved, this field is protected from change. When the Pilot TN is the only member, it may be over typed (e.g., deleted and added to another hunt group). A Pilot TN may be deleted only if it is the last member in the group and can have CFD assigned or pending assigned when creating a group. Select the pilot telephone number from the drop-down list.

Same DNH Group TN - The Same DNH Group TN field is useful when only another member's telephone number of an existing DNH (Directory Number Hunt) group is known, and the Pilot is not known. This field and the Pilot TN field are mutually exclusive. The field accepts a telephone number, then finds the DNH group associated with the telephone number. When the screen is transmitted, this field is cleared and the Pilot TN is populated in the Pilot TN field. When the telephone number that is entered in this field is pending to be added to a group and currently exists in a group, the currently existing group is the one that this telephone number is added to, not the pending group.

Enter the telephone number in the text box.

Circular Hunting - Check this box so that when circular hunting is activated on a hunt group, a call made to the hunt group will hunt through all members of the hunt group, regardless of where the hunting started, until an idle number is found. If circular hunting is not activated on the station, the hunting will stop at the last member defined in the group.

Line Overflow TN - In the Line Overflow TN field, enter a 1-30 digit telephone number to which incoming calls will be directed if all lines are busy. This is a group option, so any changes made to it affect all the members of the Hunt group. Only the Pilot TN may make changes to this field.

Enter the 1-30 digit telephone number in the text box.

DOR - Denied Originate

Denied Originate (DOR) will restrict you from making telephone calls.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

- ◆ DOR is incompatible with the following features:

Automatic Line (AUL)	Directed Call Pickup Barge-In (DCBI)
Call Forward Busy (CFB)	Directed Call Park (DCPK)
Call Forward Don't Answer (CFD)	Directed Call Pickup (DCPU)
Call Forward Fixed (CFF)	Personal Hold (HLD)
Call Forward Intragroup (CFI)	Last Number Redial (LNR)
Call Forward Universal (CFU)	Make Set Busy (MSB)
Call Hold (CHD)	Make Set Busy Intragroup (MSBI)
Conference Call (CNF)	Message Waiting (MWT)
Customer Originated Trace (COT)	Multiple Appearance Directory Number (MADN)
Call Pickup (CPU)	Call Park (PRK)
Dial Call Waiting (CWD)	Ring Again (RAG)
Call Waiting Originating (CWO)	Speed Call Short (SCS)

Business and ISDN Sets

- ◆ DOR may be assigned as a telephone number feature on a business set or ISDN terminal. That is, DOR is assigned to a key with a telephone number appearance.

DROP - Drop Add-on Member of Conference

DROP allows you to drop the last member that was added to the conference.

Available for: ISDN only

Limitations/Incompatibilities

DROP may not be assigned without Flexible Calling (FC) and it must be assigned to a vacant key higher in value to which the FC feature is assigned.

DROP may be assigned to a vacant key on an EKTS or non-EKTS functional ISDN terminal as a Set feature. Once assigned, the DROP feature applies to all telephone number appearances on the set or terminal. When new telephone number appearances are added, the DROP feature is automatically assigned to these new telephone number appearances. Once this feature is assigned, it will be associated with all the directory numbers on your set, as well as any new directory numbers added to your set.

Each logical terminal may have only one DROP feature assigned.

DTM - Denied Termination

The Denied Termination (DTM) restricts incoming calls to a phone set.

Available for: SLS, BSET

- ▶ When the user activates the DTM feature, incoming calls can not terminate at the station.

EBO - Executive Busy Override, Originator

Executive Busy Override, Originator (EBO) will allow you to access a busy telephone.

Available for: SLS, BSET, ISDN, NISDN

- ▶ EBO may be assigned to a vacant key, or as a station feature.

BSET and ISDN Sets Only

- ▶ If assigned to a vacant key on a BSET or ISDN set, all directory numbers on the set will have access to this feature, as well as any new DNs added after this feature has been assigned. If assigned as a station feature, you may use this feature by entering a code.
- ▶ EBO can be accessed on a soft key of an ISDN set.

Limitations/Incompatibilities

Single Line Sets Only

The EBO calling station must be an IBN line in the same customer group as the called station

EBO cannot be assigned to a hunt group station.

EBX - Executive Busy Override, Exempt

Executive Busy Override Exempt (EBX) will keep others that have EBO from accessing your busy telephone.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

Business and ISDN Sets Only

EBX is assigned to a telephone number on your BSET and ISDN set.

EHLD - Electronic Key Telephone Service Hold

Electronic Key Telephone Service Hold (EHLD) will automatically place the current call on hold as you access another call on your telephone set.

Available for: ISDN only

Limitations/Incompatibilities

EHLD only may be assigned to a Multiple Directory Appearance Number (MADN) line supporting Single Call Arrangement (SCA).

EHLD is incompatible with PBL - Private Business Line

FC - Flexible Calling

Flexible Calling (FC) allows you to connect a third party to your telephone conversation, forming a three way conference.

Available for: ISDN only

- ▶ When you turn FC on, you can designate the size conference you desire from a range of 3 to 30. However, depending on your switch, you may not be allowed to designate more than 3, if so, this field will be automatically populated and you will not be able to change it.
- ▶ FC is assigned to a vacant key.
- ▶ Once FC is assigned, it will be associated with all the directory numbers on your set, as well as any new directory numbers added to your set.
- ▶ Additional information is required to activate the FC feature on a set. After you select the FC option, an FC Parameters page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

FC is not supported on stimulus sets.

FC may not be deleted unless Drop Add-on Member of Conference (DROP) and Transfer (XFER) are removed first.

FC Parameters Field Description:

Conference Size - Allows you to specify the number of conferees for the conference. Type a value from 3-30 in the text box.

Note: The conference size must be 3 if the TRANSFER feature CTINC or CTOUT Call Transfer Type options are assigned. For all other conditions, the size should be set between 4 and 30.

GIC - Group Intercom

Group Intercom (GIC) allows you to dial another person within your defined intercom group by dialing an abbreviated number.

Available for: SLS, BSET, ISDN, NISDN

- ▶ When you turn GIC on, you must identify the name of the group you want to belong to, and the member number you want to have assigned to your telephone. You will also have two options. First, you may request station message detailed recordings be kept when GIC is used and second, if you have the make set busy feature assigned for your set, you may want to designate this be ignored for GIC calls.
- ▶ This is a group feature. For ease of application, it is recommended that you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the GIC feature on a set. After you select the GIC option, an GIC Parameters dialog box will display. Use this box to create new or modify existing feature data.

BSET Only

- ▶ GIC can be assigned to one or more vacant keys on the BSET and is available to all directory numbers on the set as well as those added after this feature is assigned.

Limitations/Incompatibilities

Single Line Sets Only

The DMS-100 switch accommodates a maximum of 4095 GIC groups.

All members of an intercom group must be members of the same customer group.

A customer group may have more than one GIC group.

A station only can be a member of one GIC group.

GIC is incompatible with the following features: Multiple Appearance Directory Number (MADN) (not currently available), and Name Display (NAME).

Business and ISDN Sets Only

GIC is assigned to one or more keys on the BSET and is available to all DNs on the set as well as those added after this feature is turned on.

GIC is incompatible with the following features: Directed Call Pickup (DCPU), Directed Call Pickup Exempt (DCPX), Electronic Key Telephone Service Hold (EHL), and MADN.

GIC Parameters Fields Description:

Group Name - Allows you to specify the name of the intercom group that you want the telephone number to belong to.

Choose the Group Name from the drop-down list.

Member Number - Allows you to specify the number that you are going to assign yourself for the abbreviated dialing.

Enter the Member Number in the text box.

Produce SMDR Records - Check this box to indicate that you want station message detail recording records to be produced when the intercom features are used.

Ignore Make Set Busy - Check this box to enable Ignore Make Set Busy (available with BCS33).

The following fields are not available for SLS:

GIAC # - (BSET only) - Allows you to specify a GIAC group when assigning GIAC.

Choose the GIAC Number from the drop-down list.

GIAC Originator - Check this box to assign GIAC origination capabilities to a station. At least one member of a GIAC group must have origination permission.

HLD - Personal Hold

Permanent Hold (HLD) will allow you to hold a call against your own directory number using a key.

Available for: SLS, ISDN, NISDN

Limitations/Incompatibilities

The customer group must assign a feature access code to the HLD feature.

A station can be assigned both the Call Park and HLD features. In this case, the station can choose which feature to invoke.

HLD cannot be assigned to an automatic line.

HLD is incompatible with the following features: Denied Originate (DOR) and No Double Connect (NDC).

ICM - Personal Intercom

Personal Intercom (ICM) allows you to press a key on your set to send a buzzing tone to another predesignated telephone set. The call will be completed between the two sets if the set you are calling has one idle directory number when you press your ICM key.

Available for: BSET and ISDN

- ▶ ICM can be assigned to one or more vacant keys. This will be available for all directory numbers on your telephone set as well as those added after this feature has been assigned.
- ▶ When you turn ICM on, you will have to identify the telephone number for the person you want to call through ICM and also the key that ICM will appear on, on their set.
- ▶ You will have two options that come with the ICM feature. You may decide not to allow one of the stations to originate intercom calls, and you may also decide to request station message detailed recordings be kept when ICM is used.
- ▶ Additional information is required to activate the ICM feature on a set. After you select the ICM option, an ICM Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

ICM may be assigned to a vacant key on a business set. Once assigned, ICM applies to all DNs on the set.

Business Sets Only

When new DNs are added, the ICM feature is automatically assigned to these new DNs. There can be more than one ICM key on the set or terminal. Since BCS29, ICM is supported on EKTS terminals.

Only one member of the ICM group may have Denied Originate (DOR).

ICM Parameters Field Descriptions:

From TN - Specifies the telephone number of the originating member of the ICM group - display only.

From Button # - Specifies the button number for the ICM of the originating member - display only.

From DOR (Deny Origination) - Check this box to activate Denied Origination (DOR) of an ICM call. When this feature is activated on an ICM call, the subscriber can receive calls only.

From SMDR - Check this box to allow station message detail recording records to be produced when the intercom feature is used.

To TN - Allows you to specify an entry of a Key #1 telephone number on which the second member of the ICM group is to reside.

Enter the telephone number in the text box.

To Button # - Allows you to specify an entry of the Key on which the second member of the intercom group is to reside.

Enter a Button # from 1-69 in the text box.

To DOR - Check this box to activate Denied Origination (DOR) of an ICM call. When this feature is activated on a ICM call, the subscriber can receive calls only.

To SMDR - Check this box to allow station message detail recording records to be produced when the intercom feature is used.

IECFB - Internal/External Split of CF Busy

Internal and External Split of Call Forward Busy (IECFB) defines the call restriction you want to place on your calls that are forwarded because your telephone is busy.

Available for: SLS, BSET and ISDN

- ▶ IECFB will allow you to forward calls from within your customer group to a different telephone number than calls that are from outside your customer group.
- ▶ When you assign IECFB, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature
- ▶ In order to activate or deactivate the IECFB option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

IECFB requires that Call Forward Busy (CFB) is also assigned.

When CFB is deleted, IECFB is automatically deleted.

IECFB is incompatible with the following features: Call Forward Busy External (CBE), Call Forward Busy Internal (CBI), and Directory Number Hunt (DNH).

Business and ISDN Sets Only

IECFB can be assigned to a Key or as a station feature. If assigned as a station feature, you activate it by dialing a special code. You are able to designate some or all of your DNs to have access to this feature.

IECFD - Internal/External Split of CF Don't Answer

Internal and External Split of Call Forward Don't Answer (IECFD) defines the call restriction you want to place on your calls that are forwarded because you do not answer.

Available for: SLS, BSET and ISDN

- ▶ IECFD will allow you to forward calls from within your customer group to a different telephone number than calls that are from outside your customer group.
- ▶ When you assign IECFD, you will be able to designate some or all of the directory numbers on your set to have access to this feature. If you are being served with a standard key list option, the DNs designated to have access to this feature will be the same for all call forwarding features. If you are being served with the enhanced key list option, you can designate a unique set of DNs to have access to this feature

- ▶ In order to activate or deactivate the IECFD option, go to the Call Forwarding Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

IECFD requires that Call Forward Don't Answer (CFD) is also assigned.

When CFD is deleted, IECFD is automatically deleted.

IECFD is incompatible with the following features: Call Forward Don't Answer External (CDE), Call Forward Don't Answer Internal (CDI), and Directory Number Hunt (DNH).

Business and ISDN Sets Only

IECFD is assigned to a Key or as a station feature. If assigned as a station feature, you activate it by dialing a special code. You are able to designate some or all of your DNs to have access to this feature.

INSP - Inspect

The Inspect (INSP) feature provides options for gathering information about incoming calls, station feature keys, and directory number (DN) appearances.

Available for: BSET only

Calling party information

- ▶ Incoming calls - Prior to answering an incoming call, the station user can press the INSP key to display the name and DN of the calling party, if available.
- ▶ Calls to other call appearances on the station - Pressing the INSP key and then pressing an active DN appearance key displays the name and DN of the caller, if available.

Key Information

- ▶ Information about other call appearances - Pressing the INSP key and then pressing an idle DN appearance key displays the assigned phone number and name.
- ▶ Information about station features - Pressing the INSP key and then pressing a feature key displays the feature name and related information.

Limitations/Incompatibilities

INSP must be assigned to a lamped key on a display set.

KSH - Key Short Hunt

Key Short Hunt (KSH) allows you to have your incoming calls search through all or a select number of directory numbers on your set to find an idle line.

Available for: BSET and ISDN

- ▶ KSH can be assigned as a station feature.

- ▶ You may designate all the directory numbers on the set to have access to KSH or just select DNs.
- ▶ Additional information is required to activate the KSH feature on a set. After you select the KSH option, a KSH Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Any Multiple Appearance Directory Number (MADN) in a hunt key list must be the primary directory number of the MADN group.

Secondary DN members of a MADN that belong to different short hunt groups may appear on the same set.

KSH is incompatible with the following features: Personal Intercom (ICM), and Private Business Line (PBL).

KSH Parameters Field Descriptions:

Note: The Overflow TN field and the Route Table field (and its Route Reference #) are mutually exclusive.

Overflow TN - Allows you to specify the 1-30 digit telephone number to which incoming calls should be directed if all lines on the Business Set are busy.

Enter the Overflow TN in the text box.

Route Table - Allows you to specify the name of the routing table to which incoming calls should be directed if all lines on the Business Set are busy and the overflow TN is busy.

Choose the Route Table from the drop-down list.

Route Reference # - This field is required when you select an option from the Route Table drop-down list. Valid choices are 1-1023.

KSMOH - Music on Hold

When an incoming call, to a station with Music on Hold, is placed on hold it is connected to an audio (music) source. When the station user retrieves the call, the party on hold is disconnected from the audio source and reconnected to the station user.

Available for Set Types: BSETS, ISDN, NISDN sets

Limitations/Incompatibilities

KSMOH is compatible with Custom/NI-1 terminals/ lines with an LTCLASS of Functional.

KSMOH is not compatible with Custom/NI-1 terminals/lines with an LTCLASS of Stimulus.

LNR - Last Number Redial

Last Number Redial (LNR) will allow you to redial the last number that was dialed from your set without having to dial the number again.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

LNR can store a maximum of 24 digits. In the case where more than 24 digits are dialed, such as cut-through dialing, only the first 24 digits will be stored.

Feature codes, authorization codes, account codes, or partially dialed numbers are not stored. The previously stored number remains active.

LNR is incompatible with the following features: Automatic Line (AUL) and Denied Originate (DOR).

LNR may be assigned to a telephone number on a BSET or ISDN set.

LNRA - Last Number Redial From Set

Last Number Redial From Set (LNRA) will allow you to redial the last number that was dialed from your set, from any free directory number appearing on your set, without having to dial the number again.

Available for: BSET and ISDN

- ▶ LNRA may be assigned as a station feature.

Limitations/Incompatibilities

LNRA is incompatible with the following features: Automatic Line (AUL), Denied Originate (DOR), and Last Number Redial (LNR).

If a BSET or terminal has a DN that is either a DOR line or an AUL, LNRA can be assigned to the set. Two limitations exist in this case: the telephone number which is DOR or AUL cannot be used when activating LNRA, and a number dialed from a DOR line or an AUL is not redialed on a telephone number on the set using LNRA.

MADN

MADN - Multiple Appearance Directory Number. This functionality allows an analog line to have multiple call appearances on other stations within the Centrex group.

Multiple Appearance Directory Numbers (MADNs) are DNs that have been assigned to two or more telephone sets. The collection of sets on which the MADN resides is considered a MADN group.

Available for: SLS, BSET and ISDN

- ▶ A MADN group cannot exceed more than 32 stations.

- ▶ There are three call arrangements you may select from for a MADN group - Single Call Arrangement, Multiple Call Arrangement, and Call Appearance Call Handling.
- ▶ MADN is a group feature. For ease of application, it is recommended that you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the MADN feature on a set. After you select the MADN option, a MADN Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Primary MADN members only can assign Call Forwarding features. Call Pickup (CPU), Call Park (PRK), Ring Again (RAG), Automatic Line (AUL), Three Way Calling (TWC), and Call Wait Terminating (CWT) may be assigned per member. Members may be assigned to different CPU groups.

You cannot delete MADN from the single line set if more than one member exists. To delete MADN from the single line set, the other members must be deleted first.

Business and ISDN Sets Only

MADN is incompatible with Denied Originate (DOR), Directory Number Hunt (DNH), Group Intercom (GIC), Automatic Answer Back (AAB), and Private Business Line (PBL).

Call Pickup can be assigned per member of the MADN group and the members do not have to be in the same call pickup group. PRK, RAG, AUL, TWC, and CWT also may be assigned per member.

Call Forwarding may be assigned only to the Primary member of the MADN group.

MADN Parameters Field Descriptions:

TN - Display only text area that shows the primary station telephone number.

Button - Display only field that shows the selected button number.

Network Name - Allows you to provide identification for your network name. Once selected, this will appear in the tree view as MEMDISP.

Choose the Network Name from the drop-down list.

Display Name - Allows you to assign a network name for display purposes. Valid choice is a 1-15 alphanumeric character string.

Enter the Display Name in the text box.

MADN Type

Single Call Arrangement (SCA) - Multiple Call Arrangement (MCA) - Call Appearance Call Handling (CACH) - Select the radio button to choose a call arrangement type for the MADN group.

Note: The MCA option is not available for Functional EKTS sets.

Primary MADN Location - Check this box to designate this member as the primary member. The member must be the Primary MADN member with the Call Forwarding and Key Short Hunt line features.

CACH Controller - Display only check box identifying this MADN as the controller.

SCA/CACH Attributes

Note: Any attributes selected will apply to all appearances of the associated telephone number. Setting these values will reset any preexisting selections.

Deny Treatment

Silence - Tone - Select the radio button to define the type of audible treatment that should be given to a member telephone number when the member is not successful in accessing the MADN line or when bridging is not allowed (or not possible). Silence means for an indefinite period of time.

Bridging

Allowed - Denied - Selecting this radio button allows you to give this directory number the ability to pick up the hand set and bridge into a call that another MADN member is talking on. You may also turn on a tone to let the conferees know someone has just bridged in on their call. If you select **Allowed** the following fields are activated:

Bridge Size - Allows you to specify how many conferees can bridge into the call.

To establish the bridge size, type a value from 3-30 members or use the spinner controls.

Bridge Tone

Don't Give Tone - Give Tone - Select the radio button to specify if a tone should be heard by the external party and all active MADN members whenever a new member bridges into the call.

Initial Status

Initially Not Private - Initially Private - Select the radio button if a call is normally private or not.

Privacy Release Mode

Manual - Automatic - Select the radio button (these radio buttons apply only to groups whose Initial Privacy Status is Initially Private).

MADN Ring Forward

MADN Ring Forward - Check this box to activate MADN Ring Forward.

Options: Select the radio button for the option you wish to activate.

Never - Your line will never ring.

Always - Your line will always ring until the call is answered or the caller hangs up.

Abbreviated - The line rings for a specified amount of time.

Delayed - The line will ring after a specified amount of time has expired.

Timer - When the Automatic MRF option is activated, this entry determines how long an incoming call waits before it is forwarded.

To establish the forward timer, type a value from 0-60 seconds or use the spinner controls.

CACH (ONLY) Attributes

Call Appearance Reservation - Allows you to determine how the MADN CACH call appearance(s) will handle calls.

Choose the reservation option from the drop-down list. Available options are:

NULL - Allows incoming and outgoing calls on all call appearances

DTM - Allows outgoing calls only

DOR - Allows incoming calls only on all call appearances

DTMEPI - Allows calls to be placed from any call appearance. Only priority incoming calls, calls originating from outside the customer group, may be received.

MADN CACH - Multiple Appearance Call Handling

Multiple Appearance Directory Numbers (MADNs) are DNs that have been assigned to two or more telephone sets. The collection of sets on which the MADN resides is considered a MADN group.

Available for: SLS, BSET and ISDN

- ▶ A MADN group cannot exceed more than 32 stations.
- ▶ There are two call arrangements you may select from for a MADN group - Single Call Arrangement or Multiple Call Arrangement. Both arrangements are available for the single line set, BSET and ISDN set, and are assigned to a directory number.
- ▶ MADN is a group feature. For ease of application, it is recommended that you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the MADN feature on a set. After you select the MADN option, a MADN Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Primary MADN members only can assign Call Forwarding features. Call Pickup (CPU), Call Park (PRK), Ring Again (RAG), Automatic Line (AUL), Three Way Calling (TWC), and Call Wait Terminating (CWT) may be assigned per member. Members may be assigned to different CPU groups.

You cannot delete MADN from the single line set if more than one member exists. To delete MADN from the single line set, the other members must be deleted first.

Business and ISDN Sets Only

MADN is incompatible with Denied Originate (DOR), Directory Number Hunt (DNH), Group Intercom (GIC), Automatic Answer Back (AAB), and Private Business Line (PBL).

Call Pickup can be assigned per member of the MADN group and the members do not have to be in the same call pickup group. PRK, RAG, AUL, TWC, and CWT also may be assigned per member.

Call Forwarding may be assigned only to the Primary member of the MADN group.

MADN Multiple Call Arrangement (MCA)

MADN Multiple Call Arrangement (MCA) - You as a member may pick up a call and it does not cause a busy status for the other group members. Additional calls may ring into the group and can be answered by other members in the group. The total calls (both calls made and calls received) can be equal to, but cannot exceed the number of MADN members in the group.

MADN Names

The Multiple Appearance Directory Number (MADN) Names will allow you to provide identification for MADN members whether they are the primary or secondary member of a group.

Available for: SLS, BSET and ISDN

- ▶ MADN Network Name may allow you to select from two or more names providing one of them is "public".
- ▶ MADN Display Name can be an alphanumeric input up to fifteen characters long - this is what is displayed for telephone sets having a display on them.
- ▶ After you select the MADN option, a MADN Parameters page will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

See MADN

MCH - Malicious Call Hold

Malicious Call Hold (MCH) will allow you to place a call on hold so a trace can be done on the call from the switch. This is generally used if you have an abusive caller.

Available for: BSET and ISDN

- ▶ If MCH is assigned to a key, all the directory numbers on the set will have access to it as well as any new DN's added after this feature is assigned.

Limitations/Incompatibilities

MCH may be assigned to a vacant key on a business set. If assigned to a key, all the telephone numbers on the set will have access to it as well as any new DNs added after this feature is turned on.

MCH also may be activated as a station feature. You can access this feature by dialing a code.

MCMP - Station Camp On

The Station Camp On (MCMP) feature enhances Call Transfer (CXR) BSET capabilities by allowing the station user to transfer a call to a busy station.

Available for: BSET only

- ▶ The calling party is then "camped on" to the busy station. If the busy station does not answer the call within a certain time period, the call is returned to the transferring station.
- ▶ MCMP is used in conjunction with the CXR or Three-Way Calling (TWC) feature as follows:
- ▶ With an incoming call on the line, the station user presses the CXR or TWC key. Once the dial tone is heard, the user dials the third party directory number (DN). If the called number is busy and available for "camp on", the station user's MCMP lamp turns on (CAMP ON will also appear if the set has display capabilities).
- ▶ To transfer the call, the station user presses CXR or TWC key again, then presses the release (RLS) key or hangs up the handset to terminate the station connection.
- ▶ If the busy station does not answer the transferred call within a certain time frame, the call may return to the transferring station. If this occurs, the MCMP lamp will flash. Display stations will show CAMP RECALL.

Limitations/Incompatibilities

MCMP must be assigned to a BSET with CXR or TWC.

MCMP cannot be added to sets with Dial Call Waiting (CWD) assigned as a station feature.

MCMP cannot be assigned to a key greater than 9.

MCMP must be assigned to a key with an indicator lamp.

MCMP can only be assigned to M5009, M5112, M5209, M5212, and M5312 PSETS.

MRF - MADN Ring Forward

You may select ringing options for Multiple Appearance Directory Numbers (MADNs) having the Single Call Arrangement (SCA).

Available for: SLS, BSET and ISDN

- ▶ Ringing options are: Abbreviated, Delayed, Always and Never.

- ▶ After you select the MADN option, a MADN Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

MADN must be assigned to a line before MRF is activated.

MRF can only be assigned to SCA type of MADN groups.

MRF can be added or deleted from any member of the MADN group. The addition or deletion affects the presence or absence of MRF option for the entire MADN group.

Every member of the MADN group must have ring types of Always or Never before the MRF option may be removed.

MRF must be deleted from the MADN SCA group before changing it to a MCA type of MADN group.

Options

Abbreviated - Your line will ring until a specified amount of time has expired.

Always - Your line will always ring until the call is answered or the caller hangs up.

Delayed - Your line will begin ringing after the specified amount of time has expired.

Never - Your line will never ring.

MRFM - MADN Ring Forward Manual

The MADN Ring Forward Manual (MRFM) feature is an enhancement to the ringing options available for the Multiple Appearance Directory Numbers (MADNs) having the Single Call Arrangement (SCA).

Available for: BSET, ISDN, and NISDN

- ▶ MRFM is assigned to a vacant key and you may choose to activate it for all MADN DNs on your set or only a select number of MADN DNs.
- ▶ Additional information is required to activate the MRFM feature on a set. After you select the MRFM option, an MRFM Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

All the DNs you activate this feature for must also have MRF.

When removing MRF from a business set DN appearance, the associated MRFM feature key assignment(s) will be removed entirely if their Keylist(s) is/are made up exclusively of the MADN group member(s) losing the MRF option. If the MRFM Keylist(s) is/are made up of members from more than one MADN group, the Keylist will be modified - removing only DN appearances which is/are losing the MRF option.

MRFM Parameters

There are no fields available for this feature, except for the ability to make a Keylist.

Command Buttons:

Keylist OK Cancel Help

MSB - Make Set Busy

The Make Set Busy (MSB) feature will make your telephone appear to be busy for people calling you. You may continue to make outgoing calls while this is active on your set.

Available for: SLS, BSET, ISDN, NISDN

- ▶ Additional information is required to activate the MSB feature on a set. After you select the MSB option, an MSB Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

MSB takes precedence over all variations of call forwarding.

MSB is incompatible with the following features: Automatic Line (AUL), Denied Originate (DOR), Make Set Busy Intragroup (MSBI).

Business and ISDN Sets Only

MSB may be assigned to a vacant key on a business set and an ISDN terminal. Once assigned, the MSB feature applies to all DN appearances on the set or terminal. When new DN appearances are added, the MSB feature is automatically assigned to these new DN appearances.

MSB may be assigned as a Directory Number (DN) feature on a business set or ISDN terminal. That is, MSB is assigned to a key with a DN appearance.

With NTX878AA, the MSB feature also may be assigned to a vacant key on a business set or ISDN terminal as a Subset feature. That is, MSB optionally may be associated with a subset of the DN appearances on the business set or ISDN terminal.

MSB is incompatible with PBL - Private Business Line

ISDN Sets Only

MSB

MSB Parameters

There are no fields available for this feature, except for the ability to make a Keylist.

Command Buttons:

Keylist OK Cancel Help

MSBI - Make Set Busy Intragroup

The Make Set Busy Intragroup (MSBI) feature will make your telephone appear to be busy for people calling you from within your customer group. People calling you from outside your customer group will ring through.

Available for: SLS, BSET, ISDN, NISDN

- ▶ MSBI may be assigned to a directory number or a vacant key. If it is assigned to a key, you may turn it on for all the directory numbers appearing on your set or for just a select number of DNs. Depending on the switch that serves you, you may not be offered the option of assigning it to other DNs on your set. Rather, it would be activated for all DNs on your set when you assign.
- ▶ Additional information is required to activate the MSBI feature on a set. After you select the MSBI option, an MSBI Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

MSBI takes precedence over all variations of call forwarding.

MSBI is incompatible with the following features: Denied Originate (DOR), Make Set Busy (MSB).

Business and ISDN Sets Only

MSBI may be assigned to a telephone number.

MSBI is incompatible with PBL - Private Business Line

With the switch generic NTX878AA, MSBI also may be assigned to a vacant key.

There are no fields available for this feature, except for the ability to make a Keylist.

Command Buttons:

Keylist OK Cancel Help

MWT - Message Waiting

The Message Waiting (MWT) feature will allow you to receive an indication that you have a message from someone who called you and your telephone was either busy or you didn't answer.

Available for: SLS, BSET, ISDN, NISDN

- ▶ You may select to be notified by a flashing lamp or by a stuttered dial tone.

- ▶ For SLS sets with notification of CMWI or STD you can choose to set notification announcement on or off.
- ▶ You may also want to turn on Call Request (CAR) which is an added enhancement to the MWT feature. If you call someone who has MWT, and their line is busy or they do not answer, you may activate the CAR option and the person you called would receive an indication they have a message waiting. When that person calls the request retrieval feature code, it will automatically ring you back.
- ▶ If you have not gotten your call back and you need to leave your office, you might decide to forward your calls to the location you are going to (via the CFD feature). In order for this call to be forwarded, you have to activate Call Forward Request which is another option of MWT. When you activate this option, you must decide whether you want all your CAR calls forwarded, or to forward calls only if the set has a display on it, or to forward no calls.
- ▶ If you do not want anyone to activate CAR on your line, you may turn on Call Request Exempt (CRX) which is another option of MWT.
- ▶ Additional information is required to activate the MWT feature on a set. After you select the MWT option, a MWT Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

MWT is incompatible with Denied Originate (DOR).

MWT may only be assigned to the primary member of a Multiple-Appearance Directory Number (MADN) group.

Business and ISDN Sets Only

MWT requires Three Way Calling (TWC) to work on the set.

MWT may be assigned to a key on BSETs and ISDN sets and is activated for all DNs on your set as well as any new DNs added to your set after MWT has been turned on.

ISDN Sets Only

MWT may be assigned to a soft key.

MWT Parameters Field Descriptions:

Notification - Allows you to specify how you want to be notified when you have a message from someone who called you and your telephone is busy or you did not answer.

Choose the Message Waiting Notification option from the drop-down list.

The Notification field is available for SLS only.

Notif Announcement - Allows you to specify whether you want Notification Announcement ON or OFF. Checking this box turns it on.

Available only for SLS sets with Notification value of CMWI or STD.

Call Request - Check this box when you want to specify this option for the MWT feature. If you call someone who has MWT, and their line is busy or they do not answer, you may activate the Call Request option and the person you called would receive an indication they have a message waiting. When that person calls the request retrieval feature code, it will automatically ring you back.

Call Forward Request - If you have not gotten your call back and you need to leave your office, you might decide to forward your calls to the location you are going to (via the CFD feature). You would have to activate Call Forward Request for this call to be forwarded. Active only when the **Call Request** box is activated. Valid choices are: A- All, D- Display, and N - No

Choose the Call Forward Request from the drop-down list.

Call Request Exempt - Check this box when you do not want anyone to activate the Call Request feature on your line.

NAME - Name Display

The Name Display (NAME) will allow you to provide identification for your Network Name and also for the name you want displayed when calling someone with a display on their telephone.

Available for: SLS, BSET, ISDN, NISDN

- ▶ The Network Name will allow you to select two names providing one of them is "public". The Display Name can be an alphanumeric input up to fifteen characters long that will be displayed on telephone sets having a display.
- ▶ Additional information is required to activate the NAME feature on a set. After you select the NAME option, a NAME Parameters dialog box will display. Use this box to create new or modify existing feature data.

BSET and ISDN Sets Only

NAME can be assigned to a directory number on the BSET and ISDN sets.

Limitations/Incompatibilities

Business and ISDN Sets Only

NAME may be assigned to PSET with Display, M5209, M5312 sets as well as ISDN terminals (Functional, EKTS).

NAME Parameters Field Descriptions:

Network Name - Allows you to provide identification for your network name. You can select two names (one for the NAME feature and one for the MADN Network Name feature), provided one of them is "PUBLIC".

Choose the Network Name from the drop-down list.

Display Name - Allows you to assign a network name for display purposes. Valid choices are a 1-15 alphanumeric character string.

Enter the Display Name in the text box.

NCOS

NCOS - Network Class of Service Assignment Codes specified for a particular telephone number.

The NCOS code specifies the calling privileges for phone calls going through the network. It also gives a Centrex line explicit call processing instructions. NCOS codes are established by your Local Exchange Carrier (LEC).

Every telephone number has an assigned NCOS code. NCOS elements must include an NCOS name, Line Screening Code and traffic separation number.

NDC - No Double Connect

The No Double Connect (NDC) feature will protect any special lines that you would prefer not to make available for a test or for busy overrides.

Available for: SLS, BSET

Limitations/Incompatibilities

NDC is incompatible with the following features: Conference Call (CNF), Call Waiting Intragroup (CWI), Call Waiting Terminating (CWT), Call Waiting Exempt (CWX), Call Transfer (CXR), Direct Call Pickup Barge-In Exempt (DCBX), Personal Hold (HLD), Call Park (PRK), and Three Way Calling (TWC).

Business Sets Only

NDC may be assigned to a telephone number on the BSET.

NDC may be assigned to PSET with Display, M5209 and M5312.

NDC is incompatible with Group Intercom (GIC).

OLS - Originating Line Select

The Originating Line Select (OLS) feature offers various line selection options when placing calls.

Available for: BSET only

- ▶ Additional information is required to activate the OLS feature on a set. After you select the OLS option, a OLS Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

If OLS is being assigned as a station feature, it must be assigned to key 1. It is not a key feature.

If OLS is being assigned to a Multiple Appearance Directory Number (MADN), it must be assigned to the primary directory number (PDN).

OLS cannot be assigned to a non-primary MADN DN.

OLS is not compatible with Automatic Call Distribution (ACD) sets.

OLS Parameters Field Descriptions:

Originating Treatment - Allows you to specify options for placing calls. Valid choices are:

I - Idle - Automatically connects to an idle line when the station user goes off-hook. If more than one line is idle, the search starts with the primary telephone number up to the highest TN key.

To override the Idle option, the end user can select a TN key before going off-hook.

N - Noselect - Requires that the end user manually select a telephone number key. Going off-hook does not select a telephone number for origination. You will hear silence until a TN key is pressed, which activates a dial tone.

Choose the Originating Line Select activation option from the drop-down list.

PBL - Private Business Line

The Private Business Line (PBL) feature will allow you to simulate a private telephone line on one of the keys on your set. This means you do not have to dial a prefix (commonly 9 or 8) to call someone outside your customer group.

Available for: BSET and ISDN

Limitations/Incompatibilities

- PBL is assigned to a directory number.
- More than one PBL per set is allowed.
- PBL is incompatible with the following features:
Automatic Line (AUL), Call Forward (CF), Call Pickup (CPU),
Call Waiting Intragroup (CWI), Call Waiting Terminating (CWT),
Denied Incoming (DIN), Electronic Key Telephone Service Hold (EHL),
Key Short Hunt (KSH), Multiple Appearance Directory Numbers (MADN),
Make Set Busy (MSB), Make Set Busy Intragroup (MSBI),
and Requested Suspension (RSUS).
- The following business set features that possess a key, are not valid on Private Business Lines:
Call Transfer (CXR), 3-Way Calling (TWC), Ring Again (RAG),
Speed Calling, Automatic Dial (AUD), Conference 6-Port, Intercom,
Busy Override, Automatic Answer Back (AAB), and Make Set Busy (MSB).

Business Sets Only

- PBL cannot be assigned to a Key #1 telephone number.

PCACIDS - Privacy Change Allowed CIDS

The Privacy Change Allowed feature gives control to allow or disallow subscriber ability to restrict or allow privacy status changes. The PI or presentation indicator (PI) is set by line option PCACIDS.

- ▶ Additional information is required to activate the PCACIDS feature on a set. After you select the PCACIDS option, a PCACIDS Parameters dialog box will display. Use this box to create new or modify existing feature data.

Available for Set Type: NISDN sets

PCACIDS Parameters dialog box fields:

Presentation Indicator - Check this box if the subscriber may control their privacy status.

PCF - Preferred Call Forwarding

The Preferred Call Forward (PCF) feature allows you to define a list of possible incoming directory numbers (DN) and a target destination number.

Available for: SLS, BSET, ISDN, NISDN

- ▶ Preferred Call Forward List (PCF List) is built using the Screening List Editing (SLE) feature.

Limitations/Incompatibilities

PCF is incompatible with the following features: Call Forwarding for Secondary Multiple Appearance Directory Number (CFSMADN) and Electronic Key Telephone Service Hold (EHLD).

PCF cannot be assigned to members of MADN Multiple Call Arrangement (MCA) groups.

PCF cannot be assigned to MADN Single Call Arrangement (SCA) non-primary numbers.

PRK - Call Park

Call Park (PRK) will allow you to park a call against your telephone number, and then continue to make or receive calls on your telephone number.

Available for: SLS, BSET, ISDN, NISDN

- ▶ This parked call can be retrieved from anyone within your customer group.

Limitations/Incompatibilities

PRK is incompatible with the following features: Denied Originate (DOR) and No Double Connect (NDC).

Business and ISDN Sets Only

PRK may be assigned to a key on a BSET or ISDN set. If PRK is assigned to a Key, it will be available to all the telephone numbers on your set as well as any new DN's added to your set after this feature has been turned on.

PRK may also be activated as a station feature. To use PRK, you dial a special code.

ISDN Sets Only

PRK may be assigned to a soft key.

PRL - Privacy Release

If you are in a MADN Single Call Arrangement group and you have the bridging capability, you may assign Privacy Release (PRL) to a vacant key and this will allow you to establish a conference call among MADN lines within your group and an outside caller.

Available for: BSET and ISDN

- ▶ In order to activate or deactivate the PRL option, go to the MADN Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

PRL may be assigned to a vacant key on a business set or an ISDN terminal. You will be able to use this key feature on any telephone number on your set, or any new telephone numbers added after this feature has been turned on.

ISDN Sets Only

PRL may be assigned to a soft key.

Automatic - Allows any number of members to bridge into the call after privacy has been explicitly released.

Manual - Allows only one member to bridge into the call after privacy has been explicitly released. Privacy is immediately reinstated as soon as a member bridges into the call.

PRV - Privacy

If you are in a MADN Single Call Arrangement group and you have the bridging capability, you may assign Privacy (PRV) to a vacant key and use this key to toggle the privacy on and off.

Available for: BSET and ISDN

- ▶ Your initial privacy status needs to be set to non-private for this. PRV is available for the BSET and ISDN set, and is assigned to a vacant key. You will be able to use this key feature on any directory number on your set, or any new directory numbers added after this feature has been assigned.
- ▶ In order to activate or deactivate the PRV option, go to the MADN Parameters dialog box. Use this box to modify other parameters as well.

Limitations/Incompatibilities

PRV may be assigned to a key on a BSET or ISDN set. You will be able to use this key feature on a telephone number on your set, or any new telephone numbers added after this feature has been turned on.

QBS - Query Busy Station

The Query Busy Station (QBS) feature monitors the set status of a specified telephone number. When the station user presses the QBS key, the associated lamp indicates the telephone number station status.

Available for: BSET

- ▶ If the monitored station is off hook, the lamp will flash. The feature parameters can also be set to include a one second tone burst. The lamp will stay lit for five seconds and then the querying station exits the monitor mode.
- ▶ If the monitored station is busy, the lamp is turned on until the station becomes idle or the request is canceled. The lamp will flash when the monitored station returns to idle status. If the tone option has been set, the querying station will emit a one second tone. After five seconds the lamp will turn off and the querying station will exit the monitor mode.
- ▶ Additional information is required to activate the QBS feature on a set. After you select the QBS option, a QBS Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

QBS must be assigned to a key with an indicator lamp.

QBS Parameters Field Descriptions:

Monitored Station - Required when the Query Busy Station (QBS) feature is activated. This field specifies the telephone number that will be monitored by the Station User. The valid value is a 1-7 digit DN, based on dial plan permissions. Enter the Monitored Station in the text box.

Buzz - Check this box to determine whether a buzz tone is used in conjunction with the key indicator lamp to denote an idle monitored station.

QTD - Query Time and Date

Query Time and Date (QTD) will display the current time and date on your display box on your BSET set.

Available for: BSET

- ▶ QTD can be assigned to a vacant key.
- ▶ A lamp is not required for this feature.

Limitations/Incompatibilities

QTD may be assigned to a key on a BSET set. Once assigned, it is available to all DNs on your set as well as any new DNs added to your set after QTD has been turned on.

RAG - Ring Again

When you call someone and the line is busy, you may activate the Ring Again (RAG) feature and then hang up your telephone. As soon as the person you called is off their telephone you will get a ring back tone. When you pick up your telephone set, the telephone for the person you were trying to reach will begin ringing.

Available for: SLS, BSET, ISDN

Limitations/Incompatibilities

RAG cannot be assigned to Automatic or Manual Lines. It cannot be assigned to lines denied originating or terminating service.

Single Line Sets Only

Both the calling and called stations must belong to the same customer group.

RAG is incompatible with Denied Originate (DOR), Automatic Callback (ACB), and Automatic Recall (AR).

Business and ISDN Sets Only

RAG may be assigned to a vacant key on a BSET or ISDN set. Once assigned, RAG is available to all DNs on the set, as well as any new DNs added after the feature has been turned on.

ISDN Sets Only

RAG may be assigned a soft key.

REASDSP - Reason Display

The Reason Display (REASDSP) feature will display on the display box of your BSET or ISDN set, the reason why a call was redirected.

Available for: BSET and ISDN

- ▶ You may choose to have this message displayed based on the default set, or you may select another display option (e.g., Spanish, French, etc.).
- ▶ This feature is available for the BSET and ISDN sets and is assigned to a key or as a station feature. If assigned to a vacant key, this feature will be available to all the directory numbers on your set as well as any new DNs added to your set after this feature has been assigned. If this is assigned as a station feature, you would use it by dialing a special code.
- ▶ Additional information is required to activate the REASDSP feature on a set. After you select the REASDSP option, an REASDSP Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

REASDSP may be assigned to PSET with Display, M5209, M5312 sets as well as ISDN terminals (functional, and EKTS).

REASDSP only may be activated as a station feature. You would access REASDSP by dialing a special code.

If Display is removed from the PSET (blanking out the Display field), then REASDSP is automatically deleted.

REASDSP Parameters Field Descriptions:

Set Name - Allows you to assign a reason set for display purposes.

Choose the Set Name from the drop-down list.

RLS - Release Key

For some features, you may cancel the feature programming from your set by pressing the Release Key (RLS).

Available for: ISDN only

- ▶ RLS can be assigned to a vacant key or a soft key.

Limitations/Incompatibilities

RLS cancels programming for: Automatic Dial (AUD), Call Forward Universal (CFU), Call Forward Intragroup (CFI), Speed Calling User (SCU), Speed Calling Long List (SCL), and Speed Calling Short List (SCS).

RSUS - Requested Suspension

The Request Suspend (RSUS) feature will allow you to suspend incoming calls to your line and give the caller an announcement or some type of special treatment. This will also allow you to suspend calls from being made from your telephone and give the person dialing on your set a stutter dial tone or some type of special treatment.

Available for: SLS, BSET, ISDN, NISDN

- ▶ Additional information is required to activate the RSUS feature on a set. After you select the RSUS option, an RSUS Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

RSUS should not be used in HUNT groups.

Business and ISDN Sets Only

RSUS is assigned to a directory number on BSETs and ISDN sets. RSUS is not supported on functional sets in BCS27 and BCS28.

RSUS is incompatible with PBL - Private Business Line

RSUS Parameters dialog box fields:

Origination Treatment - When a line is suspended, calls that originate from this line will be routed to the treatment specified in this field.

Choose the Origination Treatment from the drop-down list.

Termination Treatment - When a line is suspended, calls that terminate from this line will be routed to the treatment specified in this field.

Choose the Termination Treatment from the drop-down list.

Note: To restore the station, blank out the entries in both the Origination Treatment and Termination Treatment fields

SCA - Selective Call Acceptance

Selective Call Accept (SCA) accepts incoming calls from a set of previously identified directory numbers (DN). Use the Screening List Editing (SLE) feature to build the list of accepted DNs.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

SCA is incompatible with the following features: Denied Incoming (DIN) and Electronic Key Telephone System Hold (EHLN).

SCA cannot be assigned to members of MADN Multiple Call Arrangement (MCA) groups.

SCA cannot be assigned to MADN Single Call Arrangement (SCA) non-primary numbers.

SCA Attributes - Silence - If a MADN member picks up a line that is already in use, there will be no audible signal. The line will be silent.

SCA Attributes - Tone - If a MADN member picks up a line that is already in use, there will be an audible acknowledgement signal.

SCA Parameters Field Descriptions:

Owner Of List (TN) - Allows you to specify the NPA and 7-digit telephone number of the station whose speed calling list you want to share. The SCL feature must be activated for the telephone number that you enter.

Note: The Per Call Billing field may not be required for your feature type. If it is not, the field will not be displayed.

SCL - Speed Call Long

Speed Call allows you to make calls by using an abbreviated number instead of the full telephone number. The Speed Call Long (SCL) feature allows you to establish a Speed Call Long (SCL) list with you as the owner of the list.

Available for: SLS, BSET, ISDN, NISDN

- ▶ When you establish a list, you must designate how large the list will be (up to seventy telephone numbers depending on the service to which you have subscribed).
- ▶ This list may belong to you alone, or others may also access and use the numbers programmed on your list. However, if the SCL is assigned to you, only you can make changes to the list.
- ▶ This is a group feature. It is recommended you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the SCL feature on a set. After you select the SCL option, an SCL Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

Single Line Sets Only

SCL is incompatible with with the following features: Automatic Line (AUL) and Speed Call User (SCU).

Business and ISDN Sets Only

SCL may be assigned to a vacant key on a business set or an ISDN terminal. If assigned to a key, SCL will be available to all DNs on your set as well as any new DNs added to your set after this feature has been turned on.

SCL also may be activated as a station feature. If assigned this way, you would use SCL by dialing a special code.

SCL Parameters Field Description:

List Size - Allows you to designate how large the speed calling list will be. Required. Valid choices are 30, 50, and 70.
Choose the List Size from the drop-down list.

SCMP - Series Completion

Series Completion (SCMP) is a feature which allows you to redirect incoming calls to another telephone number when your telephone number is "busy".

Available for: SLS, BSET, ISDN, NISDN

- ▶ The target telephone number to which the calls are redirected is specified as a parameter of the SCMP line option. The telephone number to which calls are redirected must be a 7 or 10 digit telephone number that resides in the same switching machine as the base telephone number.
- ▶ Calls are redirected only if the called telephone number is in a busy state. If the called telephone number is not in a busy state, the call is treated as it normally would be.
- ▶ Additional information is required to activate the SCMP feature on a set. After you select the SCMP option, a SCMP Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

The telephone number to which calls are redirected may not be the same as the telephone number with the SCMP feature.

SCMP Parameters Field Descriptions:

NPA - Number Plan Area Code. The NPA can be a minimum of 3 digits and a maximum of 7 digits in length.

Note: This field will only be visible for 10+ digit centrex support. If it is not visible, your Local Exchange Carrier can determine if this option is available to you.

SCMP TN - Allows you to specify the telephone number an incoming call will attempt to complete to in the event the called telephone number with the SCMP feature is in a busy state.

Enter the SCMP TN in the text box.

SCS - Speed Call Short

Speed Call allows you to make calls using an abbreviated number instead of the full telephone number. The Speed Calling Short (SCS) feature will allow you to have your own personal speed call list which provides up to ten telephone numbers.

Available for: SLS, BSET, ISDN, NISDN

- ▶ No one else will have access to your speed call list.

Limitations/Incompatibilities

SCS is incompatible with the following features: Automatic Line (AUL) and Denied Originate (DOR).

Business and ISDN Sets Only

SCS may be assigned to a vacant key on a business set or an ISDN terminal. If assigned to a vacant key, SCS will be available to all the DNs on your set as well as any new DNs added to your set after this feature has been turned on.

SCS may also be activated as a station feature. If assigned as this, you would use SCS by dialing a special code.

SCU - Speed Call User

Speed Call allows you to make calls using an abbreviated number instead of the full telephone number. The Speed Call User (SCU) feature will allow you to use a speed call list that is owned by someone else have the SCL feature.

Available for: SLS, BSET, ISDN, NISDN

- ▶ You will have to identify the telephone number for the person owning the list you want to join, and you may also designate whether you should be denied making long distance calls to people on the list.
- ▶ This is a group feature. For ease in application, it is recommended you use the Group Management screen to assign this feature.
- ▶ Additional information is required to activate the SCU feature on a set. After you select the SCU option, a SCU Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

A Speed Calling User can have access to only one Speed Calling long list. If the controller has both a long and short list, a user only has access to the long list. However, the user may have their own short list.

SCU is incompatible with Automatic Line (AUL) and Speed Call Long (SCL).

Business and ISDN Sets Only

SCU may be assigned to a vacant key on a business set or an ISDN terminal. If assigned to a key, this feature will be available to all DNs on your set as well as any new DNs added to your set after this feature has been turned on.

SCU also may be activated as a station feature. If assigned this way, you may access this feature by dialing a special code.

SCU Parameters Field Descriptions:

Owner Of List (TN) - Allows you to specify the NPA and 7-digit telephone number of the station whose speed calling list you want to share. The SCL feature must be activated for the telephone number that you enter.

Note: The NPA field will only be visible for 10+ digit centrex support. If it is not visible, your Local Exchange Carrier can determine if this option is available to you.

Enter the Owner Of List (TN) in the text box.

Toll Denial - Check this box if you want to prohibit this set from making toll calls.

SOR - Station Outgoing Restriction

The Station Originating Restriction (SOR) feature enables a station to have its dialing restrictions modified by someone with Station Outgoing Restriction Control (SORC) capabilities.

Available for: SLS, BSET

- ▶ Additional information is required to activate the SOR feature on a set. After you select the SOR option, a SOR Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

SOR is incompatible with Multiple Appearance Directory Number (MADN) groups and all types of hunt groups, except Directory Number Hunt (DNH) groups. This restriction is required because SOR can be activated by the directory number. In the case of MADN groups and other hunt groups that are not DNH, the directory number is not unique.

The station must be in a SOR group to activate the SOR feature.

Any set type can belong to a SOR group.

SOR Parameters dialog box field:

SOR Group # - Allows you to specify a one or two digit group number that is the DNs assigned to the Station Outgoing Restriction (SOR) group. To assign a SOR group, select the appropriate number of an existing SOR group number and corresponding code from the drop-down list.

Choose the SOR Group # from the drop-down list.

SORC - Station Outgoing Restriction Control

The Station Outgoing Restriction Control (SORC) feature enables a station user to place calling restrictions on another directory number (DN) or a group of DNs in the same SOR group.

Available for: SLS, BSET

- ▶ The SOR controller assigning a restriction level goes off-hook, dials an access code, then presses the asterisk (*) followed by the station number to be controlled. If the restrictions apply to a SOR group, the group number should be entered in place of a specific DN. The asterisk is pressed again followed by the appropriate restriction code.
- ▶ The SOR levels are as follows:
 - Level 0 - All network class of service (NCOS) calls are allowed.
 - Level 1 - Only intragroup calls and calls specified on an exception list are allowed.
 - Level 2 - Only intragroup calls are allowed.
 - Level 3 - Only calls specified on an exception list are allowed.
 - Level 4 - No calls are allowed.

Note: All restriction levels can dial 911 for emergency services.

Limitations/Incompatibilities

There can be up to 64 SOR groups assigned per custid.

Because an asterisk is required to use SORC, the SOR controller must have a SLS with DTMF capabilities.

Because an asterisk is required to use SORC, the SOR controller must have a BSET with DTMF capabilities.

The station must be in an SOR group to activate the SOR feature.

Any set type can belong to an SOR group.

SOR is incompatible with Multiple Appearance Directory Number (MADN) groups and all types of hunt groups, except Directory Number Hunt (DNH) groups. This restriction is required because SOR can be activated by the directory number. In the case of MADN groups and hunt groups that are not DNH, the DN is not unique.

SSAC - Station Specific Authcode

The Station Specific Authcode (SSAC) feature allows you to restrict an authorization code to a specific phone set. This limitation increases security by proving that calls are made by the person using a particular SSAC, since the authorization code is linked to that person's station.

Available for: SLS, BSET, ISDN, NISDN

- ▶ SSAC eliminates the problem of unauthorized long distance charges and unfamiliar DNs appearing on users accounts by verifying the authorization code against the active station prior to granting calling privileges.

- ▶ Additional information is required to activate the SSAC feature on a set. After you select the SSAC option, an SSAC Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

SSAC is incompatible with hunt groups and Multiple Appearance Directory Number (MADN).

SSAC - Station Specific Authorization Codes - These codes allow access to Authorization Codes only from an assigned station.

SUPAC - Super Authorization Codes - These codes allow access to privileges provided by an Authorization Code from any station.

SW - System Wide Authorization Codes - These codes are used to access long distance services from phones in public areas. The codes can be accessed from all stations except those with SSAC assigned.

SSAC Parameters dialog box field:

Code Fields (1-7) - Allows you to specify a two to ten digit authorization code number. This number will only be accessible from the assigned set and will override any preset Network Class Of Service (NCOS) restrictions.

Enter the Code Field in the text box.

TLS - Terminating Line Select

The Terminating Line Select (TLS) feature offers various line selection options when answering calls.

Available for: BSET only

- ▶ Additional information is required to activate the TLS feature on a set. After you select the TLS option, a TLS Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

If TLS is being assigned as a station feature, it must be assigned to key 1. It is not a key feature.

If TLS is being assigned to a Multiple Appearance Directory Number (MADN), it must be assigned to the primary directory number (PDN). It cannot be assigned to a non-primary MADN DN.

TLS line options are not compatible with Automatic Call Distribution (ACD) sets.

TLS Parameters Field Descriptions:

Terminating Treatment - Allows you to specify options for answering calls. Valid choices are I and N:

I - Incoming - Automatically connects to an incoming call when the station user goes off-hook. If more than one call is presented, they are answered in the order they are received. Ringing calls take priority over non-ringing calls. To override the incoming option, the end user can select a telephone number key before going off-hook.

N - Noselect - Requires that the end user manually select a telephone number key. Going off-hook does not select a telephone number to answer the incoming call. You will hear silence until a TN key is pressed.

Choose the Terminating Treatment activation option from the drop-down list.

TRANSFER - Conference and Call to Call Transfer

Transfer is a sub-option of the Flexible Calling (FC) feature. Transfer allows a FC subscriber to establish two types of transfers; conference transfers where remaining conferees continue to be connected to each other after the controller exits and call-to-call transfers where a party from one non-conference call is transferred to another party from another non-conference call.

Available for Set Type: NISDN sets

- ▶ Additional information is required to activate the Transfer feature on a set. After you select the Transfer option, a **Transfer Parameters** dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

The **Flexible Calling (FC)** option must currently exist or be part of the transaction before TRANSFER can be assigned.

If TRANSFER is being assigned to a feature key, the key number must be greater than the feature key number assigned to FC. For instance, if FC was currently assigned to key #4, then TRANSFER could only be assigned to key # 5 or higher unless being assigned to a DN.

Transfer must be assigned to a Functional Set (BRAFS) and the Circuit Switch Access Privilege (CS) must be set to NI2.

The last appearance of an FC feature cannot be removed if the TRANSFER feature exists, without first removing TRANSFER.

AC - May only be transferred to an Attendant.

INTER - May only be transferred to someone outside your customer group.

INTRA - May only be transferred to someone within your customer group.

NOCXFER - May not transfer any calls.

TRATER - May be transferred to someone within or outside your customer group.

Transfer Parameters Field Descriptions:

Transfer Type - Allows you to specify additional restrictions you would like to place on this set. Valid choices are EXP, IMP, or NOTRANS,. The available options are determined by feature type. e.g., station features will have a different selection than button features.

Choose the Transfer Type from the drop-down list.

Call Transfer Type - Allows you to specify what type of call transfer restrictions you would like to place on this set. Valid choices are CTINC, CTOUT, CTINTRA, CTALL, or Custom.

Choose the Call Transfer Type from the drop-down list.

Note: The FC feature conference size must be 3 if the CTINC or CTOUT Call Transfer Type options are assigned.

Originating Intergrp - Allows you to specify what type of originating inter-group restrictions you would like to place on this set if the Custom option is selected. Valid choices are TRATER, NOCXFER, INTRA, INTER, or AC.

Choose the Originating Intergrp from the drop-down list.

Terminating Intergrp - Allows you to specify what type of terminating inter-group restrictions you would like to place on this set if the Custom option is selected. Valid choices are TRATER, NOCXFER, INTRA, INTER, or AC.

Choose the Terminating Intergrp Type from the drop-down list.

Originating Intragrp - Allows you to specify what type of originating intra-group restrictions you would like to place on this set if the Custom option is selected. Valid choices are TRATER, NOCXFER, INTRA, INTER, or AC.

Choose the Originating Intragrp from the drop-down list.

Terminating Intragrp - Allows you to specify what type of terminating intra-group restrictions you would like to place on this set if the Custom option is selected. Valid choices are TRATER, NOCXFER, INTRA, INTER, or AC.

Choose the Terminating Intragrp Type from the drop-down list.

Attendant Call Transfer with Flash - Allows calls received from outside the customer group as well as calls placed to stations outside the customer group, to be transferred to the attendant.

Call Transfer All - Allows all calls received or placed to be transferred to any other telephone number. There is no customer group affiliation needed.

Call Transfer Incoming - Allows calls from outside the customer group to be transferred to another party that is within your customer group.

Call Transfer Intragroup - Allows calls from within or outside the customer group as well as calls placed to stations outside the customer group, to be transferred to another party that is within the customer group.

Call Transfer Outgoing - Allows calls received from outside the customer group as well as calls placed to stations outside the customer group, to be transferred to another party that is within the customer group.

Custom (CUSTOM) - Allows customization of call transfer handling for; calls received within the customer group, calls received from outside the customer group, calls made to someone within the customer group, and calls made to someone outside the customer group.

No Transfer - Allows calls received from outside the customer group to be transferred to the attendant.

TWC - Three Way Calling

Three Way Calling (TWC) allows you to jump between calls or have a three way conversation with two other calls.

Available for: SLS, BSET, ISDN, NISDN

Limitations/Incompatibilities

TWC is incompatible with No Double Connect (NDC).

Business and ISDN Sets Only

TWC may be assigned to a vacant key on a business set.

ISDN Sets Only

TWC may be assigned to a soft key.

UCD - Uniform Call Distribution

Uniform Call Distribution (UCD) allows you to distribute calls equitably among a predetermined group of stations.

Available for: SLS, BSET

- ▶ UCD is activated or deactivated through dialed access codes, followed by the "prime" DN of the desired UCD group.

UCDLG - UCD Auto Login

UCD Auto Login (UCDLG) allows a BSET station with the Uniform Call Distribution (UCD) feature to "log" into a predefined UCD group automatically, enabling the user to depress a key and become a member of the designated UCD group without dialing an access code or dialing a lead "prime" DN.

Available for: BSET

- ▶ Additional information is required to activate the UCDLG feature on a set. After you select the UCDLG option, an UCDLG Parameters dialog box will display. Use this box to create new or modify existing feature data.

UCDLG Parameters Field Descriptions:

UCD Group Name - Allows you to assign the (UCD) Uniform Call Distribution feature. The drop-down list for this field will display the valid UCD group names for your customer

Choose the UCD Group Name from the drop-down list.

XFER - FC-Transfer

Another option of the flexible calling arrangement is the type of call transfer (XFER) restrictions you would like to place on this set.

Available for: ISDN only

- ▶ Additional information is required to activate the XFER feature on a set. After you select the XFER option, an XFER Parameters dialog box will display. Use this box to create new or modify existing feature data.

Limitations/Incompatibilities

XFER may be assigned to a key on the ISDN set. Once assigned XFER is associated with all the telephone numbers on your set, as well as any new DNS added to your set.

Each set may have only one XFER feature assigned.

XFER may not be assigned without Flexible Calling (FC). It must be assigned to a key that is higher in value than the key that FC resides on (i.e., if FC is on key 3, then XFER must be assigned to key 4 or higher).

XFER Parameters Field Descriptions:

XFER Type - Allows you to specify what type of call transfer restrictions you would like to place on this set. Valid choices are CTINC, CTOUT, CTINTRA, CTALL, NCT, ATTRCLF, or CUSTOM.

Choose the XFER Type from the drop-down list.

Note: If CUSTOM is entered as the XFER Type, you must also make entries in the Originating and Terminating fields.

Originating Intergroup - Allows you to select the first leg of the call. When a group is selected, the first leg of the call is Intergroup and the controller is the originator of the call.

Choose the Originating Intergroup from the drop-down list.

Originating Intragroup - Allows you to select the first leg of the call. When a group is selected, the first leg of the call is Intragroup and the controller is the originator of the call.

Choose the Originating Intragroup from the drop-down list.

Terminating Intergroup - If CUSTOM was chosen as the XFER Type, allows you to select the first leg of the call. When a group is selected, the first leg of the call is Intergroup and the controller is the terminator of the call.

Choose the Terminating Intergroup from the drop-down list. See the CUSTOM pop-up for choice descriptions.

Terminating Intragroup - If CUSTOM was chosen as the XFER Type, allows you to select the first leg of the call. When a group is selected, the first leg of the call is Intragroup and the controller is the terminator of the call.

Choose the Terminating Intragroup from the drop-down list. See the CUSTOM pop-up for choice descriptions.