MULTISERV SERVICE - EWSD
SERVICE REQUEST FORM - RF-3658

Reminder!
The Project Notification Form must be submitted prior to the completion and submission of the BellSouth Centrex/UNE P Centrex Ordering Form. For additional information please contact your Account Team/Clec Care.

The MultiServ[sm] Service request form RF-3658 is the main ordering vehicle for MultiServ[SM] and MultiServ[sm] Plus Service as served by the EWSD switch for subsequent activity. For the initial establishment of MultiServ/MultiServ PLUS, the EOMS (ESSX Order Management System) should be used. RF-3658 is used as a preliminary inquiry to determine if the MultiServ capacity is available. It is then changed to an ordering document if equipment is available and the customer buys the service. The same form is to be used to make revisions after a MultiServ or MultiServ PLUS system is installed.

Note: Attach the LSR Form ,End User Form and DL form (DL Form only applicable when ACT TYPE=N) to this document when you are ready to process the order with your Account Team/CLEC Care representative.

The customer name and listed directory number should be shown on each page of the ordering document.

Line-By-Line Instructions for MultiServ - Service Request - RF-3658

Pages 1 & 2

Following is an item by item explanation for the information required on the Service Request - Pages 1 and 2. Information requested, prior to Item 1, should be completed as follows:

Check the appropriate square(s) for:
- MultiServ[sm] Service
- MultiServ[sm] Plus Service
- New Service Request
- Order
- Supplement
- Conversion
- Cancellation
- Special Assembly
- MAS (Multi Account Service)
- SCS (Systems Communications Service)
- TSF (Tandem Switching Features)
- Disconnect Entire System (Provide CTX name)

[SM]Service Mark of BellSouth Corporation

For MultiServ/MultiServ PLUS a proposal inquiry is always required prior to requesting service. It is very important that the customer has agreed to purchase MultiServ/MultiServ PLUS prior to preparation of the proposal inquiry.

Normally, the New Service field will be checked on the initial issue of this form for a given customer. This will provide notice that a prospective customer is interested in the service and that equipment requirements are needed. Pages 1 and 2 of the Service Request Form, including Item 33 on page 2, must be completed for all New Service requests. Pages 6, 7, 8 & 9 should also be attached if any Private Facilities are being requested.

After equipment requirements are known, the Proposal Inquiry square that was checked should be lined through and the Order block should be checked.
This indicates that a MultiServ or MultiServ Plus system is being ordered. The same sheet may be used, but caution must be exercised to ensure that the entire Order Form is updated from the Proposal Inquiry status to reflect exactly what the customer is ordering.

If a supplement is required, the Supplement square is checked, and the New Service or Order square remains checked to indicate the status of the supplement.In addition, indicate in the Remarks section the reason(s) a supplement is being issued including the page number(s) which were changed.

The Conversion square and the Order square should be checked if the customer converts service to MultiServ/MultiServ PLUS under one of the following situations:

- Centrex/ESSX-1
- MultiServ to MultiServ PLUS or vice versa

If New Servicer is being requested, the Requested Service Date is completed to show the actual date that the customer wants service to be provided. Supplements will normally carry the date as described here, unless it is being issued to change the date. If changing the date, the new service date is shown.

If special assemblies are required, check the special assembly block and attach all available information. This will give all departments notification to prepare for your request.

MAS (Multi Account Service) If this block is checked indicating multiple MULTISERV AND/OR MULTISERV PLUS systems, be sure to fill in blocks 14 and 15 which detail the primary and secondary accounts.

SCS (Systems Communications Service) This block is used to advise the appropriate departments of SCS considerations.

Item 1 - Customer Name - Enter the name of the customer subscribing to MultiServ Service.

Item 2 - Date Issued - Enter the date this form is to be released. This date will remain unchanged for this customer.

Item 3 - Date Revised - Enter in this space the release date of this form for any subsequent activity, including orders and supplements.

Item 4 - Present Address - Enter the present customer address, including city.

Item 5 - Type Business - Enter the type business (i.e., motel, newspaper, insurance, etc.)

Item 6 - SIC - Enter the customer's SIC Code.

Item 7 - Proposed Address - Enter the customer's new address, including city, if different from Item 4.

Item 8 - Telephone Number (Present) - Telephone Number (Proposed) - Show the customer's present primary listed directory telephone number and proposed telephone number if different.

Item 9 - Negotiator - The Negotiator is the Account Team/CRSG/CLEC Care. Fill in the name of the appropriate party.

Item 10 - CLEC Contact/Telephone Number - Show the CLECrepresentative and telephone number to be contacted concerning questions about this customer.

Item 11 - Present Service - Indicate the number of lines/trunks (cable pairs) currently in use from the central office to the customer's premises. This information will be used to determine additional facility requirements for the Proposed Service. Check the appropriate block and fill in the blanks showing the number range the customer presently has.

Item 12 - Proposed Service - Enter the number of digits to be dialed for station to station (intercom) dialing (i.e., 1-3026=5, 3026=4, 26=2). Check Consecutive Number (#) Range Yes or No.
If No is checked, complete page 2 by listing all non-consecutive numbers. Fill in the blanks showing proposed number range (list non-consecutive numbers on Page 2).

Item 13 - Customer Contact/Telephone Number - Show the person's name and telephone number to be contacted at the customer's premises.

Item 14 - MAS (Multi Account Service) - Indicate if this RF-3658 is for the Primary or Secondary account.

Item 15 - Primary/Secondary Telephone Number(s) - Circle Prim or Sec and fill in appropriate T/Ns. For example if Block 14 is checked as primary, you would circle secondary and indicate all Secondary Account Main Directory Telephone Numbers. This will cross reference all Primary and Secondary accounts.

Item 16 - Total Number of Attachments - Show in the space provided the total number of attachments included with this form.

Item 17 - Local Serving Office (LSO) - Indicate the Central Office that actually serves the customer Premises.

Item 18 - Customer Control - Indicate yes or no

Item 19 - Dial Tone C.O. CLLI - Enter the 11 character CLLI code of the EWSD serving central office. Source of Information: The negotiator will call the NISC (Processor Planner) to obtain information.

Forecast of Stations and Lines for: Page 2

This section consists of a forecast of the total stations and lines to be provided with EWSD service. If the Proposal Inquiry square is checked at the top of this Form, this section must be completed. The information shown here remains unchanged (unless a supplement is issued) until the conclusion of ordering of service for a given customer.

Item 20 - Station Links--On-Premises - Use the Cut-over column to show the total number of On-Premises main stations that are to be cut at the initial cut-over. Show the number of On-Premises main stations forecast for one year after cut-over in the one year column. A one, two and five year forecast (from the cut-over date) should be shown in the respective columns for On-Premises main stations. Off-Premises- Show the total number of Off-Premises main stations forecast for cut-over, one year, two years, and five years as outlined for On-Premises main stations.

Item 21 - Bridged Links-**Off-Premises - Same C.O. -** Show the total number of Off-Premises bridged links (off premises extensions). Enter the same information for Extended Bridged links (Different C.O.). A one, two and five year forecast (from the cut-over date) should be shown in the respective columns for an Off-Premises extension stations. Attach summary of all Secondary Location/Different Premises Addresses (SLA/DPA), Page 39 of ordering document. Include SLA/DPA address, quantity of stations, and distance in airline mileage.

Item 22 - Total Links - Total each column for Items 22 and 21 and enter in the appropriate space.

Item 23 - Other Facilities - Other facilities are any additional facilities that will be required from the central office to the customer's premises to properly provision their MultiServ Service. (Use the cut-over column to show the total number of other facilities (On-Premises) that are to be cut at the initial cut-over.)

Show the number of Other Facilities - On-Premises forecast for one year after cut-over in the one year column. A two year and five year forecast (from the cut-over date) should be shown in the respective columns for Other Facilities - On-Premises.

Off-Premises - Show the total number of Other Facilities - Off-Premises forecast for cutover, one year, two years, and five years as outlined for other Facilities - On-Premises.

Item 24 - Total Other Facilities - Total each column for Item 23 and enter in appropriate space.

Service Requirements for Orders: Page 2

This section (Items 25 through 29) is used when placing actual orders for new MultiServ or MultiServ Plus service. These items should track with the forecast shown in Items 20 through 24 but do not have to be exactly the same. This section is used to order equipment and facilities to serve the customer.

If new EWSD MultiServ service is being ordered, complete the cut-over column. If the order is for existing service, the Exist, Add, Delete and Total columns should be completed. Information previously shown for Items 20 through 24 should remain on this form even though the status has changed from Proposal/Inquiry to Order Status.

Item 25 - Station Links-- On-Premises - Show the total number of On- Premises main stations that are to be installed at cut-over on new service orders. On existing service orders, show the total number of On-Premises stations that exist, the total that is to be added or deleted, and the new total. Off-Premises - Show the total number of off Premises main stations and explain the details on the Secondary Location/Different Premises Address (SLA/DPA) sheet, Page 39 of the ordering document.

Item 26 - Bridged Links - Show the total number of extensions for both Off-Premises and Extended Bridged Links.

Item 27 - Total Links - Total Items 25 - 26

Item 28 - Other Facilities--On-Premises - Show the total number of Other Facilities - On-Premises that are to be installed at cut-over on new service orders. On existing service orders, show the total number of Other Facilities - On-Premises that exist, the total that is to be added or deleted, and the new total. Off-Premises - Show the total number of Other Facilities - Off-Premises and explain the details on the Secondary Location/Different Premises Address (SLA/DPA) sheet, Page 39 of the ordering document.

Item 29 - Total Other Facilities - Total each column for Item 28 and enter in the appropriate space.

Item 30 - Check the blocks as appropriate if any of the features listed are to be included in the proposed system and attach the associated order document pages to the Proposal Inquiry.

Service Requirements - PAGE 3

Item 31 - Check the appropriate block if the customer is requesting either Megalink or Lightgate in conjunction with their request for service.

Item 32 - Outside Plant Facilities Information - Prior to the release of this Form on a Proposal Inquiry basis, the responsible CRSG representative contacts (by telephone) the Distribution Engineer and determines the availability of the outside plant facilities required to serve the customer.

If these facilities exist, the "Yes" block is checked. If facilities do not exist, the "No" block is checked and an estimated availability date is provided in the appropriate space. Fill in the Job Number assigned to the project. If a "Yes" or "No" answer cannot be ascertained prior to the release of this Form, the Remarks section should be completed to show that check of facilities is underway. The facility engineer fills in quantity and type, i.e., copper, SLC, fiber.

Service Requirements – Page 3, continued

Item 33 - Central Office Facilities Information - Prior to the release of this form on a Proposal Inquiry basis, the CRSG representative contacts (by telephone) the Processor Planner to determine the availability of the central office facilities required to serve the EWSD customer.

If these facilities exist, the "Yes" block is checked. If the facilities do not exist, the "No" block is checked and an estimated availability date is provided in the appropriate space. Fill in the Job Number assigned to the project. If a "Yes" or "No" answer cannot be ascertained prior to the release of this Form, the Remarks section should be completed to show the check of facilities is under way.

Central office facilities include items such as proper generic loading, 6 port conference circuits, availability of customer announcements, etc.

NOTE: If Distinctive Ringing is required, the Central Office must be equipped with a special high level service circuit. Check with the Processor Planner for availability.

Item 34 - Multi-Line Hunt Groups - Show total quantity of Multi-line Hunt Groups in the MultiServ and/or MultiServ Plus system and the hunt group numbers.

Example: HML QTY 5 HML#s 63,64,65,66,67

Source Of Information: Multi-Line Hunt Group numbers are obtained from and provided by LNA.

Item 35 - Call Pickup Groups - Show the total quantity of Call Pickup Groups and Call Pickup Group numbers.

Source Of Information: Call Pickup Group numbers are obtained from and provided by LNA.

Note: If more Multi-Line Hunt or Call Pickup Groups are needed than space available to input, attach another sheet.

Item 36 - Dialing Plan (DP) - Group Definition - Provide DP name for customer. The DP name consists of eight alpha numeric characters.

Source Of Information: The DP name is provided jointly by NISC (Network Infrastructure Support Center) and Marketing.
A DP is a private dialing plan that is used by the EWSD to interpret the MULTISERV AND/OR MULTISERV PLUS customer's dialed codes rather than using the Office Dialing Plan (ODP) for digit interpretation. An DP provides the customer with the ability to tailor a dialing plan to specific feature needs and dialed code requests, independent of the Office Dial Plan (ODP).

An DP defines all dialed code actions which include:

- Feature Codes (activation, deactivation, and use codes)
- Private Facility access codes
- Intercom dialing codes
- Dialing Plan Access Treatment (DPAT) for the respective features/facility groups.

"Dial 0" = TN - Enter the telephone number that dial 0 calls are to be routed to.

Error Treatment - Check the appropriate block dependent on the type treatment to be given to a station which violates the IDP.

- Tone - checking the Tone block means that reorder tone will be given to the station line in error.

- Announcement - if an announcement is desired check the appropriate block and indicate whether CO (Central Office) announcement or customer announcement.

If a customer provided announcement is requested, additional information is needed such as Central Office equipment availability, etc.

- DN - If the DN (Directory Number) block is checked, station lines in error will be routed to a pre-designated telephone number. If this option is preferred, show telephone number to which calls are to be routed. (Show number behind DN:)

Note: If an attendant is the preferred route, check the DN block and list the seven digit DN associated with the attendant.

Item 37 - CTX Name (s) - List all ID feature names required for the customer. (See Page 4 of the Ordering Document)

Source Of Information: This information is provided via a joint effort between the NISC and Marketing.

Once a DP (described previously in the line by line instructions) has been defined for a customer, IDP feature names must then be established. An IDP feature name identifies entities that are associated to the individual station lines. IDP feature names may identify various functions such as:

- assigns the DP to stations

ID Feature names may contain a maximum of eleven alpha or numeric characters.

Item 38 - Assumed Dial "9" - Check Yes if customer subscribes to Assumed Dial "9" or No if customer does not subscribe to Assumed Dial "9".

Assumed Dial 9 & MVP key words required in EWSD
as MultiServ and/or MultiServ Plus Common Block options.

Item 39 - Dialing Plan Access Treatment (DPAT) - Enter the total number of dialing plan access treatment codes applicable to the account. (01 to 31 DPAT (CAT) codes allowed). DPAT 00 is not allowed in the EWSD. (See Page 10 of the Ordering Document)

A Dialing Plan Access Treatment equates to the Customer Access Treatment (CAT) code as we know it in the 1AESS. Dialing Plan Access Treatment allows or disallows dial code access to features and/or facility groups.

Item 40 - Network Access Registers - MultiServ Plus service requires a NAR using one of the following:

Both Way, Flat Rate	M9QCX
Both Way, Measured Rate	M9QCR
Both Way, Message Rate	M9QCS

If more space is needed to provide SFG overflow, write additional information in the remarks section.

Hunting applies for each NAR (AL,LA,KY,FL or MS)

Item 41 - List all non-consecutive/re-use numbers to be in the MultiServ service number range.

MULTISERV SERVICE SERVICE REQUEST - PAGES 4-33

Pages 3 through 24 cover all the information required by the NISC (TR) to build/translate the customer's EWSD system. If these pages are completed accurately, we can expect our customers to be provided with a telecommunications service that meets their specific needs.

These sheets will allow the NISC (TR) to establish the basic memory for the EWSD system, and will provide the NISC (RCMAG) the information it needs to build the individual line features. It is important that all information requested on each page be provided.

On the Interdepartmental Station Detail sheets you will note that additional columns have been included. A range column has been provided for the negotiator to use in determining the minimum and maximum value of a feature. The Default Value Column provides the value used if none is designated elsewhere. An Additional Information and Notes Column has been added to serve as an aid to clarify what is needed.

Assumed Dial 9 - Page 4

Assumed Dial 9 allows all users in the MultiServ service arrangement to access the public exchange network without dialing a network access code (usually "9"). The user simply goes off-hook and dials the local or long distance telephone number of the desired party.

ID FEATURE NAME DETAIL SHEET - PAGE 5

The ID Feature Name defines the absence or presence of Special Route/Service name/numbers for a EWSD subscriber and identifies that a line is associated with a customer's specific IDP.

The ID Feature Name consists of up to eight (8) alphanumeric characters and along with the fields below is provided by the NOC TA:

Destination Name for Routes - is a six (6) character alphanumeric field

Private Facility Name - is an eleven (11) character alphanumeric name

Queue Name - is an eight (8) character alphanumeric name

Delay Announcement Number Queue - is the three (3) character MULTISERV AND/OR MULTISERV PLUS name (the number may only be used one (1) time for one (1) customer.

MULTISERV AND/OR MULTISERV PLUS Group Number - A 1-4 digit numeric value, range 1-2047

LNA/NAC

SFG # - A 1-4 digit numeric value, range 1-2047

CPG# - A 1-4 digit numeric value with a range of 1-4095 per MULTISERV AND/OR MULTISERV PLUS group. A MULTISERV AND/OR MULTISERV PLUS link may only be assigned ONE CPG GROUP.

Multi-line Hunt Group Number - 1-4 digit numeric value, range 1-2047

CLASS OF SERVICE RESTRICTION LEVEL - PAGE 6

List each MULTISERV AND/OR MULTISERV PLUS station that requires restriction and check the appropriate column. Only lines marked Originating/Terminating S and F require line options in the EWSD. The MULTISERV AND/OR MULTISERV PLUS stations must be provisioned with the appropriate line option via the MARCH TL1 interface by the RCMAC:

Originating
- U = Unrestricted
- S = Semi - restricted
- F = Fully restricted

Terminating
- U = Unrestricted
- S = Semi - restricted
- F = Fully restricted

Originating

Unrestricted - an unrestricted line

Semi-restricted - is a semi-restricted line that allows a station to call within a group, to a private facility.

Fully restricted - allows calls only to intercom numbers and calls within private facilities.

Terminating

Unrestricted - an unrestricted line

Semi - restricted - allows a station to make outgoing calls but restricts the station to receiving calls from within the group, intercom calls, calls from private facilities.

Fully restricted - allows the station to make outgoing calls, but restricts the station to receiving only intercom calls and calls within private facilities. The station cannot receive DD calls.

PRIVATE FACILITIES (PF) DETAIL SHEET - PAGE 7

This sheet is to be completed to show the PF name and those private facilities that are included in the PF name.

Private Facilities Access (PF) - If customer has Private Facilities, check the "Yes" block. If no Private Facilities, check the "No" block.

If the MULTISERV AND/OR MULTISERV PLUS customer has Private Facilities, a PF Name(s) is required.

Source Of Information: The PF Name is a 11 character alphanumeric name provided by the NISC - TR.

Private Facilities Included In This PF - Enter the private facilities that are included in the PF name.

Facility Type - Type must be defined from the list at the bottom of the page. WATS lines should show the BAND requested. Code Calling, Loudspeaker Paging, Radio Paging and Recorded Dictation require CAT Code assignments in the EWSD.

Access Code - is the code the customer will dial to access the private facility. Duplicate codes are not allowed for different facilities i.e., 9 for second public dial tone and 9 for dial access to OUTWATS is not allowed.

FRL - The EWSD provides a default FRL equal to zero (0) which should not be assigned to an MULTISERV AND/OR MULTISERV PLUS line as part of an FRL level to provide access to facilities. FRL values range from 0 to 15.

A list of private facilities is shown at the bottom of Page 6.

Facility Group Type Detail - Page 8

Complete this section to explain the items on Page 8. It includes OPX, FX, OUTWATS, INWATS, Tie Lines and other types of special service lines.

Group Type - For each group of facilities shown, enter the type of facilities to be provided (i.e., FX, OPX, WATS, Tie Lines, etc.).

Number of Circuits - Use this column to show the total number of facilities to be provided for each group of lines. A group of facilities is one or more lines, of the same type, going to a given address. Each address shown constitutes a new group of facilities and should be shown separately on this sheet.

Direction - Indicate the direction of the trunk/facility group from the perspective of the EWSD as follows:

2WAY - If calls are allowed in both directions.

OUT - If all calls originate from the EWSD.

INC - If all calls originate from the Distant End.

SFG # or Trunk Group Number - Use this column to list the Trunk or Simulated Facility Group number for each group of lines shown.

Source of Information: The SFG # is assigned by LNA. The TGN is assigned by NISC/CPG.

Subsequent additions should always carry the group number of the group to which the addition is being made. Not applicable for OPXs.

Facility Group Type Detail - Page 8, continued

Location & Type Equipment (Distant End) - Show the distant location (city), equipment, for each group of lines, i.e., NISC/CPG, (specify type equipment) ESSX, etc.

Inward Access (Station) - Indicate if incoming calls are to be answered at a MultiServ station.

Billing Directory Number (BDN) - Enter the 10 digit BDN associated with the trunk group (i.e., WATS, FX), when appropriate. If SMDR is requested, enter the default directory number to be used in case of IBDN failure. The default number should be within the IBDN Range specified in the Remarks section. The default number can be the same for all WATS groups.

CAT - Enter Access Treatment Code (1-32) associated with the trunk/facilities.

Outward Access (Station) - Indicate if outgoing calls are to be originated from an MultiServ station. Also, show access for each trunk group if dial access is required.

Senderized Outgoing - An entry is required for all 2WAY & OUT trunk/facility groups. Check this field if Senderized Outgoing applies to this trunk/facility group. Senderized operation means the MultiServ will store a fixed amount of digits for the call and outpulse all the digits at one time using a transmitter.

Non-Senderized (Cut Thru) Outgoing - An entry is required in for all 2WAY & OUT trunk/facility groups. Check this field if Non-Senderized Outgoing applies to this trunk/facility group.

NOTE: For a trunk/facility group that handles calls originating from the MultiServ (non-tandem), this means that the trunk/facility group will be seized immediately after the access code is dialed.

For a trunk/facility group that handles outgoing calls which have arrived at the EWSD over another trunk group (tandem), this means that the EWSD can outpulse a variable amount of digits as it receives those digits.

Facility Group Type Deatil - Page 8, continued

Pulsing & Start Dial Signals - This information describes how the EWSD will communicate with the distant end.

In Pulsing - An entry is required in this field for all 2WAY and INC trunk/facility groups. Valid entries are MF, DP, DTMF or NONE.

MF - Multifrequency, a combination of two simultaneous tones (frequencies) usually used between two switching machines.

DP - Dial Pulse, a series of pulses used to receive the dialed digits.

DTMF - Dual Tone Multifrequency, this is the industry term which equates to the AT&T trademark of TouchTone or Northern Telecom's term of Digitone. DTMF is a combination of two simultaneous tones (frequencies) usually used between a switching machine and customer equipment. **NOTE: DTMF tones are different from MF tones and are NOT interchangeable.**

NONE - No digits are received from the Distant End.

Facility Group Type Detail - Page 8, continued

In Start Dial Signal - An entry is required in this field for all 2WAY & INC trunk/facility groups. Valid entries are WINK (WK), DELAY DIAL (DD), DIALTONE (DT), LOOP START (LS), GROUND START (GS) or IMMEDIATE (IMED). This field represents the method used by the EWSD to notify the Distant End to begin sending digits.

NOTE: If the Distant End is senderized, the EWSD should provide an In Start Dial Signal of WK or DD.

If the Distant End is non-senderized, the EWSD should provide an In Start Dial Signal of DT.

If this is an FX or FT circuit, the In Start Dial Signal should be GS. There may be some cases where E&M supervision is used. If E&M supervision is required, GS is not a valid entry; one of the other types must be indicated.

Out Pulsing - An entry is required in this field for all 2WAY & OUT trunk/facility groups. Valid entries are MF, DP, DTMF or NONE. This field represents the method of pulsing (sending digits) from the EWSD to the Distant End.

MF - Multifrequency, a combination of two simultaneous tones (frequencies) usually used between two switching machines.

DP - Dial Pulse, a series of pulses used to receive the dialed digits.

DTMF - Dual Tone Multifrequency, this is the industry term which equates to the AT&T trademark of TouchTone or Northern Telecom's term of Digitone. DTMF is a combination of two simultaneous tones (frequencies) usually used between a switching machine and customer equipment. **NOTE: DTMF tones are different from MF tones and are NOT interchangeable.**

Facility Group Type Detail - Page 8, continued

NONE - No digits are not transmitted to the Distant End. Generally, the circuit is seized immediately after the access code is dialed. This entry would be used if Non-Senderized Outgoing is checked.

NOTE: If the EWSD is senderized on outgoing calls enter one of the following pulsing types: MF, DTMF or DP.

If the EWSD is non-senderized on outgoing calls enter NONE.

Out Start Dial Signal - An entry is required in this field for all 2WAY & OUT trunk/facility groups. Valid entries are WINK (WK), DELAY DIAL (DD), LOOP START (LS), GROUND START (GS) or IMMEDIATE (IMED). This field represents the method used by the Distant End to notify the EWSD to begin sending digits.

NOTE: If the EWSD is senderized on outgoing calls WK or DD should be used. There may be some rare cases when IMED can be used (if the Distant End has a receiver for each circuit).

If the EWSD is non-senderized is checked), IMED should be used.

If this is an FT or FX circuit, GS should be used. There may be some cases where E&M supervision is used. If E&M supervision is required, GS is not a valid entry; one of the other types should be indicated.

FX Toll Denied - Self Explanatory.

Facility Group Type Detail - Page 8, continued

DS-1 - Enter (Y) if a DS-1 facility is being used to transport the trunk/facility group. Fill in and include the DS0 level Detail page for service order issuance.

Destination TN - Enter Number (UCD PDN, MLH, etc.,) this facility group is directed to.

This feature must be assigned on a per facility group basis. If the customer has more than one group of OutWATS, each line must be checked if individual station billing is required. In addition to checking Column 22, the Remarks section should be used to provide the range of MultiServ stations for which individual billing is required. Enter the complete number range when all stations are involved. Example: IBDN Range = 321-8000 - 321-8500.

Station/Closed - Indicate whether the MultiServ switch is the Station/Closed or the Office/Open end of the FX/FCO service (including IC access circuits which are FX/FCL service).

The end of the circuit providing dial tone is considered the Office/Open end oft he circuit. For intraLATA circuits, the end which is assigned the telephone number is the Office/Open end.

Office/Open - The end of the circuit which is NOT the Office/Open end is considered the Staion/Closed end. Generally, when the MultiServ switch is the Station/Closed end of the circuit, a MultiSrv station dials an access code and expects to receive dial tone from the far end.

Supervision Type - On FX/FT/FCO trunk groups, enter the Supervision Type of Ground Start (GS) or E&M.

Trunks Second Dial Tone - Check "Yes" if second dial tone requested.

Facility Group Type Detail - Page 8, continued

Station Message Detail Recording (AMA) - Indicate "Yes" or "No" if SMDR is to be provided for OUTWATS, FX or dial type tie lines. If CDAR (Customer Dialed Account Recording) applies refer to Part X Accounting.

Automatic Route Selection (ARS) - Indicate "Yes" if ARS is to be provided with OUTWATS, FX, or Tie Lines. Enter a check mark in ERWT column if Expensive Route Warning Tone requested.

Outpulsed Digits - If fixed, enter number (less than or equal to 12). If variable, indicate by check mark. If variable, must be non-senderized.

Incoming Digits - An entry is applicable only if Inpulsing is **not** equal to NONE. Enter (Y) if incoming digits are variable. If incoming digits are Fixed, enter number of digits (1-15).

Incoming Prefixed Digits - Enter the digits, if any, to be prefixed in front of the incoming digits from the Distant End using DP type address signaling. Valid entries are one to eight numeric digits.

Does Far End Terminate on a Line Circuit (OE) - An entry is applicable only if the EWSD is the station closed end of an FT or FX circuit (the far end supplies dial tone). Enter Y if the far end is an OE. If the far end is not an OE, leave it blank.

Facility Group Detail - Page 8, continued

Glare Control - An entry is required in this field for all 2WAY groups. Valid entries are Master (M) or Slave (S).

Glare occurs when a 2WAY circuit is seized simultaneously by the equipment on both ends of the circuit. When this occurs, one end must drop the circuit to allow the other end to complete the call (the end that drops the circuit will complete its call on another circuit). The end which stays on the circuit is referred to as the Master. The end which drops the circuit is referred to as the Slave.

This field will indicate if the EWSD is to be the Master (M) or Slave (S). If the Distant End terminates on an OE,
the EWSD must be the slave.

Distant End Trunk Selection (DETS) - An entry is required in this field for all 2WAY trunk/facility groups. No entry is required for OUT or INC groups. Valid entries are Low to High (LH), High to Low (HL), Least Idle (LI), Most Idle (MI), Clockwise (CL), Counterclockwise (CC), or Other (OT). Enter the method used by the Distant End to select an idle circuit for calls coming from the Distant End to the EWSD.

LH - Distant End searches for an idle circuit starting at the lowest trunk number and progresses sequentially to the higher trunk numbers.

HL - Distant End searches for an idle circuit starting at the highest trunk number and progresses sequentially to the lower trunk numbers.

LI - Distant End selects the circuit which has been idle for the shortest amount of time.

Facility Group Detail - Page 8, continued

MI - Distant End selects the circuit which has been idle for the longest amount of time.

CL - Clockwise circular trunk hunt. For an analogy, use a clock to denote the list of trunks with the hours representing the trunks. The equipment searches for an idle trunk in a clockwise direction, starting from one trunk higher than the most recently released trunk.

CC - Counterclockwise circular trunk hunt. Same philosophy as CL, but in the opposite direction, starting from one trunk lower than the most recently released trunk.

OT - If none of the above explains how the Distant End selects an idle circuit, explain the method used by the Distant End in remarks.

PIC/IC - If required, fill in the PIC number associated with the trunk/facility group or Interexchange Carrier.

Customer Owned Trunk/Facility Groups Growth – Page 9

Special Service Lines Growth (Proposal Inquiry) - This section should be completed for Estimated Growth of Special Service Lines to be provided with the EWSD system. Estimated Growth is required for cut-over, one year after cut-over, two years after cut-over and five years after cut-over.

Item 1 - Foreign Exchange Lines - Show the growth of FX Lines to be provided for each of the time periods.

Item 2 - WATS Lines - Show, by type, the number of WATS Lines to be provided for each of the time periods.

Item 3 - Interexchange Carrier Access Lines (ICAL) - Show, by type, the number of Interexchange Carrier Access lines provided. Provide Carrier name and type in spaces provided (e.g. AT&T WATS, MCI PRISMA, GTE SPRINT, etc.).

Item 4 - Tie Lines - Show the number of Tie Lines forecasted for each time period.

Item 5 - Other - Use this space to list all other types of special service lines not covered in Item 1 through 5.

Customer Owned Trunk/Facility Groups Growth – Page 9, continued

Service Requirements--Orders - This section should be completed when ordering service. Quantities shown here should be for actual amounts to be ordered. It will be used to update the quantities shown in the Proposal Inquiry section (cut-over column). Information originally shown in the Proposal Inquiry section should also remain on the Form.

Item 7 - Foreign Exchange Lines - Show the number of FX Lines to be provided, in the appropriate column(s). New service orders should be entered in the cut-over column only. Additions or deletions to existing systems require entries in the "Existing" column, "Add" or "Delete" column, and "Total" column.

Item 8 - WATS Line - Enter the proper quantities, by WATS line type, in the appropriate column(s).

Item 9 - Interexchange Carrier Access Lines (ICAL) - Show, by type, the number of Interexchange Carrier Access lines provided. Provide Carrier name and type in spaces provided (e.g. AT&T WATS, MCI PRISMA, GTE SPRINT, etc.).

Item 10 - Tie Lines - Enter the number of Tie Lines to be provided, in the appropriate column(s).

Item 11 - Other - List the type line(s) to be provided and show the quantities in the appropriate column(s).

MISCELLANEOUS PRIVATE FACILITIES AND SPECIAL CIRCUITS - PAGE 10

If any miscellaneous private facilities and special circuits are needed, provide details on this sheet. This information is also used by Outside Plant Engineer (OSPE) to assure adequate facilities are present to meet the customer's needs.

For each facility requested, give Number Of Trunks, Circuit ID, and Access Code if applicable. The Remarks column serves as a reminder of other pages that may be affected by this service.

For Code Calling, Loudspeaker Paging, Radio Paging, and Dial Dictation:

TGN - Enter the Trunk Group Number assigned to the group.

Outpulsing - An entry is required in this field. Valid entries are MF, DP, DTMF or NONE. This field represents the method of pulsing (sending digits) from the EWSD to the Distant End.

MF - Multifrequency, a combination of two simultaneous tones (frequencies) usually used between two switching machines.

DP - Dial Pulse, a series of pulses used to send the dialed digits.

DTMF - Dual Tone Multifrequency is the industry term which equates to the AT&T trademark of TouchTone or Northern Telecom's term of Digitone. DTMF is a combination of two simultaneous tones (frequencies) usually used between a switching machine and customer equipment. **NOTE: DTMF tones are different from MF tones and are NOT interchangeable.**

NONE - The circuit is seized immediately after the access code is dialed.

Outgoing Start Dial Signal - An entry is required in this field. Valid entries are WINK (WK), DELAY DIAL (DD) or IMED. This field represents the method used by the Distant End to notify the EWSD to begin sending digits.

NOTE: If outpulsing is NONE, the entry in this field must be IMED.

Trunk Order Code (TOC) - Indicates the type of switch interface. This information is provided by the NISC (Processor Planner).

DIALING PLAN ACCESS TREATMENT (DPAT/CAT CODES) - PAGES 11-12

Complete information of top of page.
- Customer Name, LDN, Date and Service Order Number.

In addition to the access code capability of CAT, stations can also be allowed access to certain call and trunk types (e.g. FX, Out WATS) as well as other features (e.g., Code Calling, Loudspeaker Paging). These private facilities are included in the PF Name.

Enter the PF Name in the spaces provided.

Access Code - Enter the access code that applies to a service (e.g. 9 for Dial 9 access, *16j8 for Call Hold, etc.). Transfer the assigned access codes as determined from pages 11 and 12.

NOTE: DO NOT ASSIGN ZERO (0)

DPAT (CAT) (Dialing Plan Access Treatment) - The CAT codes have been preprinted 01 to 32. Check the appropriate blocks to indicate that access is allowed.

If a customer has subscribed to other features that are not listed, enter the additional option(s) in one of the blank spaces provided on the DPAT sheet and also enter the appropriate dial access code.

Each DPAT built should be checked yes for all station features provisioned in the system. This is extremely important, failure to build DPAT's in this manner can cause serious problems on subsequent order activity and would require Marketing be involved even for station feature changes. DPAT's should be differentiated only to allow/disallow access to Private Facilities.

INDIVIDUAL DIALING PLAN ACCESS CODE SHEET - PAGE 13-14

Standard codes are being recommended to be used in conjunction with EWSD MULTISERV AND/OR MULTISERV PLUS. Standard codes were developed for use with both TouchTone and Rotary Dial instruments. These are recommended codes, there is no obligation to use them. Complete information at top of page. Enter the applicable access codes.
The features listed require a CAT code assignment in the EWSD.

When Permanent Call Blocking is assigned to a line and the Per Call Blocking access code (where applicable) **is dialed, it WILL TOGGLE, thereby allowing the number to be displayed/delivered** (except Tennessee)**.**

AUTHORIZATION CODE LISTING WORKSHEET - PAGE 15

Enter the total number of codes requested by the customer, the maximum number is 2000. Indicate if Authorization Codes are forced or not. Enter the access code for the Authorization Code and fixed length of the AUT codes used on this system.

AUTH Code Access/Length - allows 1-7 digit numbers and the actual AUTH code must be at least 3 digits and no more than 8 digits.

AUTH Code Range - range of digits must be express the actual AUTH code or actual range of AUTH codes to be dialed (12345 or 1234 to 12345).

Facility Restriction Range (FRL) High/Low - is expressed as 1-15 if a range of FRLs may use AUTH codes.

FRL - FRL is expressed as ONE FRL if only one FRL is to dial an AUTH code.

AUT Code Range — List either individually or by range the assigned authorization code (max. 2000). Each code is determined by the customer depending on specific needs. The length of the codes is fixed per customer group.

Note: Use the top portion of this form for initial set-up and the bottom half for changes once the service is installed.
Authorization Codes are assigned sequentially for easy assignment, randomly for security purposes.
This sheet is used by Premises Marketing/Sales as a worksheet to obtain the accurate count of codes used.

AUTHORIZATION CODES - PAGE 16

CTX Group Number - Specify the MULTISERV AND/OR MULTISERV PLUS group number, 1-9999 that is to have AUTH codes.

AUT Length - Specify the length of AUTH code 3-8 digits.

FRL Range - Facility Restriction Range 1-15 if a range is specified.

AUTH Code - Actual AUTH code range to be dialed 3-8 digits

FRL - Are FRLs to be used instead of a range of FRLs

Immediate Authority - Requires an MULTISERV AND/OR MULTISERV PLUS subscriber line option plus a MULTISERV AND/OR MULTISERV PLUS common block option.

MDR - Is Message Detail Recording used for AUTH codes.

AUTH Trunk Parameters - Page 16

TGN	- Trunk Group Number for AUTH if private facility
CTX	- EWSD Centrex Group number 1-9999
AUTH Group Name	- MULTISERV AND/OR MULTISERV PLUS group name assigned by the NISC-TR.
AUT First	- Is this an Immediate AUTH or Post Dial AUTH
AUT AMA	- Is AUTH code to be recorded on AMA
AUTH MDR	- IS AUTH code part of MDR recording

AUTOMATIC ROUTE SELECTION - BASIC - PAGE - 17

Complete this page when ordering or making changes to existing patterns in Automatic Route Selection.

Enter information requested at top of form: Customer Name, Listed Directory Number, Due Date, Customer Location, Service Order Number, Supplement Issue Date if applicable. Put a check mark in the appropriate space to indicate whether establishing ARS or changing ARS.

Pattern Number - Number each pattern required, beginning with number one.

Destination - Use this column to show the Area Code and/or NXX destination for each Pattern.

Routes - Use this column to indicate the routes in the pattern beginning with 1st route through reorder. Circle ERWT to indicate those routes with Expensive Route Warning Tone.

AUTOMATIC ROUTE SELECTION - PAGE - 18

This page must always accompany Page 15 identifying details of each Pattern requested on Page 17. A separate page is required for each Pattern. Enter the appropriate information at the top of the page.

Pattern #	Enter Pattern number from Page 15, Column 1.
Codes to be Routed	Enter Numbering Plan Assignment (NPAs) that calls through the Pattern can reach. Here you identify calls that are to be routed over the specific pattern. This is done by inputting the following type entries as applicable: Local Calling Area or Exchanges (e.g. Cleveland), Home Area code (e.g. 216), Foreign Area Codes (e.g. 419, 513). Be sure that all NNX/NPAs are identified on this sheet.
Central Office	Enter C.O. name where EWSD MULTISERV AND/OR MULTISERV PLUS ARS is located.

Automatic Route Selection - Basic - Pages 19-20

On a per pattern basis, define the local NXX's or NPAs to be routed via this pattern. This provides 3 digit/6 digit screening.

QUEUING/ANNOUNCEMENTS (INCOMING) - PAGE 21

GROUP HML # - Specify the MLHG number as assigned by the LNA group. This number is the hunt group that is subscribing to queuing.

QUEUING FEATURE - Is the customer subscribing to INCOMING QUEUING with MUSIC on QUEUE or INCOMING QUEUING without MUSIC.

QUEUING (1-511) - This number sizes the QUEUE for the number of allowable calls to be held in a queue. If Music Trunks are used this number should be equal to the number of Music Trunks assigned (4 trunks=queue size of 4).

DA ANNOUNCEMENT NUMBER (DA 00-250) - Each MULTISERV AND/OR MULTISERV PLUS customer may request and provide to BellSouth their own custom announcement via cassette tape. The NISC-TR must assign a unique DA NUMBER for each MULTISERV AND/OR MULTISERV PLUS customer. The local NISC-TR field forces must record the customer announcement in the EWSD announcement machine using the 900 series steering digits available for local use.

THRESHOLD - This is a numeric value from 1-255 specified by the marketing/customer for Traffic Measurements to be taken from 1 to 255 minutes for a given queue.

OVERFLOW ANNOUNCEMENT - The NISC-TR must specify which QOV-X is to be used and translate the QOV-X in the EWSD Intercept Table prior to translating the queue. The QOV-X may be assigned to Ring Tone, Reorder, Busy Tone or Special Announcement (All Circuits are Busy, etc.). If Ring Tone, Reorder or Busy Tone are specified a Tone Time Value (0-2047) must be specified.

ANNOUNCEMENTS - PAGE 22

Provide exact wording for up to a maximum of four announcements (up to 11 seconds each).

STATION MESSAGE DETAIL RECORDING (SMDR) - RAO -PAGE 23

If SMDR is provided, complete each column as shown below:

- Number of Digits Recorded on AMA - Enter the number of digits dialed by the station to be recorded on AMA. (i.e., 1-404-555-1212 = 11) The maximum is 32.

- Access Code for Facilities - Show the Access Code of facilities for each group (type) that is to be recorded.

- Type of Facilities - Indicate the type facility that is being recorded (i.e., FX, WATS, DDD).

TIME OF DAY SYSTEM FRL/ARS - PAGE 24

The Time of Day (TOD) service identifies the time range used when routing calls by the time of day, week or year. Up to sixteen (16) time ranges can be specified.

The Time of Day ARS requires the EWSD MULTISERV AND/OR MULTISERV PLUS common block to be translated with the MTOD option by the NISC-TR.

Day Of The Week Start - Is expressed as MO (Monday), TU (Tuesday), WE (Wednesday), TH (Thursday), FR (Friday), SA (Saturday and SU (Sunday). The Day of Week End is same as Day of the Week Start.

Start Time - Is expressed as HH (Hour) and MM (Minutes) in Military Time, 01 to 24 hours.

End Time - Is the same as Start Time but is ONLY used when the customer wishes to use the Override (OVR) capability of Time of Day Routing.

ARS 1,2,3 - Is the Automatic Route Selection Pattern to be activated by Time of Day Routing.

FACILITY RESTRICTION LEVEL (FRL) - PAGE 25

The EWSD provides a default FRL equal to zero (0) and should not be assigned to an MULTISERV AND/OR MULTISERV PLUS line as part of an FRL level to provide access to facilities. FRL values range from 0 to 15.

FRL - List all MULTISERV AND/OR MULTISERV PLUS stations and their associated FRL level. The FRL number must match the FRL associated with any private facility or FRL access to a network, if assigned. If an MULTISERV AND/OR MULTISERV PLUS station does not have an FRL the default is 0. All stations with an FRL default of 0 must be indicated.

UNIFORM CALL DISTRIBUTION (UCD) OR UCD WITH SIMPLIFIED MESSAGE DESK INTERFACE (SMDI) - PAGE 26

This page is used to structure a UCD Group **or** a UCD Group equipped with Simplified Message Desk Interface (SMDI). **(UCD with SMDI instructions follow these.)**

UNIFORM CALL DISTRIBUTION

One page is required for each UCD Group. The Network Information Section should be completed by Marketing/ASR from input provided by Switched Services. Fill in information needed for Quantity and Network Information columns where indicated.

Hunt Group - Show the Local TN (same as Primary UCD Number) or 800 number in space provided in the Network Information column. A Plant Test Number (PTN) is associated with 800 Service. Enter Plant Test Number in space provided. Complete the information needed for HML #, HML Size and SFG # and Size, if appropriate. The Type is obtained from page . The total number of terminals will be the same as the size of the Multi-line Hunt Group shown in the local column.

Associated TN - If terminals are assigned individual numbers (TN identified) enter those numbers here.

Non-Hunt Numbers - If applicable list the associated non-hunt numbers for any terminal but terminal one. The EWSD may have a non-hunt number on TER 1 in addition to a Hunt # on TER 1. Terminals other than TER 1 may have only a Hunting # or Non-Hunt number but not both.

Provisioning of information regarding Multi-Line Hunt Group Number, Number of Terminals. In the EWSD, keys are then connection points for the Make Busy circuits. Number of Terminals and Multi-Line Hunt Group Number should be entered in the Network Information Section.

UNIFORM CALL DISTRIBUTION (UCD) OR UCD WITH SIMPLIFIED MESSAGE DESK INTERFACE (SMDI) - PAGE 26

Source Of Information: The NISC (TR) will provide this information to Marketing/ASR.

This information is essential in providing Queuing, Make Busy Arrangements.

UCD ARRANGED FOR SMDI - PAGE 26

One page is required for each UCD Group arranged for SMDI. The Network Information Section should be completed by Marketing/ASR from input provided by Switched Services.

Simplified Message Desk Interface - A private line order with the 1MD class of service is required for the SMDI data Link. SMDI in EWSD is provisioned like the 1A by using a UCD Multiline Hunt Group and uses the FIDs DSK and IOC. It bills like the 5ESS with UCD. Refer to the MULTISERV AND/OR MULTISERV PLUS Operating Standards for SMDI in EWSD.

Remarks - Use this section to further explain any items necessary.

In EWSD the SMDI link will be arranged for RDN.

Fill in information needed for Quantity and Network Information columns where indicated.

Hunt Group - Under Network Information LOCAL enter Local TN (same as the Primary UCD Directory Number) and complete the information needed for HML #, HML Size (number of lines in hunt group excluding software number) and TYPE Multiline Hunting, which will be **UD** for SMDI.

UCD Arranged for SMDI - Page 26, continued

SMDI per Link - This USOC bills for the rate element on the MULTISERV AND/OR MULTISERV PLUS order. This USOC also appears on the Private Line order with the DSK and IOC information.

Dial O Call Transfer Capability, per line, provides call transfer and is required for lines/links that are part of a multi line hunt (See Optional Features).

Associated TN - If terminals are assigned individual numbers (TN identified) enter those numbers here.

Dial O Call Transfer Capability - Lines/Links associated with SMDI MLHGs are required to subscribe to a Basic Feature Grop and this optional feature if the voice main system/mailbox (Public or Private) offered "Dial O Attendant" call coverage (See Page 37).

Non-Hunt Numbers - If applicable list the associated non-hunt numbers to any terminal but terminal one. The EWSD may have a Non-Hunt number on TER 1 in addition to a Hunt number on TER 1. Terminals other than TER 1 may have only a Hunting number or Non-Hunt number but not both.

CALL PICKUP DETAIL SHEET - PAGE 27

Complete information at top of sheet as appropriate.

Call Pickup Group Number - Enter the Call Pickup Group Number.

Station Numbers Associated With This Call Pickup Group - Enter primary call pick-up station number.

Source of Information: Call Pickup Group numbers are obtained from and provided by NISC (TR).

DIRECTED CALL PICKUP DETAIL SHEET - PAGE 28

Directed Call Pickup: Barge-In or Non Barge-In
Check the appropriate block to indicate whether Directed Call Pickup is Barge-In or Non-Barge In.

Directed Call Pickup is an EWSD CAT code option and allows a station dial access to call pickup a particular station i.e., to be able to dial an access code and the extension number of the station to answer the ring.

Directed Call Pickup (Barge in) is an EWSD MULTISERV AND/OR MULTISERV PLUS line option that allows an MULTISERV AND/OR MULTISERV PLUS station with a designated CAT code to barge in on a call to a particular MULTISERV AND/OR MULTISERV PLUS station. Dial the access code followed by the MULTISERV AND/OR MULTISERV PLUS extension number to interrupt.

SPEED CALL GROUP DETAIL SHEET - PAGE 29
(Applies only to Speed Call Long Groups)

Complete information at top of sheet:
- Customer Name, LDN, Date, and Service Order Number.

Controlling Line - Enter 7 digit telephone number which is to be the controller (changer) of the list.

Additional Lines - Enter the other lines which will be users of this Speed Call Group List. These lines are users only and cannot change the Speed Call List. SHSPD30 line option for users.

SERIES COMPLETION HUNTING DETAIL SHEET - PAGE 30

Complete information at top of sheet.

Note: EWSD documentation states that you can have 5 or more lines that will hunt, you must put them in a Multi-Line Hunt Group. There may or may not be feature interaction problems dependent on what's on each line.
Regular and Circular hunting are also available.

MULTI-LINE HUNTING DETAIL SHEETS - PAGE 31-33

Complete information at top of sheet:
- Customer Name, LDN, Date and Service Order Number.

There are four types of multline hunting options available with the EWSD switch:
- Series Completion – Page 30
- Regular Hunt - Page 31
- Circular Hunt - Page 32
- Uniform Call Distribution - Page 33

Use the appropriate page(s) to indicate the type of hunting being requested.

HML Group # - Enter group number associated with hunt group. Source of Information: Multi-Line Hunt Group numbers are obtained from provided by LNA.

Telephone Number(s) - List the first TN associated with the Multi-Line Hunt Group (HML) in the space provided. List additional lines associated with the Multi-Line Hunt Group in the space provided.

Uniform Call Distribution Hunt - The TLI of the HML is the Primary UCD Directory Number and identified with the TLI FID. It is also the TN assigned to TER 1.

Multi-Line Hunting Detail Sheets, continued

Queuing Parameters - If queuing/announcements are required the queuing key word must be included. This directs NISC (RCMAG) to point the Hunt group to the queuing/announcements as detailed on RF-1599 , page 21.

NOTE: If the lead telephone number of the HML is different than the main telephone number, a Telephone Line Identifier (TLI) is required to give that line a primary line identifier. If needed, enter TLI in space between 1st Line and Additional Lines heading.

RCMAC: Due to service order flow, a virgule (/) can not be used when inputting a key word. Therefore the virgule (/) will not be shown on the ordering document in front of the key word. Please note, however that these are all preconstructed features and the virgule (/) should be input when entering on the recent change screens.

Notes regarding Multi-Line Hunt Groups:

- Every Multi-Line Hunt Group must have one of the hunt options assigned to it.

- The Multi-Line Hunt option is assigned to the Multi-Line Hunt Group rather than to the individual members of the Multi-Line Hunt Group.

- The individual members of the Multi-Line Hunt Group can have MULTISERV AND/OR MULTISERV PLUS features assigned, however there are some features that can only be assigned to the first member of the HML.

- Call Forwarding features cannot be assigned to any station of the HML other than the first member, however, when this feature is activated it affects all lines in the HML.

COMMON ITEMS - PAGES 34-38

The Common Items pages will be used to provide the information required by CRSG to prepare the service orders. These pages are used for ordering/deleting common equipment items for both system and line features. Information required beside the USOC should be completed totally and accurately.

Complete information for Customer Name, Listed Directory Number, Date, IDP Name, Service Order Number in the appropriate spaces.

Type Activity and Quantity Column - Show quantities being installed or removed.

RSP Number of Months - Rate Stability Plan - When an item being ordered/ deleted is under a contractual agreement, enter the number of months in the contract period (36-120 months).

Class of Service - Enter the appropriate Class of Service USOC. Following are the MultiServ and MultiServ PLUS service:

MULTISERV/ MULTISERV PLUS CLASSES OF SERVICE

USOC	Type of Service
MJFE+	Flat Rate
MJRE+	Measured Rate (GA & FL)
MJSE+	Message Rate

The 5th character will be 2 for MultiServ and L for MultiServ PLUS.

See following page for state specific list of classes of service.

State Specific List of Classes of Service

Alabama:
-Flat
-Measured (Area Calling Svc)

Louisiana:
-Flat (can have LOS-A)
-Measured (LOS-B)

Mississippi:
-Flat
-Measured (Area Calling Plan or Enhanced ACP)

Kentucky:
-Flat
-Measured (Area Calling Plan)

Tennessee:
-Flat
-Measured (RegionServ)

Florida:
-Flat
-Message

Georgia:
-Flat
-Message
-Measured (Georgia Community Calling, Sharing & Resale)

South Carolina:
-Flat
-Message
-Measured (Area **Plus Service)**

North Carolina:
-Flat
-Measured (Regional Connection-Community Caller Plan)

Mixtures of Flat/Message or Flat/Measured are only allowed with Hotel/Motel, University or Hospital business types.

MAS (MULTISERV AND/OR MULTISERV PLUS Multi-Account Service) - Indicate whether primary or secondary.

USOC - DS1 Termination, per DS1 terminated. Enter the DS1 circuit ID and the Work Authorization (WACD) which are both obtained through the DS1 Service Inquiry process. WACD is XC NPA NXX plus the CLF information. This represents a termination for a DS1 type circuit and provides the capability for up to 24 DS0 (voice grade) facilities. Each DS1 circuit that terminates in the MULTISERV AND/OR MULTISERV PLUS will require a DS0 Level Detail Page 41 and the Private Facility Detail Page/s.

NOTE: Refer to ICSC Practices for the most current DS1 Service Inquiry (MULTISERV AND/OR MULTISERV PLUS/Centrex Termination Inquiry/Advice) methods and procedures.

INTERDEPARTMENTAL STATION WORKSHEET - PAGE 39

The Interdepartmental Station Worksheet is the primary ordering document for EWSD station arrangements. Pages will be completed by the negotiator.

Because of the interdepartmental use of these pages and the other Service Order Issuance sheets, the need for accuracy is paramount and cannot be overemphasized. If these pages are completed accurately, we can expect implementation to flow smoothly and to be more cost effective to the companies.

The Station Worksheets contain the following information:

1. Negotiator - Enter a check mark in the appropriate block to indicate Marketing or Authorized Sales representative (ASR), and provide telephone number of Negotiator.

2. CLEC - Enter the representative's name and telephone number.

3. Customer Name, Location and Listed Directory Number (LDN) - Enter in spaces provided.

Interdepartmental Station Worksheet - Page 39, continued

4. Station Telephone Number(s) - These are to be grouped as much as possible, e.g., the customer requests ten (10) links, 321-1010, 321-1019, be equipped identically (i.e., feature group, payment plan, location, etc.). Enter station numbers 321-1010 - 321-1019 in the space provided. If Departmental Identifiers are applicable enter appropriate code in space provided.

5. HTG/HML - If link(s) are in a hunt group circle HTG and enter A-Z for series completion. For multiline hunt circle HML and enter the group number. Use REMARKS as needed.

6. Terminal Identifiers - Enter TER numbers if HML.

7. Secondary Location/Different Premises Address/Extension Location - If link is at SLA enter SLA number and address.

8. Bridged Links/FCO Location - If link has bridged link or extended bridged link enter NXX of central office it is served by.

9. RSP - Enter the number of months of the contract if Rate Stablized Period applies to an item being ordered. New tariff may allow variable month contracts.

Business/Customer Services will write the service orders from these sheets as well as other Service Order Issuance sheets included in the ordering document, as appropriate.

INTERDEPARTMENTAL STATION WORKSHEET - PAGE 39

USOC

Enter the appropriate station link 2nd and 4th characters to the USOC to indicate type of station link:

The 2nd character will be: 1 = MultiServ or 4 = MultiServ PLUS.
The 4th character will be: F = Flat Rate, R = Measured Rate,
S = Message Rate.

Indicate the number of contract months if under RSP

When a main station line is terminated in Lightgate, Megalink or equivalent service a provisioning USOC M_L_9 is used. These links are designed. Enter the DS1 circuit ID.

When a main station line is terminated in Lightgate, Megalink or equivalent service for 800 Service termination USOC M_L_2 is used. Enter 800 service number following RMKR ( ).

If 800 service terminates in a station link, the 800 service station link and Feature Group 6 are required.

USOC M_L_H for Caller ID has special signaling requirements. Either ISDN type signaling utilizing the D channel, or CLASS type signaling which utilizes FSK (frequency shift key signaling) is required.

Interdepartmental Station Worksheet - Page 39, continued

If a Caller ID link is chosen, one of the Per Line Caller ID feature USOCs (M2NA7, M2NC7 or M2NBA) must also be applicable.

Links in a different serving wire center - Enter the SLA number and address and LSO.

Bridged Links (extensions)
Indicate the appropriate USOC for the type of bridged links. If extension is served from a different serving wire center it is a extended bridged link.

Interoffice Channel/Bridging - Links at a SLA served by a different serving central office from the MultiServ/MultiServ PLUS requires IOC charges. 1 channel applies per link - Enter LSO of each central office. Enter quantity of miles between central office, per link.

Bridging only applies to extended bridged links.

CTX
Enter CTX as applicable to the station(s). See ID Feature Name Detail Sheet, Page 4 of ordering document to obtain appropriate ID Feature Name(s). The ID Feature Name consists of 8 characters.

Interdepartmental Station Worksheet - Page 39, continued

CAT (DPAT)
Enter the appropriate Dialing Plan Access Treatment (DPAT) associated with the line. The DPAT consists of two numeric characters, ranging from 01 to 32.

PIC
Enter carrier number to which the station line(s) has access to. The carrier number is provided by the Negotiator.

FRL
Enter the facility restriction level.

Plan Code (PLNC)
The data behind the PLNC is eight to twelve characters. The first character will be an alpha that represents the state, the next three characters are MSR and indicates the calling plan to the billing system the measured service type and rate indicator.

Measured and Message station links can have the PLNC FID floated behind them.

In Louisiana, if LOS-A is chosen, the PLNC is floated following a flat rate station link.

Following are the Plan Codes to be used.

See following pages for codes.

Plan Codes to Support MultiServ (including ISDN)

This Plan Code FID will be used to identify the local usage plan for MultiServ customers. It will follow a measured link (class D USOC). It will also be required in Florida, Georgia and South Carolina following a message link to identify the message plan. In Louisiana it will follow a flat rate link if LOS-A is selected.

General Format for the new plan code FID: /PLNC ?MSRXXYY

? = State code
MSR=MultiServ code
XX=measured service type
YY=rate indicator

If calling plan is selected a measured , message or flat rate class of service ic required per the above criteria.

ALABAMA Options

Area calling service

Option 1	capped	AMSRBA43
Option 1	uncapped	AMSRBE43
Option 2	capped	AMSRBB43
Option 2	uncapped	AMSRBF43

Note: Uncapped is needed in Alabama for hotel/motel and hospital. Uncapped plans are not applicable to university in Alabama.

LOUISIANA OPTIONS

LOS-B Option 1 capped	LMSRDC61
LOS-B Option 2 capped	LMSRDE61
LOS-A Flat rate (measured in expanded area)	LMSRAR33

MISSISSIPPI OPTIONS

Area calling plan	
Option 1 capped	MMSRAH18
Option 2 capped	MMSRAG18
Enhanced Area calling plan	
Option 1 capped	MMSRDM63
Option 2 capped	MMSRDQ63

KENTUCKY OPTIONS

Area calling plan	
without LUD	KMSRER79
with LUD	KMSRFR79
premium	KMSRES79

TENNESSEE OPTIONS

RegionServ	
standard	TMSREE66
discount	TMSREF66

FLORIDA OPTIONS

-Local Calling plus and extended calling service will be offered. The FID ZLCP will be used to bill these two services.
-Optional extended area service will be provisioned via additive USOCs with normal link USOCs.

Message Plan code	FMSRC019 *

GEORGIA OPTIONS

Georgia community calling	GMSREL74
Sharing and Resale	GMSRA827
Message Plan code	GMSRC019 *

SOUTH CAROLINA OPTIONS

Area Plus Service	
no discount	SMSRFU93
with 20% discount-no cap	SMSRFV93
with 50% discount-no cap	SMSRFW93
Message Plan code	SMSRC019 *

NORTH CAROLINA OPTIONS

Regional Connection -Community caller plus	NMSRDW65
Sharing and Resale	NMSRA827

*** 6th. character is zero (0).**

The Class Of Service will be Measured whenever a Local Calling Plan is selected except LOS-A in Louisiana, which uses a Flat class of service. (EOMS will display the calling plan name in lieu of the word measured as a rate type.)

-In FL, GA, SC a plan code is required for Message.
-In LA if LOS-A is selected it uses a Flat class of service and a flat link.

Usage Package Additive USOCs For Calling Plans

In AL, KY, LA, MS, TN and SC an additive USOC is required per link (MultiServ) or per NAR (MultiServ PLUS) for Calling Plans. The USOCs are as follows:

ALABAMA

Area calling service	
Option 1	UPPE1
Option 2	UPPS2

Note: Package USOCs are the same for capped/uncapped

LOUISIANA

LOS-B Option 1	UPPEL
LOS-B Option 2	UPPDL
LOS-A Flat rate	UPPBL

Note: Package USOCs are the same for capped/uncapped

MISSISSIPPI

Area Calling Plan	
Option 1 capped	UPPO1
Option 2 capped	UPPO2
Enhanced Area Calling Plan	
Option 1 capped	UPP1E
Option 2 capped	UPP2S

KENTUCKY

Area Calling Plan

premium	BREKX
with LUD	UPPMA

SOUTH CAROLINA

Area **Plus Service**

20% discount	B2P
50% discount	B5P

-The other states do not have an additive USOC.

TENNESSEE

RegionServ

Discount usage	UPPMR

- The other states do not have an additive USOC.

Feature Group - Page 40

Indicate on a line-by-line basis what Feature Group is to be assigned to each line.

Indicate number of months in contract if system has an RSP.

Enter the applicable FID data.

Feature Group 1 - Enter the Hot Line Number. In the EWSD it is actual digits dialed, 2-23 characters.

Feature Group 2 - Enter the Call Pick-up Group number and the Ringing Cycle.

Feature Group 3 - Enter the Call Pick-up Group number.

Feature Group 4 - Enter the Call Forwarding Busy Line and Don't Answer number and the Ringing Cycle..

OPTIONAL FEATURES - Page 41-46

Enter a check mark next to the feature USOC applicable to the station.

RSP # of Months
Enter the number of months in the contract if RSP applies to the feature being ordered.

SECONDARY LOCATION ADDRESS (SLA)/DIFFERENT PREMISES ADDRESS (DPA) - PAGE 44

Secondary Location Address (SLA) - When a main station line is located on premises other than the main listed address, that location is designated as the Secondary Location Address.

Different Premises Address (DPA) - When an extension of a main station line is located at a different address, that location is designated as the Different Premises Address.

Complete information at top of page:
- Customer Name, LDN, Date, IDP Name, Service Order Number

Address - Enter the address of each SLA or DPA.

SLA/DPA No. (ID) - Enter the SLA/DPA identifier.

Telephone Number - Enter the telephone number being extended.

Interoffice Mileage - Enter the mileage (per mile) between the MultiServ central office and the central office serving the SLA or DPA.

DS0 LEVEL DETAIL WORKSHEET - Page 45

This page will contain the information necessary for DS0 service order issuance. Enter the Central Office address for CKL 1 and CKL 2. Enter the DS1 Circuit ID, DS1 MultiServ service Order Number (CRO'd with DS0), CLF of the DS1 and the DS0 Service Order Number (obtained through the DS1 Service Inquiry process).

8 character CLLI of C.O. Frame
|

CLF example: CLF 101 T1 CLLIDSXX CLLIMULTISERV AND/OR MULTISERV PLUS XXX
|
11 character CLLI of the MULTISERV AND/OR MULTISERV PLUS Switch

Enter the information for each DS0 channel (M1HDO) activated. Activity type (Add/Delete), Svc. Type (Tie Line, WATS, FX). Enter the Trunk Group Number (TGN) associated with each facility (DSO). The CLS is the DS0 circuit ID. A different circuit ID will be assigned to each facility group by the negotiator. The circuit IDs will always appear as Tie Lines and be suffixed (.1, .2, .3, up to 24) depending on the number of DSOs in the facility group.

CLS example: CLS 71.TLNC.305926.1.SC

The CFA Common Facility Assignment is the same as the CLF of the DS0 but includes the DS0 channel number 1-24.

DSO channel number
|

CFA example: CFA 101 T1 1 CLLIDSXX CLLI MULTISERV AND/OR MULTISERV PLUS

Enter the SFG # and Network Access Code (if applicable) associated with each facility type.

Automatic Number Referral - Page 46

In the 1AESS, numbers must be removed from the Common Block for for calls to be referred.

List the telephone numbers to be removed from the Common Block and the number the calls are to be forwarded to.

Should the customer call back and request that numbers receiving Automatic Number Referral be returned to the Common Block, list the numbers on Page 2 under Item 42 of the RF-1599. In the Remarks on Page 2, make a note that the numbers should be added back to the Common Block.

Page 41 must be faxed to the NISC-TR for coordination with the NISC-RCMAG.