

**“AMERITECH – Final Requirements Exception Request for July 24, 2000 (previously July 22, 2000) EDI Local Pre-Ordering Release”**

Date: June 9, 2000

Number: **CLECAMS00-021**

Contact: Account Manager

This Accessible Letter announces the Final Requirements for the July **24**, 2000 Electronic Data Interchange (EDI) Local Pre-Ordering release (**CLECAMS00-018** dated May 23, 2000). In order to implement these enhancements, system upgrades are required and must be performed prior to this release. Ameritech is changing the Release date from July 22, 2000 to July 24, 2000. This release will be effective at 12:01 a.m. on Monday, July 24<sup>th</sup>, 2000.

The enhancements included in this release are:

- **Three (3)** added fields for Loop Qualification:
  - Remote Terminal ADSL Available (RTAA)
  - Remote Terminal ADSL Available Date (RTAAD)
  - Remote Terminal ADSL Available LST (RTAAL)

Final scenarios and EDI specifications are attached and the changes are identified in **RED BOLD ITALIC** print. Testing will be available with general availability at 12:01 a.m. on July **24**, 2000.

If you have questions please contact your Account Manager.

Attachments

## Loop Qualification Inquiry

### Inquiry Specifications

Ameritech 850 Loop Qualification Pre-Ordering inquiry specification. Based on the draft OBF Issue 1881 with additional AIT Defined Fields.

DSL QUALIFICATION INQUIRY								
FIELD	Description	H / D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	U S E	Ordering Rule
CCNA	Customer Carrier Name Abbreviation	H		3/A	N101 = 78	N102	R	78 = Service Requestor
INQNUM	Inquiry Number	H		16/AN	BEG01 = 28 BEG02 = IN	BEG03	O	28 = Code for query IN = Code for Information Copy
D/TSENT	Date and Time Sent	H		14/AN	DTM01=097	DTM02 DTM03	R	DTM02 = Date DTM03= Time in metric format
TXTYP	Transaction Type	H	H	1/A	DE1000= IQ	DE234	R	IQ = Inquiry Type H = Loop Qualification

DSL QUALIFICATION INQUIRY								
FIELD	Description	H / D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	U SE	Ordering Rule
TXACT	Inquiry Transaction	H	A	1/A	DE1000=IR	DE234	R	IR = Transaction Activity A = New Inquiry (Actual)
NPANXX	NPANXX	H	NPANXX	6/N	DE1000= LS	DE234	R	
SANO	Service Address House Number	D		8/AN	N101 = IT NX201 = 01	NX202	R	Includes values for Service Address Street Number and Service Address House Number Suffix
SASD	Service Address Street Directional	D	E, W, N, S, NE, NW, SE, SW	2/A	N101 = IT NX201 = 03	NX202	C	E = East, W = West, N = North, S = South, NE = Northeast, NW = Northwest, SE = Southeast, SW = Southwest. May be required based upon the validated address.
SASN	Service Address Street Name	D		50/AN	N101 = IT NX201 = 02	NX202	R	Includes values for Service Address Street Name, Service Address Thoroughfare, Service Address Street Suffix
ROOM	Room	D		9/AN	N101 = IT NX201 = 35	NX202	C	May also designate other living unit descriptions May be required based upon the validated address.
BLDG	Building	D		9/AN	N101 = IT NX201 = 12	NX202	C	May be required based upon the validated address.
FLOOR	Floor	D		3/AN	N101 = IT NX201 = 32	NX202	C	May be required based upon the validated address.
SALOC	Service Address Locality	D		25/AN	N101 = IT NX201 = 07	NX202	C	
WTN	Working Telephone Number	H		10/N	DE1000=WT	DE234	O	May be used to identify the location to be qualified. Not applicable to ported numbers.
<b>SMC</b>	<b>Spectrum Management Classes</b>	H	PSD1, PSD2, PSD3, PSD4, PSD5, PSD7	4/AN	PID01 = X PID04 = PSD	PID05	O	If input is blank will default to PSD5.

## Loop Qualification Response

### Response Specifications

Ameritech 855 Loop Qualification Pre-Ordering response specification. Based on the draft OBF Issue 1881 with additional AIT defined Fields.

DSL QUALIFICATION RESPONSE								
FIELD	Description	H / D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	U S E	Ordering Rule
D/TSENT	Date and Time Sent	H		14/AN	DTM01=097	DTM02 DTM03	R	DTM02 = Date DTM03= Time in metric format
TXTYP	Transaction Type	H	H	1/A	DE1000 = IQ	DE234	R	IQ = Inquiry Type H = Loop Qualification
TXACT	Inquiry Transaction	H	A	1/A	DE1000 = IR	DE234	R	IR = Transaction Activity A = New Inquiry (Actual)
INQNUM	Inquiry Number	H		16/AN	BEG01 = 28 BEG02 = IN	BEG03	C	28 = Code for query IN = Code for Information Copy
<b>SMC</b>	<b>Spectrum Management Classes</b>	H	PSD1, PSD2, PSD3, PSD4, PSD5, PSD7	4/AN	PID01=X PID04=PSD	PID05	R	Identifies product type requested. Non Repeatable Field
TC	Taper Code	H		6/AN	REF01=LU REF03=TP	REF02	C	Reference number that identifies the loop (cable/pairs) between the central office and a serving terminal Non Repeatable Field

DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
NPANXX	NPANXX	H	NPANXX	6/N	DE1000=LS	DE234	R	Identifies the NPA/NXX of the Central Office Non Repeatable Field
ELL	Equivalent Loop Length	H		6/N	MEA01 = PS MEA02 = LN MEA04.01 = TL MEA07 = 31	MEA03	C	26 gauge equivalent loop length in kilofeet from end user location to wire center PS = Product Characteristic Specification LN = Length TL = Thousand Feet 31 = Calculated Non Repeatable Field
LLT	Loop Length Type	H	A	1/A	MEA01 = AF	MEA07	R	Identifies the source used to obtain loop information. A = Actual B = Electrical (not used by AIT) C = Estimated (Design)(Not used by AIT) Non Repeatable Field
LL	Loop Length	H		11/AN	MEA01 = AF MEA02 = LN MEA04.01 = TL	MEA03	C	Loop Length in kilofeet without the application of 26 gauge conversion factors Distance from end user location to wire center Sum of Segment Lengths. AF = Actual Total LN = Length TL = Thousand Feet (Linear) Non Repeatable Field

DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
LLG	Loop Length by Gauge	D		9/AN	SLN PO404=COL PO413 = TL PO415-R1	PO410	C	Identifies the Loop Length in Kilofeet by Gauge The first two characters will display the gauge information (i.e., 19, 22, 24 or 26) The last five characters will display the length in kilofeet Loop length of each gauge between end user location to wire center in kilofeet LN = Length TL = Thousand Feet Repeatable up to 4 times, once for each Gauge Length
LCQ	Load Coil Quantity	D		2/N	QTY01 = 48	QTY02	C	Quantity of Load Coils Present on Loop 1 = Discreet Quantity Required when load coils are present on the loop. Non Repeatable Field
LCL	Load Coil Location	D		6/AN	PO404 = COL PO413 = TL PO415 = NT	PO410	C	Off-set distance between load coils in kilofeet COL = Coil TL = Thousand Feet NT = Next Relative Position Required when load coils are present on the loop. Field Repeats up to the number of Coils (LCQ)

DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
RPETRQTY	Repeater Quantity	D		2/N	PO1/QTY QTY01=46	QTY02	C	Quantity of Repeaters Present on Loop Non Repeatable Field
RPETRLNG	Repeater Length	D		6/N	SLN/PO4 PO413=TL PO415=NT	PO410	C	Repeater Length in Kilofeet of Each Occurrence of Repeater From the Central Office Field Repeats once for each repeater (RPETRQTY)
RPETRTP	Repeater type	D		8/AN	SLN/SI DE1000=Z7	DE234	R	Indicates the type of repeater bn the loop. Field repeats once for each repeater (RPETRQTY)
BTQ	Bridged Tap Quantity	D		2/N	PO1/QTY QTY01=40	QTY02	C	Quantity of Bridge Taps Present on Loop 02 = Cumulative quantity of bridged taps on a loop. Non Repeatable Field
BTL	Bridge Tap Location	D		6/AN		PO416	C	Bridge Tap Length in Kilofeet for Each Occurrence of Bridge Tap from the Central Office Distance from the central office from which the bridge tap occurs. Required for each bridged tap on a loop. Repeats once for each BTQ
BTLEN	Bridged Tap Length	D		6/AN	PO404=COL PO413 = TL PO415=R2	PO410	C	Total Bridge Tap Length in Kilofeet Associate with the Loop Length of Bridged Tap at location Required when bridged taps are present on the loop. Non Repeatable Field
SEGFN	Segment FN	D	F1, F2, F3, F4, F5, F6, F7, F8 or F9	2/AN	SLN/PID PID01=X PID03=AS PID04=SEGFN	PID05	C	Indicates the presence of feeder cable between the Central Office and the Serving Area Interface. Repeats up to 9 Times

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LFN	Length FN	D		6/N	PO1/MEA MEA02=LN MEA04=TL=4 9	MEA03	C	Indicates the length in kilofeet between the serving area interface and the customers serving terminal Repeats once for each SEGFN
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DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
F1DQ	F1 Disturber Quantity	D		4/N	PO1/QTY QTY01=41	QTY02	C	Indicates the quantity of F1 disturbers Non Repeatable Field
F1DT	F1 Disturber Type	D	A	1/A	SLN/PID PID01=X PID03=AS PID04=F1DT	PID05	C	Indicates the Disturbers Within the F1 Feeder Cable which interfere with the DSL Signal A = Reserved T1
F1DL	F1 Disturber Location	D	A, B	1/A	SLN/SI DE1000=D1	DE234	C	Indicates the proximity of the Disturber within the F1 feeder facility A = Adjacent Binder Group B = Same Binder Group Repeats once for each F1 Location
F1DN	F1 Disturber Number	D		4/N	SLN/SI DE1000=D2	DE234	C	Indicates the number of disturber type (i.e., T1) found for the disturber location (i.e., adjacent) in the disturber aggregate Repeats once for each F1 Location
F2DQ	F2 Disturber Quantity	D		4/N	PO1/QTY QTY01=42	QTY02	C	Indicates the quantity of F2 disturbers Non Repeatable Field
F2DT	F2 Disturber Type	D	A	1/A	SLN/PID PID01=X PID03=AS PID04=F2DT	PID05	C	Indicates the Disturbers Within the F2 Feeder Cable which interfere with the DSL Signal A = Reserved T1 Repeats once for each F2DQ
F2DL	F2 Disturber Location	D	A, B	1/A	SLN/SI DE1000=D1	DE234	C	Indicates the proximity of the Disturber within the F2 distribution facility A = Adjacent Binder Group B = Same Binder Group Repeats once for each F2 Location

ATTACHMENT B

F2DN	F2 Disturber Number	D		4/N	SLN/SI DE1000=D2	DE234	C	Indicates the number of disturber type (i.e., T1) found for the disturber location (i.e., adjacent) in the disturber aggregate Repeats once for each F2 Location
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DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
OTHF1RQ	Other F1 Risk Quantity	D		4 A/N	PO1/QTY QTY01=43	QTY02	C	Indicate the quantity of other risk type (i.e., HDSL) Non Repeatable Field
OTHF1RT	Other F1 Risk Type	D	A, B, C, D, E	1/A	SLN/PID PID01=X PID03=AS PID04=OTHF1 RT	PID05	C	Indicates the Other Advanced Services Risk Within the F1 Feeder Cable which interfere with the DSL Signal A = HDSL B = ISDN C = DS1 D = ADSL E = Other (Hicap) Repeats once for each F1 Risk Type
OTHF1RL	Other F1 Risk Location	D	A, B	1/A	SLN/SI DE1000=D1	DE234	C	Indicates the proximity of the Other Advanced Services Risk within the F1 Feeder Cable A = Adjacent Binder Group B = Same Binder Group Repeats once for each F1 Risk Location
OTHF1RN	Other F1 Risk Number	D		4/N	SLN/SI DE1000=D2	DE234	C	Indicates the number of other risk type (i.e., HDSL) found for the other F1 risk location (i.e., adjacent) in the other F1 risk aggregate. Repeats once for each F1 Risk Location
OTHF2RQ	Other F2 Risk Quantity	D		4/N	PO1/QTY QTY01=44	QTY02	C	Indicates the quantity of other risk type (i.e., HDSL) Non Repeatable Field
OTHF2RT	Other F2 Risk Type	D	A, B, C, D, E	1/A	SLN/PID PID01=X PID03= AS PID04=OTHF2 RT	PID05	C	Indicates the Other Advanced Services Risk Within the F2 Feeder Cable which interfere with the DSL Signal A = HDSL B = ISDN C = DS1 D = ADSL E = Other (Hicap) Repeats once for each F2 Risk Type



DSL QUALIFICATION RESPONSE								
FIELD	Description	H / D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
OTHF2RL	Other F2 Risk Location	D	A, B	1/A	SLN/SI DE1000=D1	DE234	C	Indicates the proximity of the Other Advanced Services Risk within the F2 Feeder Cable A = Adjacent Binder Group B = Same Binder Group Repeats once for each F2 Risk Location
OTHF2RN	Other F2 Risk Number	D		4/AN	SLN/SI DE1000=D2	DE234	C	Indicates the number of other risk type (i.e., HDSL) found for the other F2 risk location (i.e., adjacent) in the other F2 risk aggregate. Repeats once for each F2 Risk Location
DLCTYPE	DLC Type	H		20/AN	PID01 = X PID03 = AS PID04 = DLCTYPE	PID05	C	Digital Loop Carrier (DLC) System Type. Example: SLC96 Non Repeatable Field
LMC	Loop Medium Code	H	A, B, C, D, E	1/A	DE1000 = Z7	DE234	C	Z7 = Loop Composition (non-TCIF) Describes the loop composition. Applies to F1 segment. A = Copper B = Pair Gain/DLC C = DLC/Copper D = FTTC E = DAML Non Repeatable Field
LMADDR	Loop Medium Address	H		256/AN	N901=L1 N902=LP N903=ADDR	MSG01	C	Address of the Remote Device Specified in the Loop Medium Code (LMC) Field Non Repeatable Field
LST	Local Service Termination	D		11/AN	DE1000=LO	DE234	C	CLLI of the Remote Device Specified in the Loop Medium Code (LMC) Field Non Repeatable Field

RSUIND	Remote Switching Unit Indicator	H	Y	1/A	HDR/PID PID01= S PID03=AS PID04=RSUIN D	PID08	C	Indicates that the Loop originates at a Remote Switching Unit (RSU) Y=Yes Non Repeatable Field
DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Element and Value	EDI Data Element	USE	Ordering Rule
RSUTYPE	Remote Switching Unit Type	H		11 A/N	HDR/SI DE1000=PF	DE234	C	Indicates the type of Remote Switching Unit (RSU) Non Repeatable field
RTIND	Remote Terminal Indicator	H	A,B	1/A	HDR/SI DE1000=OL	DE234	R	Indicates the loop originates at a Remote Terminal A=ADSL Capable RT B=non-ADSL Capable RT Non-Repeatable field
<b>RTAA</b>	<b>Remote Terminal ADSL Available</b>	<b>H</b>	<b>Y</b>	<b>1/A</b>	<b>PID01=S PID03=AS PID04=RTAA PID07=SO-RSQ</b>	<b>PID08</b>	<b>C</b>	<b>Indicates that the Remote Terminal will have ADSL available Y = Yes Non Repeatable Field</b>
<b>RTAAD</b>	<b>Remote Terminal ADSL Available Date</b>	<b>H</b>		<b>8/N</b>	<b>DTM01=018</b>	<b>DTM02</b>	<b>C</b>	<b>Indicates the date that the Remote Terminal will have ADSL available. Format = ccyyymmdd (20000322 = March 22, 2000) Non Repeatable Field</b>
<b>RTAAL</b>	<b>Remote Terminal ADSL Available LST</b>	<b>H</b>		<b>11/AN</b>	<b>HDR/SI DE1000=OS</b>	<b>DE234</b>	<b>C</b>	<b>Indicates the Local Service Termination (LST) of the Remote Terminal that will have ADSL available. Non Repeatable Field</b>
PLNTQ	Plant Type Quantity	D		3/N	PO1/QTY QTY01=45	QTY02	C	Indicates the Quantity of Plant Types Repeats
PLNTSEGFN	Plant Type FN Segment	D	F1, F2, F3, F4, F5, F6, F7, F8, F9	2/AN	SLN/SI DE1000=CT	DE234	C	Indicates the segment of the loop (F1 through F9) Repeats once for each PLNTQ.
PLNTG	Plant Type Gauge	D	19, 22, 24, 26	2/N	SLN/SI DE1000=Z8	DE234	C	Indicates the Gauge of the Loop (19, 22, 24, 26) Repeats once for each PLNTQ

## ATTACHMENT B

PLNTTC	Plant Type Code	D	A, B, C	1/A	DE1000=Z5	DE234	C	Indicates the Type of Plant Associated with the Loop A = Ariel B = Buried C = Underground Repeats once for each PLNTQ
PLNTLEN	Plant Type Length	D		6/AN	SLN/SI DE1000=Z9	DE234	C	Indicates the length of the loop by plant type by gauge. Repeats once for each PLNTQ
DSL QUALIFICATION RESPONSE								
FIELD	Description	H/D	Valid Values	Attributes	Qualifying Data Elements and Value	EDI Data Element	USE	Ordering Rule
REIND	Range Extender Indicator	H	Y	1/A	PID01=S PID03=AS PID04=REIND PID07=SO-RSQ	PID08	C	Indicates the Presence of a Range Extender on the Loop Y = Yes Non Repeatable Field
REC	Range Extender Code	H	A	1/A	PID01-X PID03= AS PID04=REC	PID05	C	Indicates the Location of the Range Extender A = Central Office Non Repeatable Field
RSST	Resistance Zone	H		2/N	DE1000=Z6	DE234	<b>R</b>	Identifies the Resistance Zone of the Loop Specified in Ohms (hundreds), example: 13=1300 Ohms Non Repeatable Field
ERRCODE	Error Code	D		80/AN	PID01 = F	PID05	C	Required when ACK01 = IR May have up to 2 PID segments
ACK	Acknowledgement	D	IA, IR	2/AN		ACK01	R	IA = Accepted Item IR = Rejected Item Non Repeatable Field

## 1. Digital Subscriber Loop Qualification Inquiry Scenario

### 1.1 DSL Qualification Inquiry Scenario – Actual

#### 1.1.1 Description:

The Actual Data inquiry is used to initiate a loop qualification inquiry for actual data at a specified validated address. The response returned provides actual data from the back end systems.

#### 1.1.2 Input:

Field	Description	Attributes	Field Usage	Example Value	Notes
CCNA	Customer Carrier Name Abbreviation	3/A	R	AAA	
INQNUM	Inquiry Number	16/AN	O	123456	
D/TSENT	Date and Time Sent	14/AN	R	200002251000AM	Date/Time in Metric Format
TXTYP	Transaction Type	1/A	R	H	H = Loop Qualification
TXACT	Inquiry Transaction	1/A	R	A	A = Actual
CC	Company Code	4/AN	O	1234	
NPANXX	NPANXX	6/N	R	314235	
SANO	Service Address House Number And suffix	8/AN	R	450	Example address: 450 ½ SW Camino Ramon Ln NW Suit 23, Bldg 1 Floor 1, Chicago
SASD	Service Address Street Directional	2/A	C	SW	May be required based upon the validated address.
SASN	Service Address Street Name	50/AN	R	Camino Ramon	
ROOM	Room	9/AN	C	Suit 23	May be required based upon the validated address.
BLDG	Building	9/AN	C	1	May be required based upon the validated address.
FLOOR	Floor	3/AN	C	1	May be required based upon the validated address.
SALOC	Service Address Locality	25/AN	C	Chicago	
WTN	Working Telephone Number	10/N	O	3122351111	May be used to identify the location to be qualified. Not applicable to ported numbers.
<b>SMC</b>	<b>Spectrum Management Classes</b>	4/AN	O	PSD1	If blank, will default to PSD5. Valid entries: PSD1, PSD2, PSD3, PSD4, PSD5, PSD7

## 1.1.3 Output:

Field	Description	Attributes	Field Usage	Example Value	Notes
INQNUM	Inquiry Number	16/AN	C	123456	Reference Number tracking the inquiry.
D/TSENT	Date and Time Sent	14/AN	R	200002251000A M	Date/Time in Metric Format
TXTYP	Transaction Type	1/A	R	H	H = Loop Qualification
TXACT	Inquiry Transaction	1/A	R	A	A = Actual
<b>SMC</b>	<b>Spectrum Management Classes</b>	4/AN	R	PSD1	Identifies product type requested. Non Repeatable Field PSD1, PSD2, PSD3, PSD4, PSD5, PSD7
TC	Taper Code	6/AN	C	130702	Reference number that identifies the loop (cable/pairs) between the central office and a serving terminal Non Repeatable Field
NPANXX	NPANXX	6/N	R	925235	Identifies the NPA/NXX of the Central Office Non Repeatable Field
ELL	Equivalent Loop Length	6/N	C	12.25	26 gauge equivalent loop length in kilofeet Non Repeatable Field
LLT	Loop Length Type	1/A	R	A	Identifies the source used to obtain loop information. Non Repeatable Field A = Actual, B = Electrical (not used by AIT), C = Estimated (Not used by AIT)
LL	Loop Length	11/AN	C	11.5	Loop Length in kilofeet without the application of 26 gauge conversion factors Distance from end user location to wire center. Sum of Segment Lengths. Non Repeatable Field

## 1.1.3 Output (continued):

Field	Description	Attributes	Field Usage	Example Value	Notes
LLG	Loop Length by Gauge	9/AN	C	19G11.25	Identifies the Loop Length in Kilofeet by Gauge The first three characters will display the gauge information (i.e., 19G, 22G, 24G or 26G) The last five characters will display the length in kilofeet Loop length of each gauge between end user location to wire center in kilofeet Repeatable up to 4 times, once for each Gauge Length
LCQ	Load Coil Quantity	2/N	C	1	Quantity of Load Coils Present on Loop Required when load coils are present on the loop. Non Repeatable Field
LCL	Load Coil Location	6/AN	C	10.75	Off-set distance between load coils in kilofeet Required when load coils are present on the loop. Field Repeats up to the number of Coils (LCQ)
RPETRQTY	Repeater Quantity	2/N	C	1	Quantity of Repeaters Present on Loop Non Repeatable Field
RPETRLNG	Repeater Length	6/N	C	12.25	Repeater Length in Kilofeet of Each Occurrence of Repeater From the Central Office Field Repeats once for each repeater(RPETRQTY)
RPETRTP	Repeater Type	8/AN	C	239A	Indicates the Type of Repeater on the Loop Field Repeats once for each repeater (RPETRQTY)
BTQ	Bridged Tap Quantity	2/N	C	1	Quantity of Bridge Taps Present on Loop Non Repeatable Field
BTL	Bridge Tap Location	6/AN	C	11.5	Bridge Tap Length in Kilofeet for Each Occurrence of Bridge Tap from the Central Office Distance from the central office from which the bridge tap occurs. Required for each bridged tap on a loop. Repeats once for each BTQ
BTLEN	Bridged Tap Length	6/AN	C	1.5	Total Bridge Tap Length in Kilofeet Associate with the Loop Length of Bridged Tap at location Required when bridged taps are present on the loop. Non Repeatable Field

## 1.1.3 Output (continued):

Field	Description	Attributes	Field Usage	Example Value	Notes
SEGFN	Segment FN	2/AN	C	F1	Indicates the presence of Feeder Cable Between the Central Office and the Serving Area Interface Repeats up to 9 times
LFN	Length FN	6/N	C	12.25	Feeder Cable Length in Kilofeet Between the Serving Area Interface and the Customers Serving Terminal Repeats once for each SEGFN
F1DQ	F1 Disturber Quantity	4/N	C	2	Indicates the quantity of disturber type (i.e., T1) Non Repeatable Field
F1DT	F1 Disturber Type	1/A	C	A	Indicates the Disturbers Within the F1 Feeder Cable which interfere with the DSL Signal A = Reserved T1 Repeats once for each F1DQ
F1DL	F1 Disturber Location	1/A	C	B	Indicates the proximity of the Disturber within the F1 A = Adjacent Binder Group, B = Same Binder Group Repeats once for each F1DQ
F1DN	F1 Disturber Number	4/N	C	1	Indicates the number of disturber type (i.e., T1) found for the disturber location (i.e., adjacent) in the disturber aggregate Repeats once for each F1DQ
F2DQ	F2 Disturber Quantity	4/N	C	2	Indicates the quantity of disturber type (i.e., T1) Non Repeatable Field
F2DT	F2 Disturber Type	1/A	C	A	Indicates the Disturbers Within the F2 Feeder Cable which interfere with the DSL Signal A = Reserved T1 Repeats once for each F2DQ
F2DL	F2 /Disturber Location	1/A	C	B	Indicates the proximity of the Disturber within the F2 A = Adjacent Binder Group, B = Same Binder Group Repeats once for each F2DQ
F2DN	F2 Disturber Number	4/N	C	1	Indicates the number of disturber type (i.e., T1) found for the disturber location (i.e., adjacent) in the disturber aggregate Repeats once for each F2DQ
OTHF1RQ	Other F1 Risk Quantity	4/AN	C	2	Indicates the quantity of other advanced services risk within the F1 Feeder Cable (i.e., HDSL) Non Repeatable Field
OTHF1RT	Other F1 Risk Type	1/A	C	A	Indicates the Other Advanced Services Risk Within the F1 Feeder Cable which interfere with the DSL Signal A = HDSL B = ISDN C = DS1 D = ADSL E = Other (Hicap) Repeats once for each OTHF1RQ

## 1.1.3 Output (continued):

Field	Description	Attributes	Field Usage	Example Value	Notes
OTHF1RL	Other F1 Risk Location	1/A	C	A	Indicates the proximity of the Other Advanced Services Risk within the F1 Feeder Cable A = Adjacent Binder Group, B = Same Binder Group Repeats once for each OTHF1RQ
OTHF1RN	Other F1 Risk Number	4/N	C	2	Indicates the number of other risk type (i.e., HDSL) found for the other risk type location. Repeats once for each OTHF1RQ
OTHF2RQ	Other F2 Risk Quantity	4/N	C	2	Indicates the quantity of other advanced services risk within the F1 Feeder Cable (i.e., HDSL) Non Repeatable Field
OTHF2RT	Other F2 Risk Type	1/A	C	A	Indicates the Other Advanced Services Risk Within the F2 Feeder Cable which interfere with the DSL Signal A = HDSL, B = ISDN, C = DS1, D = ADSL E = Other (Hicap) Repeats, once for each OTHF2DQ
OTHF2RL	Other F2 Risk Location	1/A	C	A	Indicates the proximity of the Other Advanced Services Risk within the F2 Feeder Cable A = Adjacent Binder Group, B = Same Binder Group Repeats once for each OTHF2RQ
OTHF2RN	Other F2 Risk Number	4/AN	C	2	Indicates the number of other risk type (i.e., HDSL) found for the other risk type location. Repeats once for each OTHF2RQ
DLCTYPE	DLC Type	20/AN	C	SLC96	Digital Loop Carrier (DLC) System Type. Non Repeatable Field
LMC	Loop Medium Code	1/A	C	A	Describes the loop composition. Applies to F1 segment. A = Copper, B = Pair Gain/DLC, C = DLC/Copper, D = FTTC, E = DAML Non Repeatable Field
LMADDR	Loop Medium Address	256/AN	C	Pole Next to Garage	Address of the Remote Device Specified in the Loop Medium Code (LMC) Field Non Repeatable Field
LST	Local Service Termination	11/AN	C	HRFRCT01CG1	CLLI of the Remote Device Specified in the Loop Medium Code (LMC) Field Non Repeatable Field
RSUIND	Remote Switch Unit Indicator	1/A	C	Y	Indicates that the Loop Originates at a Remote Switching Unit (RSU) Y = Yes Non Repeatable Field
RSUTYPE	Remote Switching Unit Type	11/AN	C	RSS	Indicates the type of remote switching unit (RSU). Non Repeatable Field
RTIND	Remote Terminal Indicator	1/A	R	A	Indicates that the Loop Originates at a Remote Terminal (RT) A=ADSL Capable RT B=non-ADSL Capable RT Non Repeatable Field
<b>RTAA</b>	<b>Remote Terminal ADSL Available</b>	<b>1/A</b>	<b>C</b>	<b>Y</b>	<b>Indicates that the Remote Terminal will have ADSL available</b> <b>Y = Yes</b> <b>Non Repeatable Field</b>

Field	Description	Attributes	Field Usage	Example Value	Notes
<i>RTAAD</i>	<i>Remote Terminal ADSL Available Date</i>	<i>8/N</i>	<i>C</i>	<i>20000322</i>	<i>Indicates the date that the Remote Terminal will have ADSL available. Format = ccyymmdd (20000322 = March 22, 2000) Non Repeatable Field</i>

## 1.1.3 Output (continued):

Field	Description	Attributes	Field Usage	Example Value	Notes
<b>RTAAL</b>	<b>Remote Terminal ADSL Available LST</b>	<b>11/AN</b>	<b>C</b>	<b>HRFRCT01CG1</b>	<b>Indicates the Local Service Termination (LST) of the Remote Terminal that will have ADSL available</b> <b>Non Repeatable Field</b>
PLNTQ	Plant Type Quantity	3/N	C	1	Indicates the quantity of plant types Non Repeatable Field
PLNTSEGFN	Plant Type FN Segment	2/AN	C	F1	Indicates the segment of the loop (F1 through F9) Repeats once for each PLNTQ
PLNTG	Plant Type Gauge	2/N	C	19	Indicates the gauge of the loop (19, 22, 24, 26) Repeats once for each PLNTQ
PLNTTC	Plant Type Code	1/A	C	A	Indicates the Type of Plant Associated with the Loop A = Ariel, B = Buried, C = Underground Repeats once for each PLNTQ
PLNTLEN	Plant Type Length	<b>6/AN</b>	C	12.25	Indicates the length of the loop by plant type, by gauge Repeats once for each PLNTQ
REIND	Range Extender Indicator	1/A	C	Y	Indicates the Presence of a Range Extender on the Loop Y = Yes Non Repeatable Field
REC	Range Extender Code	1/A	C	A	Indicates the Location of the Range Extender A = Central Office Non Repeatable Field
RSST	Resistance Zone	2/N	R	13	Identifies the Resistance Zone of the Loop Specified in Ohms (hundreds) 13 = 1300 Ohms Non Repeatable Field
ERRCODE	Error Code	80/AN	C	006	006 = Address Not Found – Validate address using the address validation scenario Non Repeatable Field
<b>ACK</b>	<b>Acknowledgement</b>	<b>2/AN</b>	<b>R</b>	<b>IA</b>	<b>IA=Accepted item; IR=Rejected item</b> <b>Non-repeatable</b>