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LSR-22	SCA	Special Construction Authorization	PID04=SCA	751	PID03=TI	559	H	
LSR-23	AGAUTH	Agency Authorization Status	PID04=AGAUTH	751	PID03=TI	559	H	
LSR-24	DATED	Date of Agency Authorization	DTM02	373	DTM01=124	374	H	DTM05=Century
LSR-25	AUTHNM	Authorization Name	N102	93	N101=AN	98	H	
LSR-26	ACTL	Access Control Terminal Loc.	NX202	166	NX201=Z1	1106	H	Code of Z1 is used temporarily until a code is requested from ASC X12
LSR-27	AI	Additional Point of Termination Indicator	n / a					
LSR-28	APOT	Additional Point of Termination	NX202	166	NX201=Z2	1106	H	Code of Z2 is used temporarily until a code is requested from ASC X12
LSR-29	LST	Local Service Termination	NX202	166	NX201=Z3	1106	H	Code of Z3 is used temporarily until a code is requested from ASC X12
LSR-30	LSO	Local Serving Office	Sinn	234	Sinn=LS	1000	H	
LSR-31	TOS	Type of Service	Sinn	234	Sinn=TY	1000	H	
LSR-32	SPEC	Service & Product Enhancement Code	SI03	234	SI02=SS	1000	H	
LSR-33	NC	Network Channel Code	SI03	234	SI02=NC	1000	H	
LSR-34	NCI	Network Channel Interface Code	SI03	234	SI02=NI	1000	H	



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LSR-35	SEC NCI	Secondary Network Channel Interface Code	SI03	234	SI02=SN	1000	H	
LSR-36	RPON	Related Purchase Order Number	REF02	127	REF01=CO	128	H	
LSR-37	RORD	Related Order Number	REF02	127	REF01=1V	128	H	
LSR-38	TSP	Telecommunications Service Priority	REF02	127	REF01=GP	128	H	
LSR-39	SAN	Subscriber Authorization Number	REF02	127	REF01=AE	128	H	
LSR-40	LSP AUTH	Local Service Provider Authorization	N104	67	N103=42	66	H	Included in the same segment as LSP AUTH NAME
LSR-41	LSP AUTH DATE	Local Service Provider Authorization Date	DTM02	373	DTM01=201	374	H	
LSR-42	LSP AUTH NAME	Local Service Provider Authorization Name	N102	93	N101=SE	98	H	Included in the same segment as LSP AUTH
LSR-43	CIC	Carrier Identification Code	N104	67	N103=41	66	H	Included in the same segment as CCNA
LSR-44	CUST	CustomerName	N102	93	N101=BY	98	H	Included in the same segment as Company Code
LSR-45	BI1	Billing Account Number Identifier	n / a					
LSR-46	BAN1	Billing Account Number	REF02	127	REF01=12	128	H	
LSR-47	BI2	Billing Account Number Identifier	n / a					



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LSR-48	BAN2	Billing Account Number	REF02	127	REF01=12	128	H	
LSR-49	ACNA	Access Customer Name Abbreviation	N104	67	N103=92	66	H	
LSR-50	EBD	Effective Bill Date	DTM02	373	DTM01=007	374	H	DTM05=Century
LSR-51	BILLNM	Billing Name	N102	93	N101=BT	98	H	Included in the same segment as ACNA
LSR-52	SBILLNM	Secondary Billing Name	N201	93			H	
LSR-53	TE	Tax Exemption	TXI06		TXI01=TE	963	H	
LSR-54	EBP	Extended Billing Plan	INC03	380	INC01=04	336	H	
LSR-55	STREET	Street Address	N301	166			H	Billing Address, under N101=BT
LSR-56	FLOOR	Floor	NX202	166	NX201=32	1106	H	Billing Floor, under N101=BT
LSR-57	ROOM	Room	NX202	166	NX201=35	1106	H	Billing Room, under N101=BT
LSR-58	CITY	City	N401	19			H	Billing City, under N101=BT
LSR-59	STATE	State	N402	156			H	Billing State, under N101=BT
LSR-60	ZIP CODE	Zip Code	N403	116			H	Billing Zip Code, under N101=BT
LSR-61	BILLCON	Billing Contact	PER02	93	PER01=BI	336	H	
LSR-62	TEL NO	Telephone Number	PER04	364	PER03=TE	365	H	Included in the same segment as BILLCON



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LSR-63	VTA	Variable Term Agreement	SAC01=C SAC03=TI SAC04=VT SAC15=Desc.	248 559 1301 352				H	
LSR-64	INIT	Initiator Identification	PER02	93	PER01=AG	366		H	Will appear in the N1 loop.
LSR-65	TEL NO	Telephone Number	PER04	364	PER03=TE	364		H	Included in the same segment as INIT.
LSR-66	EMAIL	Electronic Mail Address	PER06	364	PER05=EM	365		H	Included in the same segment as INIT. (Note: use either EMAIL, Facsimile or Pager Number in this data element)
LSR-67	FAX NO	Facsimile Number	PER06	364	PER05=FX	365		H	Included in the same segment as INIT. (Note: use either EMAIL, Facsimile or Pager Number in this data element)
LSR-68	STREET	Street	N301	166				H	Initiator Street, Under N101=78
LSR-69	FLOOR	Floor	NX202	166	NX201=32	1106		H	Initiator Floor, Under N101=78
LSR-70	ROOM / MAIL STOP	Room / Mail Stop	NX202	166	NX201=35	1106		H	Initiator Room / Mail Stop, Under N101=78
LSR-71	City	City	N401	19				H	Initiator City, Under N101=78
LSR-72	STATE	State / Province	N402	156				H	Initiator State / Province, Under N101=78



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LSR-73	ZIP CODE	Zip Code	N403	116			H	Initiator Zip Code, Under N101=78
LSR-74	IMPCON	Implementation Contact	PER02	93	PER01=IM	366	H	
LSR-75	TEL NO	Telephone Number	PER04	364	PER03=TE	365	H	
LSR-76	PAGER	Pager Number	PER06	364	PER05=BN	365	H	Included in the same segment as INIT (Note: use either EMAIL, Facsimile or Pager Number in this data element)
LSR-77	ALT IMPCON	Alternate Implementation Contact	PER02	93	PER01=AL	366	H	
LSR-78	TEL NO	Telephone Number	PER04	364	PER03=TE	365	H	Alternate Implementation Contact Telephone Number
LSR-79	PAGER	Pager Number	PER05	364	PER04=BN	364	H	Alternate Implementation Contact Pager Number
LSR-80	DSGCON	Design / Engineering Contact	N102	93	N101=DG	98	H	
LSR-81	DRC	Design Routing Code	SI03	234	SI02=LR	1000	H	
LSR-82	TEL NO	Telephone Number	PER04	364	PER03=TE	365	H	Design / Engineering Telephone Number
LSR-83	FAX NO	Facsimile Number	PER06	364	PER05=FX	365	H	Design / Engineering Fax Number (Note: use either EMAIL Address or Facsimile Number in this data element)



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LSR-84	EMAIL	Electronic Mail Address	PER06	364	PER05=EM	365	H	Design / Engineering EMAIL ADDRESS (Note: use either EMAIL Address or Facsimile Number in this data element)
LSR-85	STREET	Street	N301	166			H	Design / Engineering Street
LSR-86	FLOOR	Floor	NX202	166	NX201=32	1106	H	Design / Engineering Floor
LSR-87	ROOM / MAIL STOP	Room / Mail Stop	NX202	166	NX201=35	1106	H	Design / Engineering Room / Mail Stop
LSR-88	CITY	City	N401	19			H	Design / Engineering City
LSR-89	STATE	State	N402	156			H	Design / Engineering State
LSR-90	ZIP CODE	Zip Code	N403	116			H	Design / Engineering Zip Code
LSR-91	REMARKS	Remarks	PID05	352	PID04=ORI	751	H	General Remarks
EU-01	PON	Purchase Order Number	BEG03	324	BEG02=SS	92	H	Same as LSR Form
EU-02	VER	Version No.	REF02	127	REF01=V0	128	H	Same as LSR Form
EU-03	DQTY	Disconnect Quantity	n / a					Not used for EDI Transaction Set
EU-04	PG	Page No _ of _	n / a					Not used for EDI Transaction Set
EU-05	NAME	End User Name	N102	93	N101=IT	98	H	
EU-06	STREET	Street Address	N301	166			H	End User Street Address
EU-07	FLOOR	Floor	NX202	166	NX201=32	1106	H	End User Floor
EU-08	ROOM	Room	NX202	166	NX201=35	1106	H	End User Room



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EU-09	BLDG	Building	NX202	166	NX201=12	1106	H	End User Building
EU-10	CITY	City	N401	19			H	End User City
EU-11	STATE	State	N402	156			H	End User State
EU-12	ZIP CODE	Zip Code	N403	116			H	End User Zip Code
EU-13	LCON	Local Contact	PER02	93	PER01=CA	366	H	
EU-14	TEL NO	Telephone Number	PR004	364	PER03=TE	365	H	Local Contact Telephone Number
EU-15	EUMI	End User Moving Indicator	PID04=EUMI	751	PID03=TI		H	
EU-16	ACC	Access Information	PID05	352	PID04=ACC	751	H	
EU-17	IWO	Inside Wire Options	Sinn	234	Sinn=IW	1000	D	Mapped to the SI segment following the the SLN segment. (SEE NOTE 1)
EU-18	IWBAN	Inside Wire Bill Account Number	Sinn	234	Sinn=IX	1000	D	Mapped to the SI segment following the the SLN segment. (SEE NOTE 1)
EU-19	IWCON	Inside Wire Contact	PER02	93	PER01=CN	366	H	
EU-20	TEL NO	Inside Wire Contact Telephone Number	PER04	364	PER03=TE	365	H	
EU-21	LOCBAN	Local Billing Account Number	Sinn	234	Sinn=BN	1000	H	Mapped to the SI segment following the the SLN segment. (SEE NOTE 1)
EU-22	FBI	Final Bill Information Indicator	n / a					
EU-23	BILLNM	Bill Name	N102	93	N101=X1	98	H	
EU-24	SBILLNM	Secondary Billing Name	N201	93			H	
EU-25	STREET	Street Address	N301	166			H	
EU-26	FLOOR	Floor	NX202	166	NX201=32	1106	H	



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EU-27	ROOM	Room	NX202	166	NX201=35	1106	H	
EU-28	CITY	City	N401	19			H	
EU-29	STATE	State	N402	156			H	
EU-30	ZIP CODE	Zip Code	N403	116			H	
EU-31	BILLCON	Billing Contact	PER02	93	PER01=BI	366	H	
EU-32	TEL NO	Telephone Number	PER04	364	PER03=TE	365	H	
EU-33	SSN	Social Security Number	REF02	127	REF01=SY	128	H	
EU-34	REF NUM	Reference Number	POC01	350			D	
EU-35	DISC #	Disconnect Telephone Number	Sinn	234	Sinn=TN	1000	D	
EU-36	TER	Terminal Number	Sinn	234	Sinn=T5	1000	D	
EU-37	TC OPT	Transfer of Call Options	Sinn	234	Sinn=T6	1000	D	
EU-38	TC TO	Transfer of Calls To	Sinn	234	Sinn=TC	1000	D	
EU-39	TC PER	Transfer of Calls Period	DTM02	373	DTM01=376	374	D	DTM05=Century
EU-40	REMARKS	Remarks	PID05	352	PID04=ORI	751	H	General Remarks
RE-01 PON Purchase Order Number								
RE-01	PON	Purchase Order Number	BEG03	324	BEG02=SS	92	H	Same as LSR Form
RE-02	VER	Version Identification	REF02	127	REF01=V0	128	H	Same as LSR Form
RE-03	QTY	Resale Quantity		n / a				
RE-04	ORD	Order Number		n / a				
RE-05	PG	Page No _ of _		n / a				Not used for EDI Transaction Set Mapped to the SI segment following the the POC segment.
RE-06	HA	Hunt Group Activity	SI03	234	SI02=SA	1000	D	



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RE-07	HNTYP	Hunting Type Code	SInn	234 SInn=SF	1000	D	Mapped to the SI segment following the the POC segment.
RE-08	HUNT SEQ	Hunting Sequence	SI05	234 SI04=TN	1000	D	The telephone numbers, in the sequence they are to be Hunted, should be mapped to multiple SI Segments following the SLN Segment of a hunt group.
RE-09	REF	Reference Number	POC01	350		D	
RE-10	LNA	Line Activity	SI03	234 SI02=SA	1000	D	For non-hunting feature, mapped to the SI segment following the POC segment.
RE-11	TN	Telephone Number	SInn	234 SInn=TN	1000	D	For non-hunting features, map to an SI segment following the the SLN segment. For hunting, map to the SI segment following the POC segment.
RE-12	OTN	Out Telephone Number	SInn	234 SInn=TN	1000	D	Associated with a Service Activity of "CF"
RE-13	CKR	Customer Circuit Reference	SInn	234 SInn=CM	1000	D	Mapped to an SI segment following the the SLN segment.
RE-14	ECCKT	Exchange Carrier Circuit Number	SInn	234 SInn=CN	1000	D	Mapped to an SI segment following the the SLN segment.
RE-15	FPI	Freeze Presubscription Indicator Code	SInn	234 SInn=FZ	1000	D	Mapped to an SI segment following the the SLN segment.
RE-16	PIC	Presubscription Interexchange Carrier	N104	67 N101=P9	66	D	Data Elem N103=41



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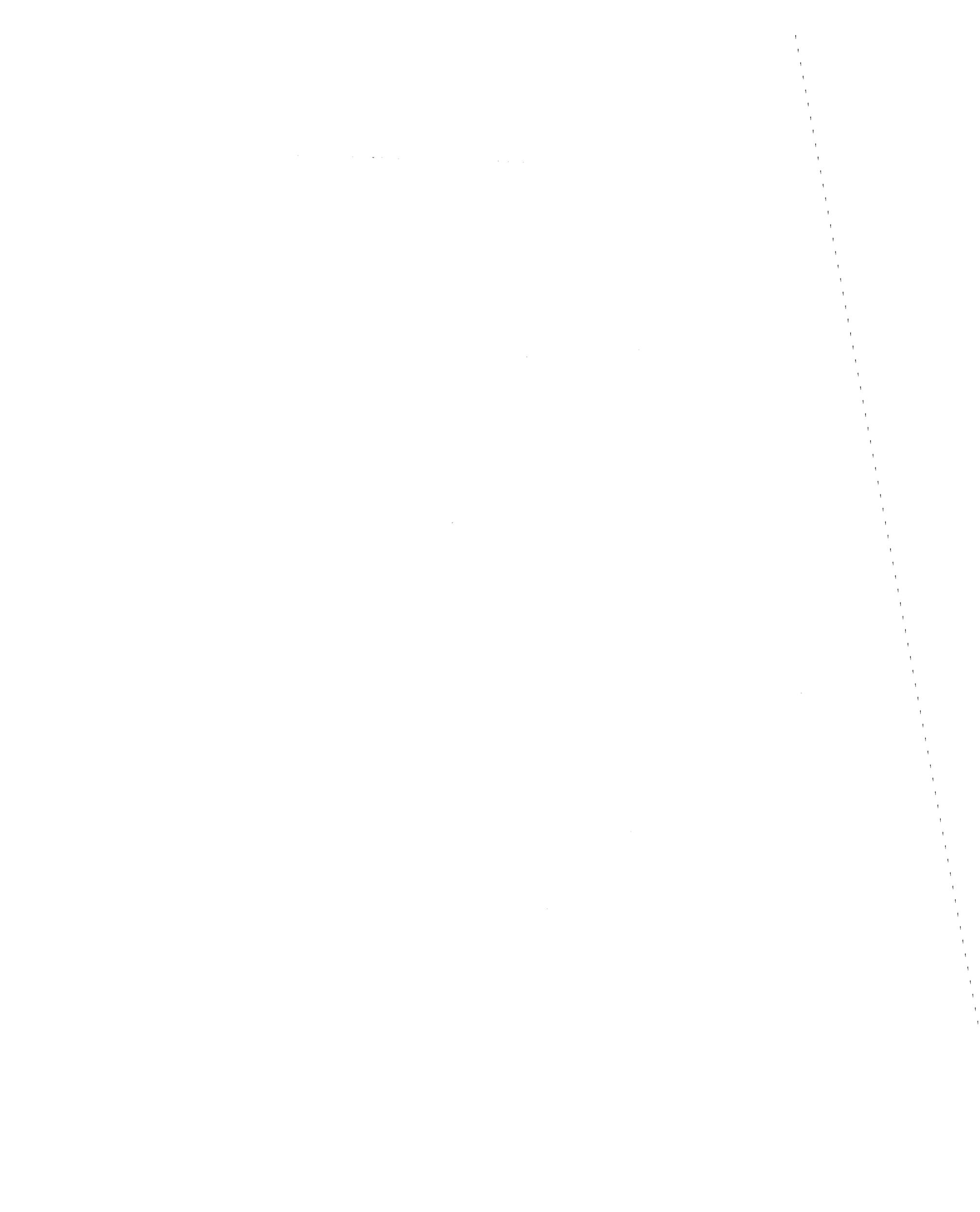
RE-17	LPIC	Local Presubscription Interexchange Carrier	N104	67	N101=8V	66	D	Data Elem N103=41
RE-18	TC OPT	Transfer of Call Options	SInn	234	SInn=T6	1000	D	Mapped to an SI segment following the the SLN segment.
RE-19	TC TO	Transfer Call To	SInn	234	SInn=TC	1000	D	Mapped to an SI segment following the the SLN segment.
RE-20	TC PER	Transfer of Calls Period	DTM002	373	DTM01=376	374	D	
RE-21	JK CODE	Jack Code	SInn	234	SInn=J1	1000	D	Mapped to the SI segment following the the SLN segment.
RE-22	JK NUM	Jack Number	SInn	234	SInn=J2	1000	D	(SEE NOTE 1) Mapped to the SI segment following the the SLN segment.
RE-23	JK POS	Jack Position	SInn	234	SInn=J3	1000	D	(SEE NOTE 1) Mapped to the SI segment following the the SLN segment.
RE-24	JR	Jack Request	PID04=J R	751	PID03=TI	559	D	(SEE NOTE 1)
RE-25	NIDR	Network Interface Device Request	PID04= NIDR	751	PID03=TI	559	D	
RE-26	IWJK	Inside Wire Jack	n / a					
RE-27	IWJQ	Inside Wire Jack Quantity	n / a					
RE-28	SGNL	Signaling	SInn	243	SInn=TS	1000	D	
RE-29	PULSE	Typy of Pulsing	SInn	243	SInn=PE	1000	D	



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RE-30	TBE	Toll Billing Exception	Sinn	234	Sinn=TB	1000	D	
RE-31	CFA	Connecting Facility Assignment	PID05	352	PID04=CFA	751	D	
RE-32	FA	Feature Activity	SI03	234	SI02=SA	1000	D	Mapped to an SI segment following the the SLN segment.
RE-33	FEATURE	Feature Codes	Sinn	234	Sinn=SF	1000	D	Mapped to the same SI segment as the Feature Activity.
RE-34	FEATURE DETAIL	Additional Feature Detail	Sinn	234	Sinn=FD	1000	D	Mapped to the same SI segment as the Feature Activity.

Note 1 - "nn" indicates data can be in any occurrence of the 1000 / 234 data element combinations of the SI Segment.



Fault Management

**Electronic Bonding Interface
for Local Services**

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1. Introduction

Long recognized by customers for the high quality of its products and services, AT&T plans to carry that tradition forward as local services are provided to AT&T customers. In providing local service to its customers, AT&T will be attentive to the maintenance of the quality of all aspects of local service. The purpose of this document is to outline the process that AT&T plans to use to maintain high quality levels of all of the facilities and services used in providing local service.

The Incumbant Local Exchange Carrier (ILEC) is a key supplier of AT&T in providing local service to customers. To facilitate the ongoing support of service delivery to the customers of local service, AT&T requires an automated interface to ensure that the technical aspects of the customers' local service will be monitored and managed to enable a quick and effective response to troubles when needed.

The interface that AT&T proposes is based on an electronic interface that is currently being used for trouble reporting (fault management) on access circuits between the ILEC and AT&T. Most of the attributes included in this proposal are currently used in the existing interface, because they are also applicable to support local service. Similarity with the interface in use should facilitate implementation of the interface proposed herein.

1.1 Overview

In the following sections of this document are AT&T's requirements for fault management attributes and functions to be used with an Electronic Bonding (EB) interface between AT&T and ILECs to support Total Service Resale (TSR) and Unbundled Network Elements (UNEs) business arrangements. Electronic "bonding" is a term referring to the required, real time data exchange between the AT&T and ILEC fault management systems.

The electronic bonding interface which AT&T is proposing is based on ANSI standards T1.227-1995 ^[1] and T1.228-1995 ^[2]. The first two entities listed below are involved directly in electronic bonding and the third entity is indirectly involved:

- **Manager** – entity responsible for the telecommunications service. The Manager is the primary customer contact. AT&T will be the Manager.
- **Agent** – entity that provides UNEs, services or circuits to the Manager. An ILEC will be the Agent.
- **Customer** – entity that purchases telecommunications service from the Manager. The Customer interacts with the Manager, not the Agent.

1.2 Scope of this Document

As stated above, this document outlines AT&T's proposal for support of UNE business arrangements. Section Two provides information on the Attributes of the troubles reported on the local service facilities, and Section Three provides information on the Functions available to the Manager and the Agent in using and administering the electronic bonding interface.

The electronic bonding interface proposed is based on ANSI standards T1.227–1995 and T1.228–1995 and all standards referenced in T1.227–1995 and T1.228–1995. AT&T assumes full compliance with these standards.

1.3 References for items not included in this Document

Items and issues not included in this document can be found in ANSI standards. Sections of the ANSI standards of particular relevance are:

- Protocols
- Generic Network Information Model (GNIM)
- Common Management Information Service Elements (CMISE) services details.

Topics not addressed in this document or ANSI T1.227–1995 and T1.228–1995 (including all standards referenced in these two standards) will need to be addressed in a Joint Implementation Agreement (JIA) between AT&T and the individual ILECs.¹

¹ Information on setting up and maintaining an EB connection, security, recovery, communications protocols, performance, and testing are contained in another AT&T document – *AT&T Electronic Bonding Interface Requirements Specifications*.

2. Attributes

This section lists the attributes and elements AT&T is proposing to support in the operation of a fault management electronic bonding interface with the ILECs.

AT&T currently has an electronic bonding interface for reporting troubles on access circuits that connect AT&T to a ILEC. The approach taken in this document was to examine the attributes used in that interface and use those that are applicable for the local service interface. Additional attributes, as needed for support of local service trouble reporting, were added from T1.227-1995. The attributes are fully defined and explained in this standard.

This section contains three items for each attribute as follows:

- A definition of the attribute
- An Attribute and Elements table
- An Attribute Sources table

The information contained in the two tables is discussed below.

The Attributes and Elements table contains information on all attributes proposed for use in electronic bonding. The information is organized as a table for each attribute. Following is an explanation of each column in the table.

1. Attribute Label – The name of the attribute, along with its elements (if any) are listed in this column.
 2. MAND/OPT/DEF – This column indicates for each element of an attribute, whether it is mandatory or optional, and what the initial, or default values are, if they exist. If an attribute is not broken into elements, this column does not apply to the attribute. All attributes listed are required. Possible entries in this column are:
 - MAND – Mandatory Element. If this attribute is to be supplied by the Manager on create, then this element must be present. If it is to be provided by the Agent on create response, then it must be present in the create response. Likewise, it must be provided on a PT-SET request or a PT-GET response (see T1.228-1995).
 - OPTIONAL – The element is optional.
 - DEFAULT – There is a default value for the element in T1.227-1995, and the value has to be shown.
 - INIT – There is an initial value for the element in T1.227-1995, and the value has to be shown.
 - NOT SUPP – The element indicated is not supported. In messages from the Manager, this element will not be provided. If it is received in a message from the Agent, the Manager will validate it for length, range, etc. based on T1.227-1995 and applicable agreements. If valid, the item will be ignored. If invalid, the message will be rejected.
 3. Length – This column indicates the acceptable length for an attribute (or its element). This column is used for both variable length attributes (or variable length elements) and fixed length attributes (or fixed length elements). A variable length attribute or element has a range specified (e.g. personName 1..20), while a fixed length attribute or element has a single value (e.g., personPhone 10).
-

4. No. Elements – This column is relevant only for attributes that are of type - SET, or of type - SET OF “type” (such as SET OF SEQUENCE). This column indicates the maximum allowable number of elements for such an attribute.
5. Type – This column indicates the ASN.1 data type of an attribute or its element.

Some attributes and elements are lists which can be extended. They are identified by an asterisk (“*”) immediately in front of the attribute or element name. The values for the lists are based on values listed in T1.227-1995 and additional values agreed on by the Electronic Communications Implementation Committee (ECIC). AT&T is willing to discuss the application of these and other values as appropriate for their intended uses.

The Attribute Sources table contains information, in a table for each attribute, on who supplies the attributes for an electronic bonding interchange. There are three columns in the table:

1. Set to Default by – This column indicates who may set an attribute to a default value during trouble report creation. Default values are listed for each attribute (where applicable) in the Attribute and Elements table.
2. Supplied by – This column indicates who may supply a value for an attribute when a trouble report is initially created.
3. Updatable by – This column indicates who may update an attribute.

There are four possible choices for each column: the Manager, the Agent, both, or not allowed (N/A).

2.1 Currently Used Attributes

This section contains information on attributes that are currently used for electronic bonding and which AT&T wishes to use.

2.1.1 Activity Duration

Indicates the Agent time spent on billable and non-billable activities. The duration and activity type must be repeated to indicate more than one person worked on a particular activity type. A separate sequence of duration, billable, and activity type is required per person per activity type. Thus if two people are dispatched after hours and each works for two hours, there will be two separate entries (sequences). In this case, billable means that the Agent will bill the Manager. It is the Manager’s decision whether to bill the customer.

AT&T expects that any hours to be billed for a dispatch will be contained in this attribute.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
activityDuration			18	SET OF SEQUENCE
duration	MAND			
timeInterval				SEQUENCE
day				INTEGER (0..31)
hour				INTEGER (0..23)
minute				INTEGER (0..59)
second	NOT SUPP.			INTEGER (0..59)
msec	NOT SUPP.			INTEGER (0..999)
billable	INIT-FALSE			BOOLEAN
*activityType	INIT-'00000000'B			BIT STRING

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Agent	Agent

2.1.2 Additional Trouble Information List

The list contains information that further describes the selected Trouble Type. The information in this attribute will vary depending on the Trouble Type. For example, if the Trouble Type indicates a metallic loop problem, this attribute could contain MLT test results. The Manager may add information but not remove it. Each time AT&T provides an *additionalTroubleInfoList* entry a new attribute value will be supplied. The Agent is expected to maintain all previous entries. This attribute may contain "calledNumber" information until such time as the "calledNumber" attribute is implemented.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
additionalTroubleInfoList		0..255	1	SET OF GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Manager	Manager

2.1.3 Additional Trouble Status Information

Further describes the value of the Trouble Report Status attribute. AT&T expects that it will also contain information on Estimated Time to Repair (ETTR) and MLT test results.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
additionalTroubleStatusInfo		0..256	1	SET OF GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Agent	Agent

2.1.4 Agent Contact Person

The Agent contact person identifies the name and phone in the Agent's organization who can be contacted regarding the reported trouble. By default, the personNumber is "". However, personName and personPhone are mandatory.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
AgentContactPerson				SEQUENCE
personReach				
personNumber	DEF ""			GraphicString
personName	MAND	1..20		GraphicString
personPhone	MAND	10..15		GraphicString
personLocation	NOT SUPP.			GraphicString
personEmail	NOT SUPP.			GraphicString
personFax	NOT SUPP.			GraphicString
personRespon	NOT SUPP.			GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Agent	Agent

2.1.5 A Location Access Address

The Agent contact person identifies the address of the customer premises. If no zip code is available, the Manager will send "0"s. The state is the United States Postal Service (USPS) 2 letter state code. Premises Name is a building name (such as World Trade Center) or optionally a company name (such as ABC Company).

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
aLocationAccessAddress				SEQUENCE
premisesName	OPTIONAL	1..38		GraphicString
premisesAddress				
civicAddress	MAND	1..38		GraphicString
city	MAND	1..36		GraphicString
state	MAND	2		GraphicString
zip	MAND	5..9		GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Manager	Manager

2.1.6 A Location Access Hours

The location access element define the specific hours for each day of the week during which access to the customer premises is available. No day of week is repeated in the set. The hours (times) provided are according to the local time at the customer's premises.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
aLocationAccessHours			7	SET OF WeekMask
WeekMask				SEQUENCE
daysOfWeek	MAND			BIT STRING
sunday (0)				
monday (1)				
tuesday (2)				
wednesday (3)				
thursday (4)				
friday (5)				
saturday (6)				
intervalsOfDay	MAND		1	SET OF SEQUENCE
intervalStart				SEQUENCE
time24				
hour				INTEGER (0..23)
minute				INTEGER (0..59)
intervalEnd ²				SEQUENCE

²Same structure as intervalStart.

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Manager	Manager

2.1.7 A Location Access Person

The location access person specifies the person who can be reached for access to the customer premises. The person may not be at the customer premises. If not, the mandatory telephone number (personPhone) can be used to contact the person. The personNumber attribute is not used and will contain the default value "".

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
aLocationAccessPerson				
personReach				
personNumber	DEF ""			GraphicString
personName	MAND	1..39		GraphicString
personPhone	MAND	10..15		GraphicString
personLocation	NOT SUPP.			GraphicString
personEmail	NOT SUPP.			GraphicString
personFax	NOT SUPP.			GraphicString
personRespon	NOT SUPP.			GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
N/A	Manager	Manager

2.1.8 Authorization List

The elements of the Authorization list identifies whether authorization is requested by the Agent and provided by the Manager for the type (or types) of activities authorized.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
authorizationList			18	SET OF SEQUENCE
requestState	MAND			ENUMERATED
requested (1)				
provided (2)				
denied (3)				
*activityType	MAND			BIT STRING
authorizationTime	NOT SUPP.			GeneralizedTime
authPerson	NOT SUPP.			SEQUENCE

Attribute Sources:

Set to Default by	Supplied by	Updatable by

Set to Default by	Supplied by	Updatable by
Agent	Manager	Both

2.1.9 Cancel Requested By Manager

The cancel request indicates whether the Manager has initiated the process to cancel a trouble report. When set to TRUE, the Manager has requested that the trouble report be canceled.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
cancelRequestedByManager	(INIT- FALSE)			BOOLEAN

Attribute Sources:

Set to Default by	Supplied by	Updatable by
Agent	N/A	Manager

2.1.10 Close Out Narrative

The close out narrative provides a place for the person who resolved the problem to document any additional information regarding the trouble report closure. This should include the cause of the trouble.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
closeOutNarr	(INIT - "")	0..256		GraphicString

Attribute Sources:

Set to Default by	Supplied by	Updatable by
Agent	N/A	Agent

2.1.11 Close Out Verification

This attribute is deleted. AT&T will not use it.

2.1.12 Commitment Time

The commitment time indicates trouble cleared time given to the Manager (AT&T) by the Agent (ILEC). The ILEC will provide either *clearedTime* (or *onsiteTime* if *clearedTime* is not possible and AT&T has agreed). AT&T assumes that the *clearedTime* (or *onsiteTime*) will be earlier than or equal to the *clearedTime* request in *commitmentTimeRequest* and that it will be in accordance with Direct Measures of Quality (DMOQ) agreed to by AT&T and the ILEC in the Joint Implementation Agreement (JIA). If it is not, AT&T will consider the trouble report to be in a jeopardy state.

Attribute and Elements:

Attribute Label	MAND/OPT/DEF	Length	No. Elem.	Type
commitmentTime				CHOICE
onsiteTime	OPT.			GeneralizedTime
clearedTime	MAND			GeneralizedTime

