GSA **U.S. General Services Administration**
Networx PMO

Networx OSS Verification Testing

Mechanized Order Formats[1]

Version 1.0
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[1] This document is a supplement to the Networx OSS Verification Testing Concept of Operations (CONOPS)

Document History

Status	Version	Date	Comments	Audience
Draft	various	various	Draft versions for review and comment	Limited
Final	1.0	3/23/07	Final version	Full

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1. Overview

This **Networx OSS Verification – Mechanized/Bulk Order Formats** document is intended to provide the specifications for an interface record to be used in Networx OSS Verification Testing for Test Case 3 – Bulk Orders. This will also be the default format for electronically-provided orders for Test Case 1 – Single Orders. It is hoped that they will also be used to exchange mechanized and bulk orders between Government Agencies and Networx contractors in under the Networx Universal and Networx Enterprise contracts.

1.1   Types of Mechanized/Bulk Orders

The Networx OSS Verification Mechanized/Bulk Order Formats support the issuance of the following order configurations:

Order Configuration	Example
A single order for a single service instance at a single location	Anti-virus management for one "seat" at a small local office
A single order for multiple service instances at a single location	Block of voice services and telephone numbers for a single location
Related services at multiple locations	Multi-point private line service
Multiple orders with the same date	Output from internal Agency ordering system for a specified day or portion of a day

1.2   Networx-Specific Data Types

The majority of data fields in the Networx OSS Verification Mechanized/Bulk Order Formats are consistent with industry data types and utilize industry standard field definitions. Data types that are unique to Networx are as follows:

- Agency Service Request Number (ASRN)

- Agency Hierarchy Code (AHC)

- Contract Line Identification Number (CLIN)

- Unique Billing Identifier (UBI)

1.2.1   Agency Service Request Number (ASRN)

The ASRN is the number by which the ordering agency identifies the Service Request. This ASRN may refer to a single order or to a project, as specified in the Networx Universal and Networx Enterprise RFPs *Section C.3.2.2.7 Step 8-- Service Delivery Project Plans*. For the purpose of the Networx OSS Verification Mechanized/Bulk Order Formats, ASRN has been mapped to the industry standard 16-character Purchase Order Number (PON) data field.

1.2.2   Agency Hierarchy Code (AHC)

The AHC is a 28-character field used by Federal Government Agencies to define billing hierarchies and relationships. The first four characters designate the Agency. The remaining 24 characters are used in different ways by different agencies and must be retained intact on all Networx ordering and billing documents, files and information exchanges, including any trailing zeroes or spaces. The AHC

has been added to the data fields on the Billing and Contact record of the Networx OSS Verification Mechanized/Bulk Order Formats.

1.2.3 Contract Line Identification Number (CLIN)

As indicated in Networx Universal and Networx Enterprise RFPs *Section C.3.5 Service Ordering*, the CLIN is critical to the Government's effort to automate ordering, billing and inventory verification. CLINs identify each billable element of a service offering and related service features.

The CLIN is a seven digit numeric field. Leading zeroes should be retained. The Networx Mechanized/Bulk Order Format contains a CLIN field for a service in the Networx Service Record and CLIN fields for each service feature in the Networx Feature Information Record. If a service or feature has more than one associated CLIN, only one CLIN will appear on the service request, although the FOC and SOCN will contain all relevant CLINs for the service or feature.

The CLIN included on service requests must be as follows:

NRC	MRC	USAGE	ORDERING CLIN
yes or no	yes	yes or no	MRC
yes	no	yes or no	NRC

1.2.4 Unique Billing Identifier (UBI)

The purpose of a UBI is to uniquely identify a single service and all components of that service separately from all other services being provided from within that same category of Networx services. The contractor must provide a Unique Billing Identifier (UBI) to identify each billed record. The Government requires the contractor to assign a unique identifier for each component of the billed service that map to the UBI. The contractor may use existing fields in its systems to provide the UBI. The contractor is allowed to determine the form of the UBI for each service (especially those with multiple components) and must provide it on the Service Order Completion Notice as well as in the Detail Billing file. In the Networx OSS Verification Mechanized/Bulk Order Formats, the UBI is defined as a 53-character field in the Administrative record for each service request (order).

2. Order Structure and Overall Format

This section describes the underlying concept, file structure, record structure and record use for the Networx OSS Verification Mechanized/Bulk Order Formats.

2.1 Mechanized/Bulk Order Underlying Concept

All US-based telecommunications carriers are familiar with ASR records and use them on a daily basis. The formats for the exchange of mechanized/bulk order information specified in this document utilize this existing standard. Specifically, the formats specified are based upon the ATIS Access Service Request (ASR), Mechanized Interface Specifications, Issue 23, ASR Version 34, March 2007, ATIS-0404100-0034.

Many standard ASR fields represent data that is required for Networx orders. Meanwhile, there are other standard ASR data fields that are not needed for Networx orders. There are still other fields that Networx requires that are not included in standard ASR data fields.

In defining Networx-compatible ASR records, standard fields have been retained whenever such data is required. In some cases, Networx data has been mapped to a standard ASR field where the meanings are similar. Data fields that are unique to Networx have been assigned to optional ASR record locations. Fields that are not needed are either not used or used to contain Networx-specific information.

2.2 Record Layout and File Structure

Each file contains fixed format, fixed length records padded to 1200 bytes. The structure of a file of service requests is illustrated in Figure 1. For more information on file structure and record identification and sequencing, see the ATIS Access Service Request (ASR), Mechanized Interface Specifications, Issue 23, ASR Version 34, March 2007, ATIS-0404100-0034. The data type for all fields is 'character'.

```
CONTROL HEADER PAD TO 1200
CONTROL ORDER INFO PAD
CONTROL ORDER INFO PAD
-
-
-
CONTROL INFO PAD
```
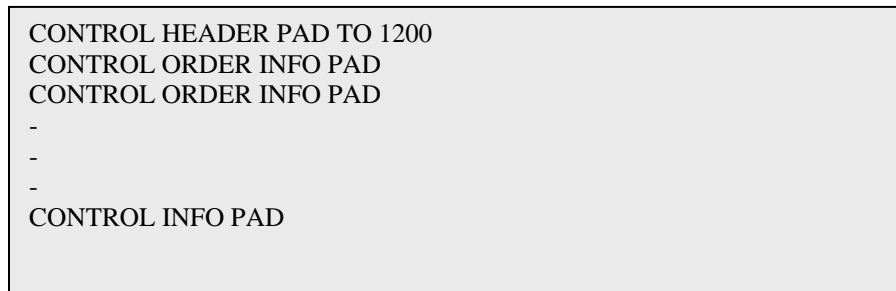
Figure 1. Structure of Transfer Files

The first record in each file must be the Header Record that identifies the type of file being transmitted. When a file's Header Record is in error, the entire file is rejected. Following the Header Record, each file contains a specific set of records that convey the information for the access request. When no Application Records exist for a file, a Header Record must be transmitted for that file with "0" (zero) in the count field.

2.3 Types of Records

As described above, specific ASR record type formats have been retained where appropriate. This applies to the Request File Header, the Administrative Record for each service request, the Billing and

Contact Record for each service request and Service Location Information Records. Unused fields in appropriate record types may be utilized for Networx-specific information.

2.3.1 Request File Header

The Request File Header provides information about the file itself, including the date of the file, the number of requests and records in the file and sufficient information to identify the file. The layout of the Request File Header for Networx mechanized/bulk orders is shown in Appendix A.

2.3.2 Administrative Record

Each order (request) in the mechanized/bulk order file will begin with an Administrative Record. This record contains general information about the administration of the order such as sufficient information to identify the order in subsequent communications. This record also identifies the type of service related to the service request.

Networx-specific data requirements have been mapped to standards-defined fields in the Administrative Record and an additional Networx data field has been identified in undefined bytes of this record. The layout of the Administrative Record for Networx mechanized/bulk orders is shown in Appendix B.

2.3.3 Billing and Contact

Each order (request) in the mechanized/bulk order file will contain a Billing and Contact Record. This record contains authorization and billing information for the order and contact information pertinent to the entire order. Networx-specific data requirements have been mapped to standards-defined fields in the Billing and Contact Record and additional Networx data fields have been identified in undefined bytes of this record. The layout of Billing and Contact Records for Networx mechanized/bulk orders is shown in Appendix C.

2.3.4 Networx Service Information

Each order (request) in the mechanized/bulk order file will contain one and only one Networx Service Information record. The Networx Service Information record contains information about the entire service being ordered. This includes:

- The service description

- The base CLIN for the service

- A case number if the CLIN is ICB (priced on an individual case basis)

- Whether the order is for routine or critical service level

- Information about reserved number blocks if appropriate

- Billing Telephone Number

- Information on access arrangements.

This record is based on ASR Service Specific record formats but is heavily customized to the information needs of the Networx ordering process. Since this is a custom record for the Networx contracts, it will carry the record type "N." This record conforms to the conventions for service-specific record types, but has unique field designations beyond the record header data. The layout of the Networx Service Information record is shown in Appendix D.

2.3.5 Networx Service Feature Information

The Networx Service Feature Information record conforms to the format for company-specific service associated records. This record contains requested Networx service features and associated CLINs, as

well as case numbers for ICB CLINs. The layout of the Networx Service Feature Information record is shown in Appendix E.

2.3.6   Networx Associated Circuit Information

Each circuit segment (or calling card with unique name or telephone number with unique accounting or authorization code) will be identified in a Networx-Associated Circuit Information record. This record is based on ASR Company Specific Associated Circuit Information record formats but is customized to the needs of the Networx ordering process. The layout of the Networx Associated Circuit Information record is shown in Appendix F.

2.3.7   Service Location Information

For each Networx service location, a related Service Location Information record should be created. If an Associated Circuit Information Record exists for that location, it will use the same REFNUM as the Service Location Information Record. The Service Location Information record specifies location-related information including address and contacts. The layout of the Service Location Information record is shown in Appendix G.

2.4   Color Key for This Document

To distinguish between formats specified in ATIS standards and adaptations for the Networx OSS Verification Mechanized/Bulk Order Formats, this document uses color coding of text and background (in tables). This convention is as follows:

CASE	EXAMPLE
Where a new record type, data field or definition has been created for Networx use or redefined for Networx use, text references are in red.	**text references are in red**
Where a standards-defined field has been mapped to a Networx-specific ordering data field, the field is shown in the record format with a yellow background.	**yellow**
Where a standards-defined field is not used but the record format is retained, the field is shown in the record format with a gray background.	**gray**
Where a standards-defined field is not required for Networx use, but may be useful for communications between an Agency and a Contractor by mutual agreement in future uses of this mechanized/bulk ordering specification, the field is shown in the record format with an orange background.	**orange**

3. Networx Ordering Data Elements Cross-Reference to Record Fields

Field Name	Field Name / ASR Reference	Record Type	Field #
Unit 1: Order Heading			
Contract Number	VTA	Billing & Contact	45
Contractor Name	AP_CODE	Administrative, Billing & Contact, Service Feature, Circuit, Location	3 4
Contractor Customer Account Number	BAN	Administrative	31
Order sent date	D_SENT, T_SENT	Administrative	12,13
Agency Service Request Number (ASRN)	PON	Administrative, Billing & Contact, Service Feature, Circuit, Location	7 8
AHC	AHC	Billing & Contact	50
ICB Case Number	ICB_CN	Service	15
Billing Agency Name	BILLNM + SBILLNM	Billing & Contact	12,13
Billing Address 1	BILL_STR	Billing & Contact	14
Billing Address 2	BILL_FL, BILL_RM	Billing & Contact	15,16
Billing City	BILL_CITY	Billing & Contact	17
Billing State	BILL_STATE	Billing & Contact	18
Billing ZIP Code	BILL_ZIP	Billing & Contact	19
Billing Phone Nr. And Email address	BILLCON_TEL, BILLCON EMAIL	Billing & Contact	21,22
DAR Name	INIT	Billing & Contact	23
CWD (Customer Want Date)	DDD	Administrative	15
Early Installation	EI	Administrative	83
Order Type	ACT	Administrative (et al.)	9
Transition Order	CCVN	Administrative	43
Shared Tenant Order	STO	Billing & Contact	51
Unit 2: Service Location Information			
Networx Inventory Code(s) - Primary Location	ACTL	Administrative	36
O-Address1	ADDRESS1	Service Location	18
O-Address2	ADDRESS2	Service Location	19
O-City	CITY	Service Location	20
O-St	STATE	Service Location	21
O-ZIP	ZIP	Service Location	22
O-Country	AAI	Service Location	23
O-Local Government Contact (LGC)	LCON	Service Location	33
O-LGC Phone and Email address	ACTEL + LCON_EMAIL	Service Location	34,44
Networx Inventory Code(s) - Secondary (Terminating) Location	SPOT	Service Location	32
T-Address 1	ADDRESS1	Service Location	18
T-Address 2	ADDRESS2	Service Location	19
T-City	CITY	Service Location	20

Field Name	Field Name / ASR Reference	Record Type	Field #
T-St	STATE	Service Location	21
T-ZIP	ZIP	Service Location	22
T-Country	AAI	Service Location	23
T-Local Government Contact (LGC)	LCON	Service Location	33
T-LGC Phone and Email address	ACTEL + LCON_EMAIL	Service Location	34,44
Unit 3: Service Specific Data			
Unique Billing Identifier (UBI)	UBI	Administrative	25
Service	SPEC	Administrative	54
Bandwidth	BDW	Networx Service	15
Feature Type(s)	FEAT*n*	Networx Feature	18-80, even
CLIN(s)	SVC_CLIN	Networx Service	55
CLIN(s)	FEAT_CLIN	Networx Feature	19-81, odd
CLIN(s)	ACC_CLIN	Networx Circuit	17
Quantity(ies)	QTY, QTY2	Administrative	29,30
Jurisdiction ID(s)	JURIS	Service Location	45
Access Type(s)	ACTYPE	Networx Service	103
Access Provisioning	ACPROV	Networx Service	104
Routine or Critical Service levels	SAL	Networx Service	50
Service Enabling Devices (SEDs) Description	SEDD	Networx Circuit	14
Phone Number/Range	PDN + DIDR2-DIDR5	Service Level Information + Networx Service	,62-65
Card Name	CARD_NAME	Networx Circuit	15
Directed to number	TF_TRANS	Networx Service	16
Originating Serving Wire Center	SWC	Service Location	47
Terminating Serving Wire Center	SWC	Service Location	47
Expedite	EXP	Administrative	16
Telecommuncation Service Priority	TSP	Administrative	51
Unit 4: Additional Instructions			
Additional Instructions	REMARKS1 + LREMARKS	Administrative + Service Location	40, 46

4. Networx Mechanized/Bulk Order File Structures

The following are some examples of possible Networx order file structures.

4.1 Agency "A"

Agency A wishes to order voice services for a location with 400 telephone lines, a multipoint private line circuit from their data center to 10 distributed server locations and 35 wireless phones for a single location plus a number of other services. This is the initial file and the initial request for all orders.

The mechanized/bulk order file for this scenario will look something like Table 4-1. Record Type (REC_TYP) values are:

- * – Header record; one per file; must be first record

- S – Administrative record; one per order; must be first record of order

- D – Billing and Contact record; one per order; must be second record of order

- N – Networx Service record; one per order; must be third record of order

- F – Associated records including Feature Information, Circuit Information and Service Location records.

Record Identifier (REC_ID) values define specific types of Associated records:

- 10 – Feature Information records

- 30 – Circuit Information records

- 40 – Service Location records.

Record Codes (REC_CODE) and Record Extensions (REC_EXT) simply identify multiple Associated records of the same type (the same REC_TYP and REC_ID) within the same order. REC_CODE values always begin with 00; REC_EXT values always begin with A and increment one letter at a time through Z. When REC_EXT reaches Z, the next record of that type will have a REC_CODE incremented by 1 (e.g., 01) with a REC_EXT of A.

The Record Mode (REC_MODE)

- I = Initial Request (Forward Feed) indicates that the request is being submitted for the first time and must be used when the request has never been sent. If an initial request was rejected and all records associated with the request were also rejected, the records can be resubmitted with an 'I' or 'C' value. However, if the Admin Record (REC_TYP = 'S') on the initial request was accepted, then all records associated with this request must be resubmitted with a REC_MODE of 'C'.

- C = Change Request (Forward Feed)

- R = Response (Reverse Feed)

- X = Resend (Forward Feed) indicates that the request was previously sent and should exist in the provider's database but the provider has asked for a resend of the request.

Table 4-1.   Agency "A" Initial mechanized/bulk Order

REC_TYP	REC_ID	REC_CODE	REC_EXT	REC_MODE	DESCRIPTION	ORDER
*				I	Header	
S				I	Administrative	Voice Services for one location
D				I	Billing & Contact	
N				I	Networx Service	
F	10	00	A	I	Feature	
F	10	00	B	I	Feature	
F	10	00	C	I	Feature	
F	30	00	A	I	Networx Circuit	
F	44	00	A	I	Service Location	
S				I	Administrative	Multi-point private line
D				I	Billing & Contact	
N				I	Networx Service	
F	30	00	A	I	Networx Circuit	
F	30	00	B	I	Networx Circuit	
F	30	00	C	I	Networx Circuit	
F	30	00	D	I	Networx Circuit	
F	30	00	E	I	Networx Circuit	
F	30	00	F	I	Networx Circuit	
F	30	00	G	I	Networx Circuit	
F	30	00	H	I	Networx Circuit	
F	30	00	I	I	Networx Circuit	
F	30	00	J	I	Networx Circuit	
F	30	00	K	I	Networx Circuit	
F	44	00	A	I	Service Location	
F	44	00	B	I	Service Location	
F	44	00	C	I	Service Location	
F	44	00	D	I	Service Location	
F	44	00	E	I	Service Location	
F	44	00	F	I	Service Location	
F	44	00	G	I	Service Location	
F	44	00	H	I	Service Location	
F	44	00	I	I	Service Location	
F	44	00	J	I	Service Location	
F	44	00	K	I	Service Location	
S				I	Administrative	Cell phones
D				I	Billing & Contact	
N				I	Networx Service	
F	10	00	A	I	Feature	
F	30	00	A	I	Networx Circuit	
F	44	00	A	I	Service Location	
…				I	…	…
…				I	…	
…				I	…	
…				I	…	

4.2   Agency "B"

Agency "B" wishes to order 42 calling cards, 50 mobile telephones, VoIP service for a remote office with 12 lines and Combined service for that same remote office. This is the initial file and the initial request for all orders.

The mechanized/bulk order file for this scenario will look something like Table 4-2.

Table 4-2. Agency "B" Initial mechanized/bulk Order

REC_TYP	REC_ID	REC_CODE	REC_EXT	REC_MODE	DESCRIPTION	ORDER
*				I	Header	
S				I	Administrative	Calling cards
D				I	Billing & Contact	
N				I	Networx Service	
F	30	00	A	I	Networx Circuit	
F	30	00	B	I	Networx Circuit	
F	30	00	C	I	Networx Circuit	
F	30	00	D	I	Networx Circuit	
F	30	00	E	I	Networx Circuit	
F	30	00	F	I	Networx Circuit	
F	30	00	G	I	Networx Circuit	
F	30	00	H	I	Networx Circuit	
F	30	00	I	I	Networx Circuit	
F	30	00	J	I	Networx Circuit	
F	30	00	K	I	Networx Circuit	
F	30	00	L	I	Networx Circuit	
F	30	00	M	I	Networx Circuit	
F	30	00	N	I	Networx Circuit	
F	30	00	O	I	Networx Circuit	
F	30	00	P	I	Networx Circuit	
F	30	00	Q	I	Networx Circuit	
F	30	00	R	I	Networx Circuit	
F	30	00	S	I	Networx Circuit	
F	30	00	T	I	Networx Circuit	
F	30	00	U	I	Networx Circuit	
F	30	00	V	I	Networx Circuit	
F	30	00	W	I	Networx Circuit	
F	30	00	X	I	Networx Circuit	
F	30	00	Y	I	Networx Circuit	
F	30	00	Z	I	Networx Circuit	
F	30	01	A	I	Networx Circuit	
F	30	01	B	I	Networx Circuit	
F	30	01	C	I	Networx Circuit	
F	30	01	D	I	Networx Circuit	
F	30	01	E	I	Networx Circuit	
F	30	01	F	I	Networx Circuit	
F	30	01	G	I	Networx Circuit	
F	30	01	H	I	Networx Circuit	
F	30	01	I	I	Networx Circuit	

REC_TYP	REC_ID	REC_CODE	REC_EXT	REC_MODE	DESCRIPTION	ORDER
F	30	01	J	I	Networx Circuit	
F	30	01	K	I	Networx Circuit	
F	30	01	L	I	Networx Circuit	
F	30	01	M	I	Networx Circuit	
F	30	01	N	I	Networx Circuit	
F	30	01	O	I	Networx Circuit	
F	30	01	P	I	Networx Circuit	
F	44	00	A	I	Service Location	
F	44	00	B	I	Service Location	
F	44	00	C	I	Service Location	
F	44	00	D	I	Service Location	
F	44	00	E	I	Service Location	
F	44	00	F	I	Service Location	
F	44	00	G	I	Service Location	
F	44	00	H	I	Service Location	
F	44	00	I	I	Service Location	
F	44	00	J	I	Service Location	
F	44	00	K	I	Service Location	
F	44	00	L	I	Service Location	
F	44	00	M	I	Service Location	
F	44	00	N	I	Service Location	
F	44	00	O	I	Service Location	
F	44	00	P	I	Service Location	
F	44	00	Q	I	Service Location	
F	44	00	R	I	Service Location	
F	44	00	S	I	Service Location	
F	44	00	T	I	Service Location	
F	44	00	U	I	Service Location	
F	44	00	V	I	Service Location	
F	44	00	W	I	Service Location	
F	44	00	X	I	Service Location	
F	44	00	Y	I	Service Location	
F	44	00	Z	I	Service Location	
F	44	01	A	I	Service Location	
F	44	01	B	I	Service Location	
F	44	01	C	I	Service Location	
F	44	01	D	I	Service Location	
F	44	01	E	I	Service Location	
F	44	01	F	I	Service Location	
F	44	01	G	I	Service Location	
F	44	01	H	I	Service Location	
F	44	01	I	I	Service Location	
F	44	01	J	I	Service Location	
F	44	01	K	I	Service Location	
F	44	01	L	I	Service Location	

REC_TYP	REC_ID	REC_CODE	REC_EXT	REC_MODE	DESCRIPTION	ORDER
F	44	01	M	I	Service Location	
F	44	01	N	I	Service Location	
F	44	01	O	I	Service Location	
F	44	01	P	I	Service Location	
S				I	Administrative	Mobile phones
D				I	Billing & Contact	
N				I	Networx Service	
F	10	00	A	I	Feature	
F	30	00	A	I	Networx Circuit	
F	44	00	A	I	Service Location	
S				I	Administrative	VoIP Service
D				I	Billing & Contact	
N				I	Networx Service	
F	10	00	A	I	Feature	
F	30	00	A	I	Networx Circuit	
F	44	00	A	I	Service Location	
S				I	Administrative	Combined Service
D				I	Billing & Contact	
N				I	Networx Service	
F	30	00	A	I	Networx Circuit	
F	44	00	A	I	Service Location	

5. Per Service Mechanized/Bulk Order Information

In the paragraphs below, complete record and field information is illustrated for Voice Services (Section 5.1.) Since many fields and allowed values are the same across all Networx services, for a selection of Networx services only those fields that differ by service are shown to illustrate the variability.

5.1   Voice Services

Voice services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, one or more Networx Features records, one or more Networx Circuit records and one or more Service Location records. Table 5-1 shows the Administrative Record data fields used for Networx Mechanized/Bulk Orders and the allowed values for each.

Table 5-1. Administrative Record Fields and Values for Voice Services

Field Name	Allowed Values
REC_TYP	S
REC_MODE	I on initial transmission; otherwise C or X
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
D_SENT	*Valid current date*
T_SENT	*Valid current time*
DDD	*Valid desired due date (Customer Want Date)*
EXP	Y *or* N
<CKR> UBI	*Blank on initial order; Contractor assigned value thereafter*
QTY	*Numeric*
QTY2	*Numeric*
BAN	*Contractor assigned account number*
<ACTL> NICODE	*Valid Networx Inventory Code*
REMARKS1	*Unformatted text as needed*
CCVN	*"T" in first byte for transition orders*
TSP CONTROL	Y *or* N
AFG	Y
SPEC	VS
PSL	*CLLI for primary location if different from NICode*
EI	Y *or* N

Table 5-2 shows the Networx Billing and Contact record data fields and appropriate values for Voice Services Networx orders.

Table 5-2. Billing & Contact Record Fields and Values for Networx Orders

Field Name	Allowed Values
REC_TYP	D
REC_MODE	I
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
BILLNM + SBILLNM	Billed Agency Name
BILL_ADD1	*Valid billing address for Billed Agency*
BILL_ADD2	*Valid billing address for Billed Agency*
BILL_CITY	*Valid billing city for Billed Agency*
BILL_STATE	*Valid billing state abbreviation for Billed Agency*
BILL_ZIP	*Valid billing zip code for Billed Agency*
BILLCON	*Billing contact for order*
BILLCON_TEL	*Valid telephone number for billing contact*
BILLCON EMAIL	*Valid email address for billing contact*
<INIT> DAR	*Valid DAR for Agency and order*
<VTA> CONT_NUM	*Valid Contract number*
AHC	*Valid Agency Hierarchy Code*
STO	A(ANI-based), P(designated percent-based) or blank

Table 5-3 shows the Networx Service Record data fields and appropriate values for Voice Services Networx orders.

Table 5-3. Networx Service Record Data Fields and Valid Values for Voice Services

Field Name	Allowed Values
REC_TYP	N
REC_MODE	I
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
SVC	*Description of valid service*
SVC_CLIN	0014*nnn*
ICB_CN	*Not valid for Voice Services*
BDW	*Not valid for Voice Services*
TF_TRANS	*Not valid for Voice Services*
SAL	R(routine) or C(critical)
DIDR2	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR3	*npa-nxx-xxxx-npa-nxx-xxxx*

Field Name	Allowed Values
DIDR4	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR5	*npa-nxx-xxxx-npa-nxx-xxxx*
ACTYPE	DED(dedicated), ON_NET(on-net) or OFF_NET(off-net circuit-switched)
ACPROV	Y *or* N

Table 5-4 identifies Networx Feature Information record data fields and valid values for Voice Services.

Table 5-4. Feature Information Record Data Fields and Valid Values for Voice Services

Field Name	Allowed Values
REC_TYP	F
REC_ID	10
REC_CODE	00 *to* 99
REC_EXT	A *to* Z
REC_MODE	I
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
FEAT1	*Valid description of a voice services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0019nnn
FEAT2	*Valid description of a voice services feature*
FEAT_CLIN2	*CLIN associated with feature description above:* 0019nnn
FEAT3	*Valid description of a voice services feature*
FEAT_CLIN3	*CLIN associated with feature description above:* 0019nnn
FEAT4	*Valid description of a voice services feature*
FEAT_CLIN4	*CLIN associated with feature description above:* 0019nnn
FEAT5	*Valid description of a voice services feature*
FEAT_CLIN5	*CLIN associated with feature description above:* 0019nnn
FEAT6	*Valid description of a voice services feature*
FEAT_CLIN6	*CLIN associated with feature description above:* 0019nnn
FEAT7	*Valid description of a voice services feature*
FEAT_CLIN7	*CLIN associated with feature description above:* 0019nnn
FEAT8	*Valid description of a voice services feature*
FEAT_CLIN8	*CLIN associated with feature description above:* 0019nnn
FEAT9	*Valid description of a voice services feature*
FEAT_CLIN9	*CLIN associated with feature description above:* 0019nnn
FEAT10	*Valid description of a voice services feature*
FEAT_CLIN10	*CLIN associated with feature description above:* 0019nnn
FEAT11	*Valid description of a voice services feature*

Field Name	Allowed Values
FEAT_CLIN11	*CLIN associated with feature description above:* 0019nnn
FEAT12	*Valid description of a voice services feature*
FEAT_CLIN12	*CLIN associated with feature description above:* 0019nnn
FEAT13	*Valid description of a voice services feature*
FEAT_CLIN13	*CLIN associated with feature description above:* 0019nnn
FEAT14	*Valid description of a voice services feature*
FEAT_CLIN14	*CLIN associated with feature description above:* 0019nnn
FEAT15	*Valid description of a voice services feature*
FEAT_CLIN15	*CLIN associated with feature description above:* 0019nnn
FEAT16	*Valid description of a voice services feature*
FEAT_CLIN16	*CLIN associated with feature description above:* 0019nnn
FEAT17	*Valid description of a voice services feature*
FEAT_CLIN17	*CLIN associated with feature description above:* 0019nnn
FEAT18	*Valid description of a voice services feature*
FEAT_CLIN18	*CLIN associated with feature description above:* 0019nnn
FEAT19	*Valid description of a voice services feature*
FEAT_CLIN19	*CLIN associated with feature description above:* 0019nnn
FEAT20	*Valid description of a voice services feature*
FEAT_CLIN20	*CLIN associated with feature description above:* 0019nnn
FEAT21	*Valid description of a voice services feature*
FEAT_CLIN21	*CLIN associated with feature description above:* 0019nnn
FEAT22	*Valid description of a voice services feature*
FEAT_CLIN22	*CLIN associated with feature description above:* 0019nnn
FEAT23	*Valid description of a voice services feature*
FEAT_CLIN23	*CLIN associated with feature description above:* 0019nnn
FEAT24	*Valid description of a voice services feature*
FEAT_CLIN24	*CLIN associated with feature description above:* 0019nnn
FEAT25	*Valid description of a voice services feature*
FEAT_CLIN25	*CLIN associated with feature description above:* 0019nnn
FEAT26	*Valid description of a voice services feature*
FEAT_CLIN26	*CLIN associated with feature description above:* 0019nnn
FEAT27	*Valid description of a voice services feature*
FEAT_CLIN27	*CLIN associated with feature description above:* 0019nnn
FEAT28	*Valid description of a voice services feature*
FEAT_CLIN28	*CLIN associated with feature description above:* 0019nnn
FEAT29	*Valid description of a voice services feature*
FEAT_CLIN29	*CLIN associated with feature description above:* 0019nnn
FEAT30	*Valid description of a voice services feature*
FEAT_CLIN30	*CLIN associated with feature description above:* 0019nnn
FEAT31	*Valid description of a voice services feature*
FEAT_CLIN31	*CLIN associated with feature description above:* 0019nnn

Field Name	Allowed Values
FEAT32	*Valid description of a voice services feature*
FEAT_CLIN32	*CLIN associated with feature description above:* 0019nnn

Table 5-5 shows the Networx Circuit information record fields and allowed values for Voice Services.

Table 5-5. Networx Circuit Information for Voice Services

Field Name	Allowed Values
REC_TYP	F
REC_ID	30
REC_CODE	00 *to* 99
REC_EXT	A *to* Z
REC_MODE	I
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
REFNUM	*Numeric 001 through 999 sequentially for Circuit records and associated Service Location records*
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Valid name for calling card*
ACC	*Access description [if ACC_PROV=Y]*
ACC_CLIN	*Access CLIN [if ACC_PROV=Y]*

Table 5-6 illustrates the Networx Service Address Location Information fields and values for Voice Services. Note that each Address record includes a Reference Number (REFNUM) that corresponds to the REFNUM in the Circuit record.

Table 5-6. Networx Service Address Location Information Fields and Values for Voice Services

Field Name	Allowed Values
REC_TYP	F
REC_ID	44
REC_CODE	00 *to* 99
REC_EXT	A *to* Z
REC_MODE	I
AP_CODE	*Valid 2-character code for contractor*
CCNA	NTX
PON	*Valid ASRN*
ACT	N(New), C(Change), D(Disconnect), M(Inside move), R(Record only change) or T(Outside move)
REFNUM	*Numeric 001 through 999 sequentially for Circuit records and associated Service Location records*

Field Name	Allowed Values
PI	Y *or* N
SERVICE ADDRESS	*Unformatted service address information or fielded service address information*
<AAI> COUNTRY	*Country identification for non-US locations*
SPOT	Y *or* N
LCON	*Valid local contact name*
ACTEL	*Valid telephone number for location access*
ACC	*Unformatted information on location access*
LCON_EMAIL	*Valid email for local contact*
JURIS	*Valid jurisdiction code*
LREMARKS	*Unformatted general information on location (e.g., hours, driving directions)*
SWC	*Serving wire center for location*

5.2   Circuit Switched Data

Circuit Switched Data Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to 1 Networx Features records, one or more Networx Circuit records and one or more Service Location records. Table 5-7 shows the Administrative Record data fields that vary across services with the unique values for Circuit Switched Data Services.

Table 5-7. Circuit Switched Data Services Administrative Record Field Values

Field Name	Allowed Values
SPEC	CSDS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-8 shows the service-variable Networx Service Record data fields and appropriate values for Circuit Switched Data Services Networx orders.

Table 5-8. Service Record Data Fields and Valid Values for Circuit Switched Data Services

Field Name	Allowed Values
SVC_CLIN	0020*nnn*
ICB_CN	*Not valid for Circuit Switched Data Services*
BDW	*Not valid for Circuit Switched Data Services*
TF_TRANS	*Not valid for Circuit Switched Data Services*
SAL	*Not valid for Circuit Switched Data Services*
DIDR2	*Not valid for Circuit Switched Data Services*
DIDR3	*Not valid for Circuit Switched Data Services*
DIDR4	*Not valid for Circuit Switched Data Services*
DIDR5	*Not valid for Circuit Switched Data Services*

Table 5-9 shows the service-variable Networx Feature Information record data fields and appropriate values for Circuit Switched Data Services Networx orders.

Table 5-9. Feature Information Valid Values for Circuit Switched Data Services

Field Name	Allowed Values
FEAT1	*Valid description of a Circuit Switched Data Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0029nnn
…	
FEATn	*Valid description of a Circuit Switched Data Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0029nnn

Table 5-10 shows the service-variable Networx Feature Information record data fields and appropriate values for Circuit Switched Data Services Networx orders.

Table 5-10. Networx Circuit Information for Circuit Switched Data Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Circuit Switched Data Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Circuit Switched Data Services orders will normally have one Service Address Location record.

5.3   Toll-Free

Toll-Free Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, 1 to 4 Networx Features records, one or more Networx Circuit records and one or more Service Location records. Table 5-11 shows the Administrative Record data fields that vary across services with the unique values for Toll-Free Services.

Table 5-11. Administrative Record Unique Field Data for Toll-Free Services

Field Name	Allowed Values
SPEC	TFS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-12 shows the service-variable Networx Service Record data fields and appropriate values for Toll-Free Services Networx orders.

Table 5-12. Service Record Data Fields and Valid Values for Toll-Free Services

Field Name	Allowed Values
SVC_CLIN	0034*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Toll-Free Services*
TF_TRANS	*Valid TN for redirection of call*
SAL	R(routine) or C(critical)
DIDR2	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR3	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR4	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR5	*npa-nxx-xxxx-npa-nxx-xxxx*

Table 5-13 shows the service-variable Networx Feature Information record data fields and appropriate values for Toll-Free Services Networx orders.

Table 5-13. Feature Information Record Data Fields and Valid Values for Toll-Free Services

Field Name	Allowed Values
FEAT1	*Valid description of a Toll-Free Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0039nnn
…	
FEATn	*Valid description of a Toll-Free Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0039nnn

Table 5-14 shows the service-variable Networx Feature Information record data fields and appropriate values for Toll-Free Services Networx orders.

Table 5-14. Networx Circuit Information for Toll-Free Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Toll-Free Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Toll-Free Services orders will normally have one Service Address Location record.

5.4   Combined

Combined Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to 1 Networx Features records, one or more Networx Circuit records and one or more Service Location records. Table 5-15 shows the Administrative Record data fields that vary across services with the unique values for Combined Services.

Table 5-15. Administrative Record Unique Field Data for Combined Services

Field Name	Allowed Values
SPEC	CS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-16 shows the service-variable Networx Service Record data fields and appropriate values for Combined Services Networx orders.

Table 5-16. Service Record Data Fields and Valid Values for Combined Services

Field Name	Allowed Values
SVC_CLIN	0034*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Combined Services*
TF_TRANS	*Valid TN for redirection of call*
SAL	R(routine) or C(critical)
DIDR2	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR3	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR4	*npa-nxx-xxxx-npa-nxx-xxxx*
DIDR5	*npa-nxx-xxxx-npa-nxx-xxxx*

Table 5-17 shows the service-variable Networx Feature Information record data fields and appropriate values for Combined Services Networx orders.

Table 5-17. Feature Information Record Data Fields and Valid Values for Combined Services

Field Name	Allowed Values
FEAT1	*Valid description of a Combined Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0019nnn *or* 0039nnn
…	
FEATn	*Valid description of a Combined Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0019nnn *or* 0039nnn

Table 5-18 shows the service-variable Networx Feature Information record data fields and appropriate values for Combined Services Networx orders.

Table 5-18. Networx Circuit Information for Combined Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Combined Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Combined Services orders will normally have one Service Address Location record.

5.5   Private Line

Private Line Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, two or more Networx Circuit records and two or more Service Location records. Table 5-19 shows the Administrative Record data fields that vary across services with the unique values for Private Line Services.

Table 5-19. Administrative Record Unique Field Data for Private Line Services

Field Name	Allowed Values
SPEC	PLS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-20 shows the service-variable Networx Service Record data fields and appropriate values for Private Line Services Networx orders.

Table 5-20. Service Record Data Fields and Valid Values for Private Line Services

Field Name	Allowed Values
SVC_CLIN	0130*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Private Line Services*
TF_TRANS	*Not valid for Private Line Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for Private Line Services*
DIDR3	*Not valid for Private Line Services*
DIDR4	*Not valid for Private Line Services*
DIDR5	*Not valid for Private Line Services*

Table 5-21 shows the service-variable Networx Feature Information record data fields and appropriate values for Private Line Services Networx orders.

Table 5-21. Feature Information Record Data Fields and Valid Values for Private Line Services

Field Name	Allowed Values
FEAT1	*Valid description of a Private Line Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0139nnn
…	
FEATn	*Valid description of a Private Line Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0139nnn

Table 5-22 shows the service-variable Networx Feature Information record data fields and appropriate values for Private Line Services Networx orders.

Table 5-22. Networx Circuit Information for Private Line Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Private Line Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Private Line Services orders will normally have one Service Address Location record.

5.6   Frame Relay

Frame Relay Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 1 or more Networx Circuit records and 1 or more Service Location records. Table 5-23 shows the Administrative Record data fields that vary across services with the unique values for Frame Relay Services.

Table 5-23. Administrative Record Unique Field Data for Frame Relay Services

Field Name	Allowed Values
SPEC	FRS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-24 shows the service-variable Networx Service Record data fields and appropriate values for Frame Relay Services Networx orders.

Table 5-24. Service Record Data Fields and Valid Values for Frame Relay Services

Field Name	Allowed Values
SVC_CLIN	0042*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Frame Relay Services*
TF_TRANS	*Not valid for Frame Relay Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for Frame Relay Services*
DIDR3	*Not valid for Frame Relay Services*

Field Name	Allowed Values
DIDR4	*Not valid for Frame Relay Services*
DIDR5	*Not valid for Frame Relay Services*

Table 5-25 shows the service-variable Networx Feature Information record data fields and appropriate values for Frame Relay Services Networx orders.

Table 5-25. Feature Information Record Data Fields and Valid Values for Frame Relay Services

Field Name	Allowed Values
FEAT1	*Valid description of a Frame Relay Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0047nnn
…	
FEATn	*Valid description of a Frame Relay Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0047nnn

Table 5-26 shows the service-variable Networx Feature Information record data fields and appropriate values for Frame Relay Services Networx orders.

Table 5-26. Networx Circuit Information for Frame Relay Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Frame Relay Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Frame Relay Services orders will normally have one Service Address Location record.

5.7   Asynchronous Transfer Mode (ATM)

ATM Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 1 or more Networx Circuit records and 1 or more Service Location records. Table 5-27 shows the Administrative Record data fields that vary across services with the unique values for ATM Services.

Table 5-27. Administrative Record Unique Field Data for ATM Services

Field Name	Allowed Values
SPEC	ATMS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-28 shows the service-variable Networx Service Record data fields and appropriate values for ATM Services Networx orders.

Table 5-28. Service Record Data Fields and Valid Values for ATM Services

Field Name	Allowed Values
SVC_CLIN	0053*nnn or 0054nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Nnnn Mbps*
TF_TRANS	*Not valid for ATM Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for ATM Services*
DIDR3	*Not valid for ATM Services*
DIDR4	*Not valid for ATM Services*
DIDR5	*Not valid for ATM Services*

Table 5-29 shows the service-variable Networx Feature Information record data fields and appropriate values for ATM Services Networx orders.

Table 5-29. Feature Information Record Data Fields and Valid Values for ATM Services

Field Name	Allowed Values
FEAT1	*Valid description of a ATM Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0059nnn
…	
FEATn	*Valid description of a ATM Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0059nnn

Table 5-30 shows the service-variable Networx Feature Information record data fields and appropriate values for ATM Services Networx orders.

Table 5-30. Networx Circuit Information for ATM Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for ATM Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. ATM Services orders will normally have one Service Address Location record.

5.8   Ethernet

Ethernet Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 1 or more Networx Circuit records and 1 or more Service Location records.

Table 5-31 shows the Administrative Record data fields that vary across services with the unique values for Ethernet Services.

Table 5-31. Administrative Record Unique Field Data for Ethernet Services

Field Name	Allowed Values
SPEC	ETHS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-32 shows the service-variable Networx Service Record data fields and appropriate values for Ethernet Services Networx orders.

Table 5-32. Service Record Data Fields and Valid Values for Ethernet Services

Field Name	Allowed Values
SVC_CLIN	0193*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Ethernet Services*
TF_TRANS	*Not valid for Ethernet Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for Ethernet Services*
DIDR3	*Not valid for Ethernet Services*
DIDR4	*Not valid for Ethernet Services*
DIDR5	*Not valid for Ethernet Services*

Table 5-33 shows the service-variable Networx Feature Information record data fields and appropriate values for Ethernet Services Networx orders.

Table 5-33. Feature Information Record Data Fields and Valid Values for Ethernet Services

Field Name	Allowed Values
FEAT1	*Valid description of a Ethernet Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0199nnn
…	
FEATn	*Valid description of a Ethernet Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0199nnn

Table 5-34 shows the service-variable Networx Feature Information record data fields and appropriate values for Ethernet Services Networx orders.

Table 5-34. Networx Circuit Information for Ethernet Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Ethernet Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Ethernet Services orders will normally have one Service Address Location record.

5.9   Premises-Based IP VPN

Premises-Based IP VPN Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 1 or more Networx Circuit

records and 1 or more Service Location records. Table 5-35 shows the Administrative Record data fields that vary across services with the unique values for Premises-Based IP VPN Services.

Table 5-35. Administrative Record Unique Field Data for Premises-Based IP VPN Services

Field Name	Allowed Values
SPEC	PBIPVPN

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-36 shows the service-variable Networx Service Record data fields and appropriate values for Premises-Based IP VPN Services Networx orders.

Table 5-36. Service Record Data Fields and Valid Values for Premises-Based IP VPN Services

Field Name	Allowed Values
SVC_CLIN	0200*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Premises-Based IP VPN Services*
TF_TRANS	*Not valid for Premises-Based IP VPN Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for Premises-Based IP VPN Services*
DIDR3	*Not valid for Premises-Based IP VPN Services*
DIDR4	*Not valid for Premises-Based IP VPN Services*
DIDR5	*Not valid for Premises-Based IP VPN Services*

Table 5-37 shows the service-variable Networx Feature Information record data fields and appropriate values for Premises-Based IP VPN Services Networx orders.

Table 5-37. Feature Information Record Data Fields and Valid Values for Premises-Based IP VPN Services

Field Name	Allowed Values
FEAT1	*Valid description of a Premises-Based IP VPN Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0209nnn
…	
FEATn	*Valid description of a Premises-Based IP VPN Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0209nnn

Table 5-38 shows the service-variable Networx Feature Information record data fields and appropriate values for Premises-Based IP VPN Services Networx orders.

Table 5-38. Networx Circuit Information for Premises-Based IP VPN Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Premises-Based IP VPN Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Premises-Based IP VPN Services orders will normally have one Service Address Location record.

5.10 Synchronous Optical Network (SONET)

SONET Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 2 Networx Circuit records and 2 Service Location records. Table 5-39 shows the Administrative Record data fields that vary across services with the unique values for SONET Services.

Table 5-39. Administrative Record Unique Field Data for SONET Services

Field Name	Allowed Values
SPEC	SONETS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-40 shows the service-variable Networx Service Record data fields and appropriate values for SONET Services Networx orders.

Table 5-40. Service Record Data Fields and Valid Values for SONET Services

Field Name	Allowed Values
SVC_CLIN	0154*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for SONET Services*
TF_TRANS	*Not valid for SONET Services*
SAL	R(routine) or C(critical)
DIDR2	*Not valid for SONET Services*
DIDR3	*Not valid for SONET Services*
DIDR4	*Not valid for SONET Services*
DIDR5	*Not valid for SONET Services*

Table 5-41 shows the service-variable Networx Feature Information record data fields and appropriate values for SONET Services Networx orders.

Table 5-41. Feature Information Record Data Fields and Valid Values for SONET Services

Field Name	Allowed Values
FEAT1	*Valid description of a SONET Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0209nnn
…	
FEATn	*Valid description of a SONET Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0209nnn

Table 5-42 shows the service-variable Networx Feature Information record data fields and appropriate values for SONET Services Networx orders.

Table 5-42. Networx Circuit Information for SONET Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for SONET Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. SONET Services orders will normally have two Service Address Location records (originating and terminating.)

5.11 Managed Network

Managed Network Services orders will contain an Administrative record, a Billing and Contact record, a Networx Service record, up to one Networx Features records, 1 or more Networx Circuit records and 1 or more Service Location records. Table 5-43 shows the Administrative Record data fields that vary across services with the unique values for Managed Network Services.

Table 5-43. Administrative Record Unique Field Data for Managed Network Services

Field Name	Allowed Values
SPEC	MNS

There are no service-variable Networx Billing and Contact record data fields and appropriate values.

Table 5-44 shows the service-variable Networx Service Record data fields and appropriate values for Managed Network Services Networx orders.

Table 5-44. Service Record Data Fields and Valid Values for Managed Network Services

Field Name	Allowed Values
SVC_CLIN	0280*nnn*
ICB_CN	*Valid ICB Case Number*
BDW	*Not valid for Managed Network Services*
TF_TRANS	*Not valid for Managed Network Services*
SAL	*Not valid for Managed Network Services*
DIDR2	*Not valid for Managed Network Services*
DIDR3	*Not valid for Managed Network Services*
DIDR4	*Not valid for Managed Network Services*
DIDR5	*Not valid for Managed Network Services*

Table 5-45 shows the service-variable Networx Feature Information record data fields and appropriate values for Managed Network Services Networx orders.

Table 5-45. Feature Information Record Data Fields and Valid Values for Managed Network Services

Field Name	Allowed Values
FEAT1	*Valid description of a Managed Network Services feature*
FEAT_CLIN1	*CLIN associated with feature description above:* 0289nnn
…	
FEATn	*Valid description of a Managed Network Services feature*
FEAT_CLINn	*CLIN associated with feature description above:* 0289nnn

Table 5-46 shows the service-variable Networx Feature Information record data fields and appropriate values for Managed Network Services Networx orders.

Table 5-46. Networx Circuit Information for Managed Network Services

Field Name	Allowed Values
SEDD	*Unformatted description of Service Enabling Device or fielded format: Description, Unit Type, Manufacturer, Model, Release, Version*
CARD_NAME	*Not valid for Managed Network Services*

There are no service-variable Networx Service Address Location Information record data fields and appropriate values. Managed Network Services orders will normally have one Service Address Location record.

Appendix A. Request File Header

RECORD TYPE: *
DATA AREA LENGTH: 42
NUMBER OF FIELDS: 10 (8 USED)

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME	STRT	LTH	FIELD DESCRIPTION
1	REC_TYP	1	1	BATCH INPUT RECORD TYPE
2	REC_MODE	2	1	BATCH INPUT RECORD MODE
3	ICSC	3	4	IC SERVICE CENTER
	AP_CODE	3	2	TWO CHARACTER PROVIDER ID (CONTRACTOR NAME)
	OFF_CODE	5	2	OFFICE CODE
4	CCNA	7	3	CUSTOMER CARRIER NAME ABBREVIATION (*ALWAYS "NTX")
5	PASSWORD	10	10	SECURITY PASSWORD
6	REQ_DATE	20	8	DATE CUSTOMER GENERATES THE FILE (ORDER SENT DATE)
7	#RECS	28	5	# RECORDS CONTAIN IN THE FILE
8	#REQS	33	5	# REQUESTS CONTAIN IN THE FILE
9	SEQ#	38	3	BATCH INPUT SEQUENCE NUMBER
10	ASOG_VER	41	2	ASOG VERSION

Appendix B. Administrative

RECORD TYPE: S
DATA AREA LENGTH: 788
NUMBER OF FIELDS: 83

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		STRT	LTH	FIELD DESCRIPTION		
1	REC_TYP		1	1	BATCH INPUT RECORD TYPE		
2	REC_MODE		2	1	BATCH INPUT RECORD MODE		
3	ICSC		3	4	IC SERVICE CENTER		
	AP_CODE		3	2	TWO CHARACTER PROVIDER ID (*MAPS TO CONTRACTOR NAME)		
	OFF_CODE		5	2	OFFICE CODE		
4	CCNA		7	3	CUSTOMER CARRIER NAME ABBREVIATION (*ALWAYS "NTX")		
5	ASR		10	10	ACCESS REQUEST NUMBER		
6	ASR1		20	8	ADD'L ASR ORDER NO. FIELD		
7	PON		28	16	PURCHASE ORDER NUMBER (ASRN)		
8	REQTYP		44	2	REQUISITION TYPE (ORDER TYPE)		
9	ACT		46	1	ACTIVITY TYPE (ORDER TYPE)		
10	VER		47	2	CUSTOMER ASR VERSION		
11	RTR		49	2	RESPONSE TYPE REQUESTED		
12	D_SENT		51	8	DATE SENT (ORDER DATE SENT)		
13	T_SENT		59	6	TIME SENT (ORDER DATE SENT)		
14	QA		65	1	QUOTE AUTHORIZATION		
15	DDD		66	8	DESIRED DUE DATE (CUSTOMER WANT DATE)		
16	EXP		74	1	EXPEDITE (EXPEDITE)		
17	PROJECT		75	16	PROJECT NUMBER (*USE ON TRANSITION ORDERS)		
18	SUP		91	1	SUPPLEMENT TYPE		
19	AFO		92	4	ADDITIONAL FORMS		
20	ALBR		96	1	ADDITIONAL LABOR		
21	AGAUTH		97	1	AGENCY AUTHORIZATION		
22	AENG		98	1	ADDITIONAL ENGINEERING		
23	DATED		99	8	DATE OF AUTHORIZATION		
24	CUST		107	25	CUSTOMER NAME		
25	CKR		132	53	CUSTOMER CIRCUIT REFERENCE (UNIQUE BILLING IDENTIFIER [UBI])		
26	UNIT		185	1	QTY IND OF CIRCUITS OR BHMC		
27	PIU		186	3	PERCENTAGE INTERSTATE		
28	ECCKT		189	53	PROVIDER CIRCUIT ID		
29	QTY		242	7	QUANTITY (QUANTITY[IES])		
30	QTY2		249	7	QUANTITY 2 (QUANTITY[IES])		
31	BAN		256	12	BILLING ACCOUNT NUMBER (CONTRACTOR CUSTOMER ACCOUNT NUMBER)		
32	ASG		268	6	ACCESS SERVICE GROUP		
33	BIC		274	1	PROVIDER INITIATED CHARGE		
34	BIC_TEL		275	10	BIC TELEPHONE NUMBER		

Key: Not used		Combined		Optional	Mapped for Networx	
	NAME		**STRT**	**LTH**	**FIELD DESCRIPTION**	
	BIC_AREA		275	3	BIC AREA CODE	
	BIC_EXCH		278	3	BIC EXCHANGE	
	BIC_NUM		281	4	BIC LINE NUMBER	
35	BIC_ID		285	12	BIC IDENTIFIER	
36	ACTL		297	11	ACCESS CUST TERMINAL LOCATION (NETWORK INVENTORY CODE)	
37	APOT		308	11	ADDITIONAL POINT OF TERM	
38	RORD		319	17	RELATED ORDER NUMBER	
39	RPON		336	16	RELATED PON	
40	REMARKS1		352	186	REMARKS (ADDITIONAL INFORMATION)	
41	TSC		538	8	TWO SIX CODE	
42	NOR		546	4	NUMBER OF REQUESTS	
43	CCVN		550	6	COORDINATED CONVERSION (TRANSITION ORDER)	
44	ASC_EC		556	4	ACCESS SERVICE COORDINATION - EXCHANGE CO.	
45	TQ		560	2	TRANSLATION QUESTIONNAIRE REQUEST	
46	LTP		562	4	LOCAL TRANSPORT	
47	FBA		566	9	FACILITY BILLING ARRANGEMENT	
48	AI		575	1	APOT INDICATOR	
49	SAN		576	30	SUBSCRIBER AUTHORIZATION NUM.	
50	LUP		606	3	LATA USAGE PERCENTAGE	
51	TSP CONTROL		609	11	TELCOMM SERVICE PRIORITY	
52	SPA		620	2	SPECIAL ACCESS INDICATOR	
53	AFG		622	1	AGENCY OF THE FEDERAL GOV'T	
54	SPEC		623	7	SVC & PROD ENHANCEMENT CODE (SERVICE)	
55	FILLER		630	6		
56	BSA		636	1	BASIC SERVING ARRANGEMENT	
57	PPTD		637	8	PROJECT PLANT TEST DATE	
58	PFPTD		645	8	PROJECT FACILITY PTD	
59	LA		653	1	LEASE ARRANGEMENT	
60	FNI		654	13	FIBER NETWORK IDENTIFICATION	
61	CFNI		667	20	CUSTOMER FIBER NETWORK IDENTIFICATION	
62	CC		687	4	COMPANY CODE	
63	PLU		691	3	PERCENT LOCAL USAGE	
64	CNO		694	12	CASE NUMBER	
65	UNE		706	1	UNBUNDLED NETWORK ELEMENT	
66	ISTN		707	10	INTERCONNECTION SCREENING TELEPHONE NUMBER	
	ISTN_AREA		707	3	ISTN AREA	
	ISTN_EXCH		710	3	ISTN EXCHANGE	
	ISTN_NUM		713	4	ISTN LINE NUMBER	
67	QNAI		717	2	QUALITY NETWORK ASSIGNMENT INFORMATION	
68	PSL		719	11	PRIMARY SERVICE LOCATION	
69	PSLI		730	1	PRIMARY SERVICE LOCATION INDICATOR	
70	WST		731	1	WIRELESS SERVICE TYPE	
71	PBT		732	1	POT BAY TYPE	

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		**STRT**	**LTH**	**FIELD DESCRIPTION**		
72	QSA		733	2	QUANTITY SERVICE ADDRESS LOCATION INFORMATION		
73	CBD		735	3	CALL BEFORE DISPATCH		
74	LADATED		738	8	DATE OF LEASE ARRANGEMENT		
75	LANM		746	15	LEASE AUTHORIZATION NAME		
76	LATA		761	3	LOCAL ACCESS TRANSPORT AREA		
77	ACTI		764	1	ACTIVITY INDICATOR		
78	FDT		765	7	FRAME DUE TIME		
79	FNT		772	1	FIBER NETWORK TYPE		
80	EVCI		773	1	ETHERNET VIRTUAL CONNECTION IDENTIFIER		
81	RFNI		774	13	RELATED FIBER NETWORK IDENTIFIER		
82	WSI		787	1	WIRELESS SITE INDICATOR		
83	EI		788	1	EARLY INSTALLATION OKAY		

Appendix C. Billing and Contact

RECORD TYPE: D
DATA AREA LENGTH: 704
NUMBER OF FIELDS: 51

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		**STRT**	**LTH**	**FIELD DESCRIPTION**		
1	REC_TYP		1	1	BATCH INPUT RECORD TYPE		
2	REC_MODE		2	1	BATCH INPUT RECORD MODE		
3	ICSC		3	4	IC SERVICE CENTER		
	AP_CODE		3	2	TWO CHARACTER PROVIDER ID (*MAPS TO CONTRACTOR NAME)		
	OFF_CODE		5	2	OFFICE CODE		
4	CCNA		7	3	CUSTOMER CARRIER NAME ABBREVIATION (*ALWAYS "NTX")		
5	ASR		10	10	ACCESS REQUEST NUMBER		
6	ASR1		20	8	ADD'L ASR ORDER NO. FIELD		
7	PON		28	16	PURCHASE ORDER NUMBER (ASRN)		
8	REQTYP		44	2	REQUISITION TYPE (SERVICE)		
9	ACT		46	1	ACTIVITY TYPE (ORDER TYPE)		
10	VER		47	2	CUSTOMER ASR VERSION		
11	ACNA		49	3	ACCESS CUSTOMER NAME ABBREVIATION		
12	BILLNM		52	25	BILLING NAME (BILLING AGENCY NAME)		
13	SBILLNM		77	25	SECONDARY BILLING NAME		
14	BILL_STR		102	25	STREET (BILLING ADDRESS 1)		
15	BILL_FL		127	3	FLOOR (BILLING ADDRESS 2)		
16	BILL_RM		130	6	ROOM		
17	BILL_CITY		136	25	CITY		
18	BILL_STATE		161	2	STATE/PROVINCE		
19	BILL_ZIP		163	12	BILL CONTACT ZIP/POSTAL CODE		
20	BILLCON		175	15	BILLING CONTACT		
21	BILLCON_TEL		190	14	BILLING CONTACT TELEPHONE NUM.		
	BILLCON_AREA		190	3	BILLING TELEPHONE AREA CODE		
	BILLCON_EXCH		193	3	BILLING TELEPHONE EXCHANGE		
	BILLCON_NUM		196	4	BILLING TELEPHONE LINE NUMBER		
	BILLCON_EXT		200	4	BILLING TELEPHONE EXTENSION		
22	BILLCON EMAIL		204	60	BILLING CONTACT ELECTRONIC MAIL ADDRESS		
23	INIT		264	15	REQUEST INITIATOR (DAR)		
24	INITIATOR_TEL		279	14	INITIATOR TELEPHONE NUMBER		
	INIT_AREA_CD		279	3	INITIATOR TN AREA CODE		
	INIT_EXCH		282	3	INITIATOR TN EXCHANGE		
	INIT_NUM		285	4	INITIATOR TN LINE NUMBER		
	INIT_EXT		289	4	INITIATOR TN EXTENSION		
25	INIT EMAIL		293	60	INITIATOR ELECTRONIC MAIL ADDRESS		
26	INIT FAX NO		353	10	INITIATOR FACSIMILE NUMBER		
	INIT FAX NO_AREA		353	3	INITIATOR FACSIMILE NUMBER AREA		

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		STRT	LTH	FIELD DESCRIPTION		
	INIT FAX NO_EXCH	356	3	INITIATOR FACSIMILE NUMBER EXCHANGE			
	INIT FAX NO_NUM	359	4	INITIATOR FACSIMILE NUMBER LINE NUMBER			
27	DSGCON	363	15	DESIGN/ENGINEERING CONTACT			
28	DSGCON_TEL	378	14	DESIGN CONTACT TELEPHONE NUMBER			
	DSGCON_AREA	378	3	DESIGN CONTACT TN AREA CODE			
	DSGCON_EXCH	381	3	DESIGN CONTACT TN EXCHANGE			
	DSGCON_NUM	384	4	DESIGN CONTACT TN LINE NUMBER			
	DSGCON_EXT	388	4	DESIGN CONTACT TN EXTENSION			
29	DSG FAX NO	392	10	DESIGN FACSIMILE NUMBER			
	DSG FAX NO_AREA	392	3	DESIGN FACSIMILE NUMBER AREA			
	DSG FAX NO_EXCH	395	3	DESIGN FACSIMILE NUMBER EXCHANGE			
	DSG FAX NO_NUM	398	4	DESIGN FACSIMILE NUMBER LINE NUMBER			
30	DSGCON_STR	402	25	DESIGN CONTACT STREET			
31	DSGCON_FL	427	3	FLOOR			
32	DSGCON_RM	430	6	ROOM			
33	DSGCON_CITY	436	25	CITY			
34	DSGCON_STATE	461	2	STATE/PROVINCE			
35	DSGCON_ZIP	463	12	DESIGN CONTACT ZIP/POSTAL CODE			
36	DSG EMAIL	475	60	DESIGN ELECTRONIC MAIL ADDRESS			
37	DRC	535	3	DESIGN ROUTING CODE			
38	FDRC	538	3	FACILITY DESIGN ROUTING CODE			
39	IMPCON	541	15	IMPLEMENTATION CONTACT			
40	IMPCON_TEL	556	14	IMPLEMENTATION CONTACT TEL			
	IMPCON_AREA	556	3	IMPCON TN AREA CODE			
	IMPCON_EXCH	559	3	IMPCON TN EXCHANGE			
	IMPCON_NUM	562	4	IMPCON LINE NUMBER			
	IMPCON_EXT	566	4	IMPCON TN EXTENSION			
41	MTCE_CONTACT	570	11	MAINTENANCE CONTACT			
42	MTCE_TEL	581	10	MAINTENANCE CONTACT TELEPHONE			
	MTCE_AREA	581	3	MAINTENANCE CONTACT TN AREA			
	MTCE_EXCH	584	3	MAINTENANCE CONT. TN EXCHANGE			
	MTCE_NUM	587	4	MTCE CONTACT TN LINE NUMBER			
43	TE	591	1	TAX EXEMPTION			
44	EBP	592	6	EXTENDED BILLING PLAN			
45	VTA	598	17	VARIABLE TERM AGREEMENT (CONTRACT NUMBER)			
46	VCVTA	615	17	VC VARIABLE TERM ARRANGEMENT			
47	IWBAN	632	16	INSIDE WIRE BILLING ACCOUNT NUMBER			
48	PNUM	648	20	PROMOTION NUMBER			
49	PSD	668	8	PROMOTION SUBSCRIPTION DATE			
50	AHC	676	28	AGENCY HIERARCHY CODE			
51	STO	704	1	SHARED TENANT ORDER			

Appendix D. Networx Service Record

RECORD TYPE: N
DATA AREA LENGTH: 927
NUMBER OF FIELDS: 104

Key: Not used		Combined		Optional	Mapped for Networx	
	NAME	**STRT**	**LTH**	**FIELD DESCRIPTION**		
1	REC_TYP	1	1	BATCH INPUT RECORD TYPE		
2	REC_MODE	2	1	BATCH INPUT RECORD MODE		
3	ICSC	3	4	IC SERVICE CENTER		
	AP_CODE	3	2	TWO CHARACTER PROVIDER ID (*MAPS TO CONTRACTOR NAME)		
	OFF_CODE	5	2	OFFICE CODE		
4	CCNA	7	3	CUSTOMER CARRIER NAME ABBREVIATION (*ALWAYS "NTX")		
5	ASR	10	10	ACCESS REQUEST NUMBER		
6	ASR1	20	8	ADD'L ASR ORDER NO. FIELD		
7	PON	28	16	PURCHASE ORDER NUMBER (ASRN)		
8	REQTYP	44	2	REQUISITION TYPE (SERVICE)		
9	ACT	46	1	ACTIVITY TYPE (ORDER TYPE)		
10	VER	47	2	CUSTOMER ASR VERSION		
12	***	49	51	RESERVED FOR HEADER TYPE DATA		
13	SVC	101	20	SERVICE DESCRIPTION		
14	SVC_CLIN	121	7	CLIN FOR SERVICE		
15	ICB_CN	128	25	ICB CASE NUMBER		
16	BDW	153	7	BANDWIDTH		
16	TF_TRANS	160	14	POTS NUMBER TO WHICH TOLL FREE CALLS ARE TRANSLATED		
	TF_TRANS_NPA	160	3	TF_TRANS AREA CODE		
	TF_TRANS_NXX	163	3	TF_TRANS EXCHANGE		
	TF_TRANS_NUM	166	4	TF_TRANS NUMBER		
	TF_TRANS_EXT	170	4	TF_TRANS EXTENSION		
17	FILLER	174	10			
18	SAL	184	3	SVC. ASSURANCE LEVEL [ROUTINE ("R") OR CRITICAL ("C") SERVICE LEVEL]		
19	FILLER	187	10			
20	STN	508	12	SCREENING TEL # FOR WIRELESS		
21	RC6BX	520	3	RECORDING NUMBER BLOCKS		
22	NOJA1	523	3	NUMBER OF RESERVED NUMBER BLOCKS		
23	DIDR2	526	25	DIRECT INWARD DIAL NUMBER RANGE		
24	DIDR3	551	25	DIRECT INWARD DIAL NUMBER RANGE		
25	DIDR4	576	25	DIRECT INWARD DIAL NUMBER RANGE		
26	DIDR5	601	25	DIRECT INWARD DIAL NUMBER RANGE		
27	P8J	626	3	PAGE 800 LINES		
28	P8K	629	3	PAGE 800 LINES		
29	P8L	632	3	PAGE 800 LINES		
30	FILLER	688	51			
31	BTN	841	10	BILLING TELEPHONE NUMBER		
32	FILLER	851	4			
33	ACTYPE	921	6	ACCESS TYPE		
34	ACPROV	927	1	ACCESS PROVISIONING		

Appendix E. Feature Information Record

RECORD TYPE: F
RECORD ID: 10A
DATA AREA LENGTH: 1185
NUMBER OF FIELDS: 81

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME	**STRT**	**LTH**	**FIELD DESCRIPTION**			
1	REC_TYP	1	1	BATCH INPUT RECORD TYPE			
2	REC_ID	2	3	BATCH INPUT RECORD IDENTIFICATION			
	REC_CODE	2	2	BATCH INPUT RECORD CODE			
	REC_EXT	4	1	BATCH INPUT RECORD EXT CODE			
3	REC_MODE	5	1	BATCH INPUT RECORD MODE			
4	ICSC	6	4	IC SERVICE CENTER			
	AP_CODE	6	2	TWO CHARACTER PROVIDER ID (*MAPS TO CONTRACTOR NAME)			
	OFF_CODE	8	2	OFFICE CODE			
5	CCNA	10	3	CUSTOMER CARRIER NAME ABBREVIATION (*ALWAYS "NTX")			
6	ASR	13	10	ACCESS REQUEST NUMBER			
7	ASR1	23	8	ADD'L ASR ORDER NO. FIELD			
8	PON	31	16	PURCHASE ORDER NUMBER (ASRN)			
9	REQTYP	47	2	REQUISITION TYPE (ORDER TYPE)			
10	ACT	49	1	ACTIVITY TYPE (ORDER TYPE)			
11	VER	50	2	CUSTOMER ASR VERSION			
12	***	52	49	RESERVED FOR HEADER TYPE DATA			
17	FILLER	101	78				
18	FEAT1	179	25	FEATURE 1			
19	FEAT_CLIN1	204	7	CLIN FOR FEATURE 1			
20	FEAT2	211	25	FEATURE 2			
21	FEAT_CLIN2	236	7	CLIN FOR FEATURE 2			
22	FEAT3	243	25	FEATURE 3			
23	FEAT_CLIN3	268	7	CLIN FOR FEATURE 3			
24	FEAT4	275	25	FEATURE 4			
25	FEAT_CLIN4	300	7	CLIN FOR FEATURE 4			
26	FEAT5	307	25	FEATURE 5			
27	FEAT_CLIN5	332	7	CLIN FOR FEATURE 5			
28	FEAT6	339	25	FEATURE 6			
29	FEAT_CLIN6	364	7	CLIN FOR FEATURE 6			
30	FEAT7	371	25	FEATURE 7			
31	FEAT_CLIN7	396	7	CLIN FOR FEATURE 7			
32	FEAT8	403	25	FEATURE 8			
33	FEAT_CLIN8	428	7	CLIN FOR FEATURE 8			
34	FEAT9	435	25	FEATURE 9			
35	FEAT_CLIN9	460	7	CLIN FOR FEATURE 9			
36	FEAT10	467	25	FEATURE 10			
37	FEAT_CLIN10	492	7	CLIN FOR FEATURE 10			
38	FEAT11	499	25	FEATURE 11			
39	FEAT_CLIN11	524	7	CLIN FOR FEATURE 11			
40	FEAT12	531	25	FEATURE 12			
41	FEAT_CLIN12	556	7	CLIN FOR FEATURE 12			
42	FEAT13	563	25	FEATURE 13			

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME	**STRT**	**LTH**	**FIELD DESCRIPTION**			
43	FEAT_CLIN13	588	7	CLIN FOR FEATURE 13			
44	FEAT14	595	25	FEATURE 14			
45	FEAT_CLIN14	620	7	CLIN FOR FEATURE 14			
46	FEAT15	627	25	FEATURE 15			
47	FEAT_CLIN15	652	7	CLIN FOR FEATURE 15			
48	FEAT16	659	25	FEATURE 16			
49	FEAT_CLIN16	684	7	CLIN FOR FEATURE 16			
50	FEAT17	691	25	FEATURE 17			
51	FEAT_CLIN17	716	7	CLIN FOR FEATURE 17			
52	FEAT18	723	25	FEATURE 18			
53	FEAT_CLIN18	748	7	CLIN FOR FEATURE 18			
54	FEAT19	755	25	FEATURE 19			
55	FEAT_CLIN19	780	7	CLIN FOR FEATURE 19			
56	FEAT20	787	25	FEATURE 20			
57	FEAT_CLIN20	812	7	CLIN FOR FEATURE 20			
58	FEAT21	819	25	FEATURE 21			
59	FEAT_CLIN21	844	7	CLIN FOR FEATURE 21			
60	FEAT22	851	25	FEATURE 22			
61	FEAT_CLIN22	876	7	CLIN FOR FEATURE 22			
62	FEAT23	883	25	FEATURE 23			
63	FEAT_CLIN23	908	7	CLIN FOR FEATURE 23			
64	FEAT24	915	25	FEATURE 24			
65	FEAT_CLIN24	940	7	CLIN FOR FEATURE 24			
66	FEAT25	947	25	FEATURE 25			
67	FEAT_CLIN25	972	7	CLIN FOR FEATURE 25			
68	FEAT26	979	25	FEATURE 26			
69	FEAT_CLIN26	986	7	CLIN FOR FEATURE 26			
70	FEAT27	993	25	FEATURE 27			
71	FEAT_CLIN27	1018	7	CLIN FOR FEATURE 27			
72	FEAT28	1025	25	FEATURE 28			
73	FEAT_CLIN28	1050	7	CLIN FOR FEATURE 28			
74	FEAT29	1057	25	FEATURE 29			
75	FEAT_CLIN29	1082	7	CLIN FOR FEATURE 29			
76	FEAT30	1089	25	FEATURE 30			
77	FEAT_CLIN30	1114	7	CLIN FOR FEATURE 30			
78	FEAT31	1121	25	FEATURE 31			
79	FEAT_CLIN31	1146	7	CLIN FOR FEATURE 31			
80	FEAT32	1153	25	FEATURE 32			
81	FEAT_CLIN32	1178	7	CLIN FOR FEATURE 32			

Appendix F. Networx-Specific Circuit Information

RECORD TYPE: F
RECORD ID: 30A
DATA AREA LENGTH: 148
NUMBER OF FIELDS: 14

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		**STRT**	**LTH**	**FIELD DESCRIPTION**		
1	REC_TYP		1	1	BATCH INPUT RECORD TYPE		
2	REC_ID		2	3	BATCH INPUT RECORD ID		
	REC_CODE		2	2	BATCH INPUT RECORD CODE		
	REC_EXT		4	1	BATCH INPUT REC. EXT CODE		
3	REC_MODE		5	1	BATCH INPUT RECORD MODE		
4	ICSC		6	4	IC SERVICE CENTER		
	AP_CODE		6	2	TWO CHARACTER PROVIDER ID (CONTRACTOR NAME)		
	OFF_CODE		8	2	OFFICE CODE		
5	CCNA		10	3	CUSTOMER CARRIER NAME ABBREVIATION		
6	ASR		13	10	ACCESS REQUEST NUMBER		
7	ASR1		23	8	ADD'L ASR ORDER NO. FIELD		
8	PON		31	16	PURCHASE ORDER NUMBER (ASRN)		
9	REQTYP		47	2	REQUISITION TYPE		
10	ACT		49	1	ACTIVITY TYPE		
11	VER		50	2	CUSTOMER ASR VERSION		
12	REFNUM		52	4	REFERENCE NUMBER		
13	***		56	45	RESERVED FOR CONTROL DATA		
14	SEDD		101	48	SERVICE ENABLING DEVICE DESCRIPTION		
	SEDD_DEV		101	15	SERVICE ENABLING DEVICE UNIT TYPE		
	SEDD_MFR		116	20	SERVICE ENABLING DEVICE MANUFACTURER		
	SEDD_MOD		136	8	SERVICE ENABLING DEVICE MODEL		
	SEDD_REL		144	2	SERVICE ENABLING DEVICE RELEASE		
	SEDD_VER		146	3	SERVICE ENABLING DEVICE VERSION		
15	CARD_NAME		149	30	NAME ON CALLING CARD		
16	ACC		179	25	ACCESS DESCRIPTION		
17	ACC_CLIN		204	7	ACCESS CLIN		

Appendix G. Service Location Record

RECORD TYPE: F
RECORD ID: 44A, 44B
DATA AREA LENGTH: 554
NUMBER OF FIELDS: 37

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME	**STRT**	**LTH**	**FIELD DESCRIPTION**			
1	REC_TYP	1	1	BATCH INPUT RECORD TYPE			
2	REC_ID	2	3	BATCH INPUT RECORD ID			
	REC_CODE	2	2	BATCH INPUT RECORD CODE			
	REC_EXT	4	1	BATCH INPUT REC. EXT CODE			
3	REC_MODE	5	1	BATCH INPUT RECORD MODE			
4	ICSC	6	4	IC SERVICE CENTER			
	AP_CODE	6	2	TWO CHARACTER PROVIDER ID (CONTRACTOR NAME)			
	OFF_CODE	8	2	OFFICE CODE			
5	CCNA	10	3	CUSTOMER CARRIER NAME ABBREVIATION			
6	ASR	13	10	ACCESS REQUEST NUMBER			
7	ASR1	23	8	ADD'L ASR ORDER NO. FIELD			
8	PON	31	16	PURCHASE ORDER NUMBER (ASRN)			
9	REQTYP	47	2	REQUISITION TYPE			
10	ACT	49	1	ACTIVITY TYPE			
11	VER	50	2	CUSTOMER ASR VERSION			
12	REFNUM	52	4	REFERENCE NUMBER			
13	***	56	45	RESERVED FOR CONTROL DATA			
14	PI	101	1	PRIMARY LOCATION INDICATOR			
15	EUNAME	102	25	END USER NAME			
16	SERVICE ADDRESS	127	180	SERVICE ADDRESS DETAILS (ASSOCIATED WITH EUSA PRILOC)			
17	AFT	127	1	ADDRESS FORMAT TYPE			
18	ADDRESS1						
	SAPR	128	6	ADDRESS NUMBER PREFIX			
	SANO	134	10	ADDRESS NUMBER			
	SASF	144	4	ADDRESS NUMBER SUFFIX			
	SASD	148	2	STREET DIRECTIONAL PREFIX			
	SASN	150	60	STREET NAME			
	SATH	210	7	STREET TYPE			
	SASS	217	2	STREET DIRECTIONAL SUFFIX			
19	ADDRESS2						
	LD1	219	4	LOCATION DESIGNATOR #1			
	LV1	223	10	LOCATION VALUE #1			
	LD2	233	4	LOCATION DESIGNATOR #2			
	LV2	237	10	LOCATION VALUE #2			
	LD3	247	4	LOCATION DESIGNATOR #3			
	LV3	251	10	LOCATION VALUE #3			
20	CITY	261	32	CITY			
21	STATE	293	2	STATE/PROVINCE			
22	ZIP	295	12	ZIP/POSTAL CODE			
23	AAI	307	60	ADDITIONAL ADDRESS INFORMATION (COUNTRY)			

Key: Not used		Combined		Optional		Mapped for Networx	
	NAME		**STRT**	**LTH**	**FIELD DESCRIPTION**		
24	REN		367	4	RINGER EQUIVALENCE NUMBER		
25	JK CODE		371	5	JACK CODE		
26	JK NUM		376	2	JACK NUMBER		
27	JK POS		378	2	JACK POSITION		
28	JS		380	1	JACK STATUS		
29	SMJK		381	1	SMART JACK		
30	PCA		382	5	PROTECTIVE CONNECTING ARRANGEMENT		
31	SI		387	1	SECONDARY POINT OF TERMINATION INDICATOR		
32	SPOT		388	11	SECONDARY LOCATION POINT OF TERMINATION (NETWORX INVENTORY CODE(S) - SECONDARY [TERMINATING] LOCATION)		
33	LCON		399	15	LOCAL CONTACT		
34	ACTEL		414	14	ACCESS TELEPHONE NUMBER		
	ACTEL_AREA		414	3	ACCESS TN AREA CODE		
	ACTEL_EXCH		417	3	ACCESS TN EXCHANGE		
	ACTEL_NUM		420	4	ACCESS TN LINE NUMBER		
	ACTEL_EXT		424	4	ACCESS TN EXTENSION		
35	AACTEL		428	14	ALT ACCESS TELEPHONE NUMBER		
	AACTEL_AREA		428	3	ALT ACCESS TN AREA CODE		
	AACTEL_EXCH		431	3	ALT ACCESS TN EXCHANGE		
	AACTEL_NUM		434	4	ALT ACCESS TN LINE NUMBER		
	AACTEL_EXT		438	4	ALT ACCESS TN EXTENSION		
36	ACPGN		442	12	ACCESS PAGER NUMBER		
37	ACPPN		454	8	ACCESS PAGER PIN NUMBER		
38	ACC		462	45	ACCESS INFORMATION		
39	WKTEL		507	10	WORKING TELEPHONE NUMBER		
	WKTEL_AREA		507	3	WORKING TN AREA CODE		
	WKTEL_EXCH		510	3	WORKING TN EXCHANGE		
	WKTEL_NUM		513	4	WORKING TN LINE NUMBER		
40	ICOL		517	8	ICO LOCATION		
41	NCON		525	1	NEW CONSTRUCTION		
42	ALCON		526	15	ALTERNATE LOCAL CONTACT		
43	ALCON_TEL		541	14	ALTERNATE LOCAL CONTACT TN		
	ALCON_TEL_AREA		541	3	ALTERNATE LOCAL CONTACT TELEPHONE NUMBER AREA CODE		
	ALCON_TEL_EXCH		544	3	ALTERNATE LOCAL CONTACT TN EXCHANGE		
	ALCON_TEL_NUM		547	4	ALTERNATE LOCAL CONTACT TN LINE NUMBER		
	ALCON_TEL_EXT		551	4	ALTERNATE LOCAL CONTACT TN EXTENSION		
44	LCON_EMAIL		102	60	LOCAL GOVERNMENT CONTACT EMAIL		
45	JURIS		162	6	JURISDICTION CODE		
46	LREMARKS		168	180	LOCATION RELATED ADDITIONAL INFORMATION		
47	SWC		348	8	SERVING WIRE CENTER		