

6. - TESTING

One of the more critical elements of negotiating the AT&T and Local Service Provider Joint Implementation Agreement (JIA) will be defining test cases. These test cases focus on the data exchange between partners and fall into three primary categories:

1. Communications - making sure that messages may be successfully passed between participants
2. Data - making sure that the EDI record data elements are mapped and translated according to JIA specifications.
3. Business - making sure that the EDI records accurately reflect the intent and that all business cases are proven (e.g., ability to CREATE, MODIFY, CONFIRM, COMPLETE and ACKNOWLEDGE).

Before JIA testing begins, the trading partners shall perform full unit testing of all communications and business applications.

7. FUTURE NEGOTIATIONS

Security, Performance, and Disaster Recovery will be supplied in the Joint Implementation Agreement



Total Services Resale (TSR)

ORDERING AND PROVISIONING

LOCAL SERVICE REQUEST FIELD DIRECTORY

10A. Total Service Resale

10B. Unbundled Network Elements



Total Services Resale (TSR)

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10. LOCAL SERVICE REQUEST FIELD DIRECTORY

PURPOSE AND SCOPE

The information core contained in this section is based upon public knowledge obtained through industry participation at the Alliance for Telecommunications Solutions (ATIS) Ordering & Billing Forum (OBF) Ordering & Provisioning (O&P) Committee sessions addressing Competitive Local Exchange Company (CLEC) issues.

This section is intended to provide AT&T potential Trading Partners with a data catalog of the proposed fields (data elements) and any preliminary information for proposed Electronic Data Interchange (EDI) Transactions (Elements & Segments) based upon industry information available to date. Most of these fields are supported in the OBF Local Service Ordering Guideline (LSOG) practices. OBF proposed practice\form fields (data elements) are actively being reviewed by the OBF and their ATIS counterparts in the Telecommunications Industry Forum (TCIF) EDI Committees for appropriate definition of new EDI Guidelines to support these data elements.

This document will be updated as required after
each OBF or TCIF meeting.

This document is in no way intended to represent or replace the ATIS OBF Industry Support Interface (ISI) Local Service Ordering Guidelines nor the ATIS TCIF EDI Guidelines.

Each of these proposed ordering practice data elements are associated to the paper **Forms** explained within prior sections of this document. AT&T would prefer to avoid manual ordering processes whenever and where ever possible. The format of the proposed draft form is not required for internal AT&T user interface screens; nor would AT&T expect their trading partners to limit a mechanized user interface screen>window to a proposed form's image.

In additions to the OBF LSOG forms and fields, AT&T proposes minor changes to the OBF Access Service Ordering Guidelines (ASOG) required to further support local



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market entry. The OBF Issue which has been initiated by AT&T and will now be worked by the industry is included and will acquaint AT&T potential trading partners with the desired ASOG practices changes proposed. Until industry closure on these proposed changes, AT&T will individually negotiate with each potential supplier to determine the best interim method to support those ordering needs.

CRITICAL LOCAL SERVICE ORDERING COMPONENTS NOT YET DEFINED

The following ordering documents are under development, but have not reached a stage where we are comfortable in presenting the actual data elements which have been defined. These items may have to be addressed through Negotiations activities until tentative industry agreements begin to evolve the appropriate guidelines.

1. Pre Service Ordering

Not currently being addressed by the appropriate forums for InterCompany support of pre-order mechanized interface specifications.

2. Additional Forward Feed requirements:

Ongoing OBF O&P sessions continue to define:

- ◆ Directory Listings
- ◆ Directory Advertising

3. Additional Return Feed requirements

Ongoing OBF O&P sessions continue to define:

- ◆ Resale Confirmation(s)
- ◆ Completion Notification(s)
- ◆ Error Notifications
- ◆ Jeopardy Notifications

DATA ELEMENT USAGE RULE DECODING



Total Services Resale (TSR)

Each data element in the following pages will carry an industry agreed upon "usage rule".

Example:

USAGE: This field is conditional.

Following the usage rule, there is a data strip providing the usage per activity type for that data element. Example:

(Activity Type)	N	D	M	T	C	R	V
(Usage Application)	C	P	C	C	O	O	C

Any usage rule statement of "conditional" must be explained in the Notes immediately following the usage strip. Example of typical notes following the above strip are:

NOTE 1: Required for "N" , "M", "T" or "V" activity when REQTYP is "E".

NOTE 2: Prohibited for "D" activity.

NOTE 3: Otherwise optional.

**Total Services Resale (TSR)****Abbreviation Tables**

Activity Types		
Code	Meaning	Definition
N	New Connect	Order for new service
D	Disconnect	Order to disconnect existing service
M	Inside Move	Order to move DEMARC point within the same location
T	Outside Move	Order to relocate service to a new address
C	Change	Order to change existing service (add, delete, or change existing features or functions)
R	Records Only	Order to change records only (e.g., contact name)
V	Migration and/or Full Conversion	Order to move the end user account and service from the incumbent LSP to the ordering LSP

Usage Rules		
Code	Meaning	Definition
R	Required	Field will be required for all service requests
O	Optional	Field will be accepted but is not required.
P	Prohibited	Field cannot be used
C	Conditional	Field may be required for specific Activity Types and/or specific Service Types. Conditions must be explained in the Notes following the usage strip.



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Request Types		
Code	Meaning	Definition
A	Loop Service Only	
B	Loop Service with Interim Number Portability	
C	Interim Number Portability	
D	Retail/Unbundled	
E	Resale	
F	Port Service Only	
G	Directory Assistance (practice/form fields under development)	
H	Directory Listings White (practice/form fields under development)	
J	Directory Listings Yellow (practice/form fields under development)	



Total Services Resale (TSR)

ORGANIZATION AND STRUCTURE

Section A presents an alphabetical listing of those fields found within the OBF's LSR documentation that is of interest to the Total Services Resale and Unbundled Network Element ordering processes. For each included field, the following information is provided:

Field Name: Identifies the field name as it appears in the OBF documentation (see exceptions outlined in section 1.4 below)

Definition: A brief definition of what the field contains

Cross Reference: Identifies where the field occurs within the OBF forms

Characteristics: Provides field length and data characteristics

Valid Entries: Identifies any specific valid entries or valid entry rules

Usage Rules: Identifies a field as being Required (will always appear), Optional (may appear), Prohibited (will never appear) or Conditional (appearance based on absence or presence of data in other fields).

Comments: Relevant information about the field that is not readily apparent in the OBF documentation



Total Services Resale (TSR)

LSR DATA VIEW

This section of the Supported Implementation Guide looks at the problem domain with a focus on data elements that will be contained within an LSR file. The primary objective for this focus on data is to define one and only one instance for each and every field. Analysis of the existing OBF documentation has shown that there are situations where multiple fields with the same field name have different uses. These fields, therefore, could appear many times within a single LSR with each instance containing different data. Within this document, these fields will be prefixed by an identifier that makes them unique, such as "STREET (END USER)" for the instance of "STREET" associated with the End User's location.

There are also fields that appear on multiple OBF forms that carry the same field name and will contain the same information. Logically, these fields have one and only one instance within an LSR and are identified herein only once.



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10.A LSR DATA FIELDS

10.A.1 ACC

Field Name: Access Information

Definition: Indicates the access instructions for the end user location

Cross Reference: End User Information Form, Location and Access Section,
Field #16

Characteristics: 115 Alpha/numeric Characters

Valid Entries: Text field

Usage Rules: Optional

10.A.2 ACNA

Field Name: Access Customer Name Abbreviation

Definition: Identifies the COMMON LANGUAGE code of the customer to
which the bill is to be rendered.

Cross Reference: LSR Bill Section, Field #47

Characteristics: 3 Alpha characters

Valid Entries: "ATX"

Usage Rules: This field is required



Total Services Resale (TSR)

10.A.3 ACT

Field Name: Activity

Definition: Identifies the activity involved in this service request.

Cross Reference: LSR Form, Administrative Section, Field #14

Characteristics: 1 Alpha

Valid Entries: N = New Installation

C = Change or modification to an existing service

D = Disconnection

M = Inside move of the physical termination within a building

T = Outside move of end-user location

R = Record activity is for ordering administrative changes.

V = Conversion of service to new LSP

A = Conversion as-is

S = Suspend

B = Restore

Usage Rules: This field is required



Total Services Resale (TSR)

10.A.4 ACTL

Field Name: Access Customer Terminal Location

Definition: Identifies the previously assigned CLLI code of the customer facility terminal location or designated collocation area.

Cross Reference: LSR Form, Administrative Section, Field #26

Characteristics: 11 Alpha/numeric Characters

Valid Entries: Valid CLLI code

Usage Rules: Prohibited when REQTYP(1) is "D", "E", "G", "H" & "J"

Comments: Not included on LSRs for TSR

10.A.5 AENG

Field Name: Additional Engineering Authorization

Definition: Indicates that if additional engineering is required, an estimate of the charges is to be forwarded to the initiator of the request.

Cross Reference: LSR Administrative Section, Field #20

Characteristics: 1 Alpha character

Valid Entries: Y = Engineering Requested

Usage Rules: Optional



Total Services Resale (TSR)

10.A.6 AFO

Field Name: Additional Forms

Definition: Identifies which additional forms are being submitted with this request.

Character Position 1 = End User

Character Position 2 = Directory Assistance

Character Position 3 = Directory Listings White

Character Position 4 = Directory Listings Yellow

Character Position 5 = Reserved for Future Use

Cross Reference: LSR Administrative Section, Field #17

Characteristics: 5 Alpha characters (1 reserved for future use).

Valid Entries: "Y" in position 1 - 4 = Applicable form is present

Usage Rules: Required when the associated request form(s) is applicable and sent, otherwise prohibited.



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10.A.7 AGAUTH

Field Name: Agency Authorization Status

Definition: Indicates that the customer is acting as an end user's agent and has authorization on file

Cross Reference: LSR Administrative Section, Field #23

Characteristics: Required when the customer is acting as an end user agent, otherwise optional

Valid Entries: Y = Authorization on file

Usage Rules: This field is conditional



Total Services Resale (TSR)

10.A.8 AI

Field Name: Additional Point of Termination Indicator

Definition: Identifies whether the APOT field contains a CLLI code or a narrative

Cross Reference: LSR Administrative Section, Field #27

Characteristics: 1 Alpha character.

Valid Entries: C = CLLI code
N = Narrative

Usage Rules: Required when the ACTL field is populated, otherwise prohibited

Comments: Field will not be provided on LSRs for TSR.

10.A.9 ALBR

Field Name: Additional Labor Authorization

Definition: Indicates that additional labor is requested and charges will be accepted in conjunction with this Service Request, (e.g. Sunday or out of normal business hour installation is being requested).

Cross Reference: LSR Administrative Section, Field #21

Characteristics: 1 alpha character

Valid Entries: Y = Additional Labor is authorized

Usage Rules: This field is optional



Total Services Resale (TSR)

10.A.10 ALT IMPCON

Field Name: Alternate Implementation Contact

Definition: Identifies the customer's alternate representative or office responsible for control of installation and completion

NOTE: See notes for IMPCON field (76)

Cross Reference: LSR Contact Section, Field #75

Characteristics: 15 Alpha/numeric characters

Valid Entries:

Usage Rules: This field is optional



Total Services Resale (TSR)

10.A.11 APOT

Field Name: Additional Point of Termination

Definition: Further identifies the physical ACTL Point of Termination

Cross Reference: LSR Administrative Section, Field #28

Characteristics: 11 Alpha/numeric characters

Valid Entries: This field may be a CLLI code or any other format to identify a termination location within an ACTL. For example, the customer may preassign cross-connect information for its service-to-service order coordination

Usage Rules: Required when the ACTL field does not identify the specific physical termination point of the service, otherwise optional.

Comments: This field will not be provided on LSRs for TSR.



Total Services Resale (TSR)

10.A.12 ATTACHED FORM (DATA BASE ENTRY)

Field Name: Data Base Entry Form Indicator

Definition: Indicates that an LSR Data Base form is attached

Cross Reference: End User Information, Per Customer Element Section

Characteristics: 1 Alpha character

Valid Entries: Y / N

Usage Rules: Optional when Data Base Entry is populated with a "Y", otherwise prohibited

Comments: TCIF EDI mapping for this element is pending.
LSR Data Base form has yet to be defined by the OBF.



Total Services Resale (TSR)

10.A.13 ATTACHED FORM (DIRECTORY INFORMATION)

Field Name: Directory Services Request Form Indicator

Definition: Indicates that an LSR Directory Services Request Form is attached

Cross Reference: End User Information, Per Customer Element Section

Characteristics: 1 Alpha character

Valid Entries: Y / N

Usage Rules: Optional when Directory Information is populated with a "Y", otherwise prohibited

Comments: TCIF EDI mapping for this element is pending.
LSR Directory Services Request form has yet to be finalized by the OBF.