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January 16, 2008

Dana Shaffer
Chief
Wireline Competition Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: ATIS OBF Simple Port Service Request Preparation Guide
WC Docket No. 07-244

Dear Ms. Shaffer:

On behalf of the Alliance for Telecommunications Industry Solutions' (ATIS) Ordering and Billing Forum (OBF), attached herewith is the Simple Port Service Request Preparation Guide (ATIS- 0405085-0801), which was developed in response to the recent changes to the porting process adopted by the Commission in its November 8, 2007, *Declaratory Ruling*.¹ The document describes the data entries for a Simple Port Service Request (SPSR) and has been approved for use in wireline-to-wireline porting.

The Simple Port Service Request Preparation Guide, which will be made available to the industry on a complimentary basis, includes a description of the four (4) fields that have been identified by the Commission for the validation of a simple port.² The document also describes fields that have been identified and agreed to by OBF members as necessary to accomplish wireline-to-wireline simple ports from a provisioning perspective. These fields include:

- CCNA (Customer Carrier Name Abbreviation) – identifies the Interexchange Access Carrier (IAC) code for the customer initiating the request (valid IAC Codes are outlined in Telcordia Technologies document BR 751-100-112).

¹ See *In re Telephone Number Requirements for IP-Enabled Services Providers; Local Number Portability Porting Interval and Validation Requirements; IP-Enabled Services; Telephone Number Portability; CTIA Petition for Declaratory Ruling on Wireline-Wireless Porting Issues; Final Regulatory Flexibility Analysis; Numbering Resource Optimization, Report and Order, Declaratory Ruling, Order on Remand and Notice of Proposed Rulemaking*, WC Docket Nos. 07-243, 07-244, 04-36, CC Docket Nos. 95-116, 99-200, FCC 07-188, (rel. Nov. 8, 2007).

² *Id* at ¶2.

- PON (Purchase Order Number) – identifies the customer’s unique purchase order or requisition number that authorizes the issuance of the request or supplement to the request.
- VER (Version Identification) – identifies the customer’s version number. The VER entry is required on a supplement to the initial request.
- SPDDD/T (Simple Port Desired Due Date and Time) – identifies the customer’s desired due date and time.
- SPREQTYP (Simple Port Requisition Type) – identifies that a Simple Port Service Request is being requested (the SPREQTYP data will be derived based on the NNSP field entry).
- SPSUP (Simple Port Supplement Type) – A Simple Port Service Request supplement is any new iteration of a Simple Port Service Request. The entry in the SPSUP field identifies the reason the supplement is being issued. Valid Entries are: 1- Cancel Request; 2- New Desired Due Date/Time; or 3- Other (any other change to the simple port service request). ELT, SPDDD/T, TEL NO and VER are the only fields that may be changed with a “3” in the SPSUP field.
- NNSP (New Network Service Provider Identification) – identifies the Number Portability Administration Center (NPAC) Service Provider Identifier (SPI) of the new Network Service Provider.
- TEL NO (Telephone Number) – identifies the telephone number of the initiator of the request.
- ELT (End User Listing Treatment) – identifies the directory listing changes desired by the end user when changing local service providers. Valid Entries are: A- Retain End User listings “as is” in both directory and directory assistance; or “B” - Do not retain end user listings. The appropriate ELT value will be derived based on the NNSP field entry. If the NNSP is equal to a wire line service provider, the ELT value will be defaulted to a value of “A.” If the NNSP is equal to a wireless service provider, the ELT value will be defaulted to a value of “B.”
- CC (Company Code) – identifies the Exchange Carrier initiating the transaction. This code is utilized to identify the company initiating the transaction at a state level (valid Company Codes are available from NECA).

As you are aware, ATIS is a technical planning and standards development organization that rapidly develops and promotes technical and operational standards for communications and information technologies. The ATIS OBF is an open telecommunications industry forum that identifies, discusses and resolves national issues affecting the ordering, billing, provisioning and exchange of information about access services, connectivity and related matters.

The ATIS OBF develops voluntary industry guidelines pertaining to wireline-to-wireline, wireless-to-wireless and intermodal porting using ATIS’ open, equitable and consensus-based processes. These guidelines include the ATIS: Local Service Migration Guidelines (LSMG), which establish general business rules and procedures governing the migration of end users between local service

providers (LSPs) to ensure that end users can migrate their local service from one LSP to another; Local Service Ordering Guidelines (LSOG), which contain ordering forms and descriptions of valid data entries that are required for the ordering, billing, and provisioning of local telecommunications service; and Wireless Intercarrier Communications Interface Specification (WICIS), which provides guidance for wireless-to-wireless migrations.

The ATIS OBF takes very seriously its role in promulgating industry guidelines and the need to ensure that these guidelines satisfy industry needs and promote compliance with Commission regulations. Since the adoption of the *Declaratory Ruling*, the OBF's Local Service Ordering and Provisioning (LSOP) Committee has held numerous meetings to discuss new processes and necessary modifications to existing processes to address the new porting rules. The new Simple Port Service Request Preparation Guide is one product of this hard work.

It should be noted that other OBF subcommittees are working to develop or revise processes and documents to address the new porting rules. The OBF Wireless Committee and Intermodal Subcommittee have completed a substantial amount of work to address issues stemming from the Commission's new porting rules related to wireless-to-wireless simple ports and intermodal simple ports.

A copy of this correspondence has been filed electronically in the above-referenced docket.

If you have any questions regarding this matter, please do not hesitate to contact the undersigned.

Sincerely,



Thomas Goode
ATIS General Counsel

cc

Thomas M. Koutsky, Chairman, North American Numbering Council (NANC)
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ATTACHMENT



ATIS STANDARD

ATIS-0405085-0801

**Simple Port Service Request (SPSR) Preparation
Guide**

Local Service Ordering Guidelines Industry Support
Interface



ATIS is a technical planning and standards development organization that is committed to rapidly developing and promoting technical and operations standards for the communications and related information technologies industry worldwide using a pragmatic, flexible and open approach. Over 1,100 participants from more than 350 communications companies are active in ATIS' 23 industry committees, and its Incubator Solutions Program. www.atis.org

ATIS – 0405085-0801

Local Service Request (LSR) Preparation Guide

Is an ATIS standard developed by the Local Service Ordering and Provisioning (LSOP) Committee under the ATIS Ordering and Billing Forum (OBF)

Published by

ATIS

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Washington, DC 20005**

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SIMPLE PORT SERVICE REQUEST (SPSR)
PREPARATION GUIDE

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1. GENERAL SECTION

- 1.1 This practice describes the necessary data entries for a Simple Port Service Request (SPSR). The SPSR is a stand alone request and is not associated with the Local Service Request (LSR) Form, End User Information (EU) Form or Number Portability (NP) Form.
- 1.2 The Simple Port Service Request does not convey licensing rights to non-COMMON LANGUAGE® licensees to use the COMMON LANGUAGE code sets identified throughout the Simple Port Service Request in their internal operations. Where COMMON LANGUAGE is provided, its intended use by non-COMMON LANGUAGE licensees is limited. Allowable uses will be specified by the COMMON LANGUAGE licensee per their COMMON LANGUAGE contract.
- 1.3 Options described in this practice may not be applicable to individual provider's tariffs/practices; therefore, use of either the field or valid entries within the field is based on the provider's tariffs/practices.
- 1.4 Use of certain other non-tariffed items/administrative type data, such as metric date formats, certain date fields, etc. are based on customer/provider negotiations; therefore, use of either the field or valid entries within the field is based on customer/provider negotiations.
- 1.5 This practice has been developed as a result of FCC Order 07-188. In this Order, the FCC concluded that Local Number Portability (LNP) validation should be based on no more than four fields for simple ports and that those fields should be: ten-digit telephone number, customer account number, five-digit zip code, and passcode (if applicable). See section 6 for a definition of a simple port.

1.6 The following assumptions have been utilized as the basis for the development of this practice:

- Certain necessary provisioning data will be derived for Electronic Data Interchange (EDI) and Extensible Markup Language (XML) transactions based on the New Network Service Provider identification (NNSP) with the understanding that wireline and wireless service providers have unique NNSP codes. The specific fields identified at this time are:
 - End User Listing Treatment (ELT)
 - If NNSP is equal to a wireline service provider, the ELT value will be defaulted to 'A' (retain end user listings 'as is' in both directory and/or directory assistance).
 - If NNSP is equal to a wireless service provider, the ELT value will be defaulted to 'B' (do not retain end user listings).
 - Simple Port Request Type (SPREQTYP)
- Certain necessary provisioning data will be obtained for Graphical User Interface (GUI) transactions based on the initiator's customer profile data.
- This is an interim document for this practice which will be supported in EDI, XML and GUI format. This information will be integrated into the 3Q08 LSOG Documentation which will be supported in XML format only. This practice does not support manual ordering forms.
- Assumptions associated with supplemental order processing and local responses are documented in those specific sections of this practice.

2. SPSR USAGE DEFINITIONS

2.1 The Simple Port Service Request practice incorporates the following requirements for the population of data elements.

- Required - is defined as the field must be populated for provisioning purposes.
- Optional - is defined as the field may or may not be populated. Optional fields may be required by individual providers.
- Conditional - is defined as the field is dependent upon the relationship to another entry as specified in the usage statement and is dependent upon the presence, absence or combination of other data entries. Conditional fields may be required by individual providers.
- Validated - is defined as the field, when populated, will be utilized to verify end user account identification as mandated in FCC Order 07-188.

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3. SIMPLE PORT SERVICE REQUEST DATA ELEMENTS

1. CCNA - Customer Carrier Name Abbreviation

Identifies the COMMON LANGUAGE IAC code for the customer.

NOTE 1: The format and structure of this field is defined by ANSI in document T1.251, Identification of Telecommunications Service Provider Codes for the North American Telecommunications System.

NOTE 2: For an occasional customer who has not and probably will not obtain a CCNA, enter 'CUS' in this field

VALID ENTRIES:

IAC code

NOTE 1: Valid IAC codes are outlined within Telcordia Technologies document BR 751-100-112.

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 3 alpha characters

EXAMPLE:

Z	Y	X
---	---	---

2. PON - Purchase Order Number

Identifies the customer's unique purchase order or requisition number that authorizes the issuance of this request or supplement.

NOTE 1: The purchase order number may be reused after two years from the due date of the original request

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 16 alphanumeric characters

EXAMPLE:

8	2	4	Z	9											
---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--

3. VER - Version Identification

Identifies the customer's version number.

NOTE 1: Any reissuance must use this field to uniquely identify the local service request from any other version.

NOTE 2: Special characters are prohibited.

USAGE: This field is conditional.

NOTE 1: For simple port service request provisioning purposes, required when the SPSUP field is populated, otherwise prohibited.

DATA CHARACTERISTICS: 2 alphanumeric characters

EXAMPLES:

A	A
---	---

A	1
---	---

8	
---	--

4. SPAN – Simple Port Account Number

Identifies the end user’s account number assigned by the Old Local Service Provider associated with a simple port request.

USAGE: This field is optional and, if populated, may be validated for simple port service requests as mandated in FCC Order 07-188.

DATA CHARACTERISTICS: 20 alphanumeric characters

EXAMPLES:

A	B	C	D	1	2	3													
---	---	---	---	---	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--

5. SPDDD/T – Simple Port Desired Due Date and Time

Identifies the customer's desired due date and time.

VALID ENTRIES:

U.S. Standard

Two digit month (01-12)

Two digit day (01-31)

Two digit century (00-99)

Two digit year (00-99)

Two digit hour (01-12 or 00-24)

Two digit minute (00-59)

AM or PM

Metric Format

Two digit century (00-99)

Two digit year (00-99)

Two digit month (01-12)

Two digit day (01-31)

Two digit hour (01-12 or 00-24)

Two digit minute (00-59)

AM or PM

NOTE 1: When a two digit hour of 00-24 (Military Time) is used, AM and PM are prohibited.

NOTE 2: Use of time (hour, minute, AM, PM) is based on customer/provider negotiations.

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 14 alphanumeric characters

EXAMPLES: | 0 | 5 | - | 2 | 2 | - | 1 | 9 | 9 | 6 | - | 1 | 1 | 1 | 5 | A | M |

| 1 | 9 | 9 | 6 | - | 0 | 5 | - | 2 | 2 | - | 1 | 1 | 1 | 5 | A | M |

6. SPREQTYP – Simple Port Requisition Type

Identifies that a Simple Port Service Request is being requested.

VALID ENTRY:

1 = Simple Port Service Request

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 1 numeric character

EXAMPLE:

1

7. SPSUP – Simple Port Supplement Type

A Simple Port Service Request supplement is any new iteration of a Simple Port Service Request. The entry in the SPSUP field identifies the reason the supplement is being issued.

VALID ENTRIES:

- 1 = Cancel
- 2 = New desired due date/time
- 3 = Other

1 = Cancel - Indicates that the pending simple port service request is to be canceled in its entirety.

NOTE 1: If the pending simple port service request was already completed as ordered, a separate request must be sent instead of the supplement.

2 = New desired due date/time - Indicates that the pending service request requires only a change of simple port desired due date/time.

NOTE 1: A request for a change in desired due date/time in conjunction with other changes to a pending simple port service request should be submitted with a '3' in the SUP field.

NOTE 2: The new date is specified in the SPDDD/T field.

7. SPSUP – Simple Port Supplement Type (continued)

VALID ENTRIES (continued):

3 = Other - Any other change to the simple port service request.

NOTE 1: This may affect the previously agreed upon due date/time.

NOTE 2: A request for a change in desired due date/time in conjunction with other changes to a pending simple port service request should be submitted with a '3' in the SPSUP field.

NOTE 3: ELT, SPDDD/T, TEL NO, VER are the only fields that may be changed with a '3' in the SPSUP field.

USAGE: Optional for simple port service request provisioning purposes.

NOTE 1: Prohibited on initial requests.

DATA CHARACTERISTICS: 1 numeric character

EXAMPLE:

3

8. NNSP - New Network Service Provider Identification

Identifies the Number Portability Administration Center (NPAC) Service Provider Identifier (SPI) of the new Network Service Provider (NSP).

NOTE 1: The format and structure of this field is defined by ANSI in document T1.251, Identification of Telecommunications Service Provider Codes for the North American Telecommunications System.

VALID ENTRIES:

- **COMMON LANGUAGE Exchange Carrier Codes** – A four alpha character code, which identifies providers in North America, maintained by Telcordia Technologies.
- **COMMON LANGUAGE Company Codes-Telcordia and Regional Holding Companies** – A two alpha character code, which identifies the former Bell companies, maintained by Telcordia Technologies.
- **Operating Company Identifiers** – A four alphanumeric character code, which identifies providers in the United States and certain U.S. territories, maintained by NECA.

NOTE 1: Valid Exchange Carrier Codes and Company Codes are outlined in Telcordia Technologies document BR 751-100-112.

NOTE 2: Valid Operating Company Identifiers are available from NECA.

NOTE 3: When the new LSP and the new NSP are the same company and the CC entry is the same as the SPI, this field may be not populated.

USAGE: This field is required for simple port service request provisioning purposes.

**8. NNSP - New Network Service Provider Identification
(continued)**

DATA CHARACTERISTICS: 4 alphanumeric characters

EXAMPLE:

5	8	A	0
---	---	---	---

9. SPPWD/PIN – Simple Port Password/PIN

Identifies the end user’s password or pin number specified on the account by the Old Local Service Provider.

NOTE 1: This field may be used when the end user’s account has been password/PIN protected.

USAGE: This field is optional and, if populated, may be validated for simple port service requests as mandated in FCC Order 07-188.

DATA CHARACTERISTICS: 15 alphanumeric characters

EXAMPLE:

1	2	A	3											
---	---	---	---	--	--	--	--	--	--	--	--	--	--	--

10. TEL NO - Telephone Number

Identifies the telephone number.

NOTE 1: This appearance of TEL NO is for the initiator.

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 14 numeric characters

EXAMPLE:

2	0	1	-	9	8	1	-	3	5	0	0	-	2	2	6	2
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

11. SPZIP – Simple Port ZIP Code

Identifies the Simple Port Service Request ZIP code associated with the end user service address.

USAGE: This field is optional and, if populated, may be validated for simple port service requests as mandated in FCC Order 07-188.

DATA CHARACTERISTICS: 5 numeric characters

EXAMPLES:

0	7	0	3	9
---	---	---	---	---

12. ELT – End User Listing Treatment

Identifies the listing changes desired by the end user when changing local service providers.

VALID ENTRIES:

- A = Retain end user listings ‘as is’ in both directory and/or directory assistance
- B = Do not retain end user listings
- C = Change end user listings

NOTE 1: ‘C’ is not a valid entry for this practice.

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 1 alpha character

EXAMPLE:

A

13. SPP TN – Simple Port Ported Telephone Number

Identifies the telephone number to be ported on a simple port service request.

USAGE: This field is required and validated for simple port service requests as mandated in FCC Order 07-188.

DATA CHARACTERISTICS: 10 numeric characters

EXAMPLE:

2	0	1
---	---	---

 -

9	8	1
---	---	---

 -

3	5	0	0
---	---	---	---

14. CC - Company Code

Identifies the exchange carrier initiating the transaction.

NOTE 1: The format and structure of this field is defined by ANSI in document T1.251, Identification of Telecommunications Service Provider Codes for the North American Telecommunications System.

VALID ENTRIES:

- **COMMON LANGUAGE EC Code** – A four alpha character code, which identifies providers in North America, maintained by Telcordia Technologies.
- **COMMON LANGUAGE EC Code** – A two alpha character code, which identifies the former Bell companies maintained by Telcordia Technologies.
- **Company Code** – A four alphanumeric character code, which identifies providers in the United States and certain U.S. territories, maintained by NECA.

NOTE 1: Valid EC codes are outlined in Telcordia Technologies document BR 751-100-112.

NOTE 2: Valid Company Codes are available from NECA.

USAGE: This field is required for simple port service request provisioning purposes.

DATA CHARACTERISTICS: 4 alphanumeric characters

EXAMPLE:

1	2	A	3
---	---	---	---

3.1 ALPHANUMERIC GLOSSARY

The following table is an alphanumeric cross-reference glossary of the Simple Port Service Request fields.

SIMPLE PORT SERVICE REQUEST (SPSR) FIELDS

Field Abbreviation	Field #	Field Name
CC	14	Company Code
CCNA	1	Customer Carrier Name Abbreviation
ELT	12	End User Listing Treatment
NNSP	8	New Network Service Provider
PON	2	Purchase Order Number
SPAN	4	Simple Port Account Number
SPDDD/T	5	Simple Port Desired Due Date/Time
SPP TN	13	Simple Port Ported Telephone Number
SPPWD/PIN	9	Simple Port Password/PIN
SPREQTYP	6	Simple Port Requisition Type
SPSUP	7	Simple Port Supplemental Type
SPZIP	11	Simple Port ZIP Code
TEL NO	10	Telephone Number (Initiator)
VER	3	Version

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4. SIMPLE PORT SUPPLEMENT TYPE (SPSUP) ENTRIES

A SPSR supplement is any new iteration of a SPSR. When submitting a supplement, a 'full refresh' of the original SPSR is required.

- 'Full refresh' indicates that all unchanged information on the original request is included on the supplement along with changed information.

The entry in the SPSUP field identifies the reason the supplement is being issued.

- When the SPSUP is populated with '1' (cancel), this indicates the SPSR is being cancelled in its entirety.
- When the SPSUP is populated with '2' (due date/time), the only field that may be changed is Simple Port Desired Due Date and Time (SPDDD/T).
- When the SPSUP is populated with '3' (other), the only fields that may be changed are: ELT, SPDDD/T, TEL NO and VER.
- Changes to any fields, other than those identified in SPSUP '2' and '3' bullets above, require a SPSUP '1' to the original request and the issuance of a new SPSR.

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5. LOCAL RESPONSE

The LSOG 099 practice will continue to be the document that identifies the appropriate entries for the Local Response. No new response document will be developed as a result of this practice.

The new fields developed as a result of this practice will be incorporated in the 3Q08 LSOG release. Those new fields are:

- Simple Port Due Date/Time (SPDD/T)
- Simple Port Ported Telephone Number (SPPTN)

SPP TN – Simple Port Ported Telephone Number

Identifies the telephone number to be ported on a simple port service request.

USAGE: This field is conditional.

NOTE 1: Required when the SPREQTYP field on the SPSR is populated, otherwise prohibited.

DATA CHARACTERISTICS: 10 numeric characters

EXAMPLE:

2	0	1
---	---	---

 -

9	8	1
---	---	---

 -

3	5	0	0
---	---	---	---

SPDD/T – Simple Port Due Date and Time

Identifies the due date and time the simple port service request is due to be completed.

VALID ENTRIES:

U.S. Standard

Two digit month (01-12)

Two digit day (01-31)

Two digit century (00-99)

Two digit year (00-99)

Two digit hour (01-12 or 00-24)

Two digit minute (00-59)
AM or PM

Metric Format

Two digit century (00-99)

Two digit year (00-99)

Two digit month (01-12)

Two digit day (01-31)

Two digit hour (01-12 or 00-24)

Two digit minute (00-59)
AM or PM

NOTE 1: When a two digit hour of 00-24 (Military Time) is used, AM and PM are prohibited.

NOTE 2: Use of time (hour, minute, AM, PM) is based on customer/provider negotiations.

USAGE: This field is conditional.

NOTE 1: Required when the SPDDD/T field on the SPSR is populated, otherwise prohibited.

DATA CHARACTERISTICS: 14 alphanumeric characters

EXAMPLES: |0|5|-|2|2|-|1|9|9|6|-|1|1|1|5|A|M|

|1|9|9|6|-|0|5|-|2|2|-|1|1|1|5|A|M|

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6. DEFINITIONS

The following definitions are used in the Simple Port Service Request process:

Simple Port - those ports that: (1) do not involve unbundled network elements; (2) involve an account only for a single line; (3) do not include complex switch translations (e.g., Centrex, ISDN, AIN services, remote call forwarding, or multiple services on the loop); and (4) do not include a reseller. FCC 07-188 reference: Intermodal Number Portability FNPRM, 18 FCC Rcd at 23715, para. 45 n.112 (citing North American Numbering Council Local Number Portability Administration Working Group Third Report on Wireless Wireline Integration, Sept. 30, 2000, CC Docket No. 95-116 (filed Nov. 29, 2000)).

Provisioning – the setting in place and configuring of the hardware and software required to activate telecommunications service to an end user.

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7. EDI LSOG MECHANIZATION SPECIFICATON (ELMS)

This section of the practice addresses EDI mapping of the data fields identified to complete a SPSR.

Due to the retirement of EDI interface support with LSOG 15, the SPSR mapping will not be incorporated into any other EDI specifications.

7.1 SAMPLE MAPPING MATRIX

SPSR OBF Field	OBF Description	Header /Detail	Qualifying Data Element & Value	EDI Data Element	Comments
Administrative Section					
1. CCNA	Customer Carrier Name Abbreviation	H	N101=78	N102	
2. PON	Purchase Order Number	H		BEG03 BCH03	BEG in 850 BCH in 860
3. VER	Version Identification	H		BEG04 BCH05	BEG in 850 BCH in 860
4. SPAN	Simple Port Account Number	H	REF01=11 REF03=AN	REF02	
5. SPDDD/T	Simple Port Desired Due Date and Time	H	DTM01=150	DTM02 DTM03	The time portion is sent in DTM03 in 24hr, HHMM[SS], format See Table 2 for conversions
6. SPREQTYP	Simple Port Requisition Type	H	SI DE1000=RE	SI DE234	For Simple Port Request this is a one character field. BEG01 value should default to '00'
7. SPSUP	Simple Port Supplement Type	H		BCH01	For 860 transactions only. See Table 1 for conversions
8. NNSP	New Network Service Provider Identification	H	N101=NN N102=NNSP N103=42	N104	
9. SPPWD / PIN	Simple Port Password / PIN	H	SI DE1000=PN	SI DE234	
10. TEL NO	Telephone Number	H	N101=78 PER01=AG PER DE365=TE	PER DE364	
11. SPZIP	Simple Port ZIP Code	H	N101=IT N102=EUNAME	N403	
12. ELT	End User Listing Treatment	H	PID01=X PID03=TI PID04=BP	PID05	
13. SPP TN	Simple Port Ported Telephone Number	D	SI DE1000=IT	SI DE234	
14. CC	Company Code	H	N101=BY N103=25	N104	

7.2 LOCAL SERVICE ORDERING X12 SAMPLES

The following sample identifies the proper sequencing of the detail segments defined for the named transaction. The sample illustrates the proper transaction set and segment location for each data element identified in its corresponding matrix. The order of consecutive like-segments in the same location in the transaction set is not significant and should not be construed as a required sequence for that group of like-segments.

NOTATIONS USED IN SAMPLES

- *Italics* indicate a field that will be replaced with actual data.
- A superscript identifier following the *italicized* field name designates the matrix practice and matrix field number. *Italicized* field names without a superscript represent data required to satisfy X12 syntax.
- The “!” has been used to identify a composite data element separator.
- The following abbreviations are used for the superscript id’s:
 - ¹ superscripted number alone indicates Simple Port Service Request (SPSR)
- Each SI segment is shown with only one DE1000/DE234 pair for ease of identifying each informational element being represented. In actual practice, each SI segment may contain up to ten (10) pairs of DE1000/DE234.
- A parenthesized field name preceding a field qualifies the field name it precedes, e.g., (AGAUTH)DATED designates the DATED field for AGAUTH.
- A number in parentheses following a field name indicates a positional element in the field, e.g., AFO(1) designates the first character in AFO.
- Braces {} contain the format for the field, e.g., DDD{CCYYMMDD} designates a date in CCYYMMDD format-19970825.
- Square brackets indicate an optional part of a format or mapping. For example, e.g., DFDT{HHMM[-HHMM]} designates that DFDT has an optional range format; e.g., PO1*1*1*EA[***A6*SS] designates that use of the PO1 DE235/DE234 pair A6*SS is optional in the mapping.
- Angle brackets indicate that the field is to be converted to an X12 value, e.g., <LD1>. Inline comments are placed between angle brackets and equal signs: <= This is a comment =>

SPSR

This composite shows the relative location of the fields from this practice in the transaction set.

```
ST*850*0001[*ELMS14]
BEG*00*SS*PON2*VER3*TRANSACTION
DATE{CCYYMMDD}
REF*11*SPAN4*AN
DTM*150*SPDDD/T5{CCYYMMDD}*SPDDD/T5{
HHMM}
SI*TI*PN*SPPWD/PIN9
SI*TI*RE*SPREQTYP6
PID*X**TI*BP*ELT12
N1*IT*EUNAME
N4***SPZIP11
N1*78*CCNA1
PER*AG**TE*TEL NO10
N1*BY**25*CC14
N1*NN*NNSP*42*NNSP8
PO1*1*1*EA[***A6*SS]
SI*TI*IT*SPP TN13
CTT*<# of PO1>
SE*<# of segments>*0001
```

Local Service Request Supplement

A Supplement is sent using the 860 transaction set.

This sample shows the main segment differences. See SPSR Practice for SPSUP Entries.

```
ST*860*0001[*ELMS14]
BCH*SPSUP7*SS*PON2*VER3*PO DATE*****TR
ANSACTION DATE{CCYYMMDD}
...
SE*<# of segments>*0001
```

Conversion Tables

Table 1 – SUP

These values only apply to SPSR

OBF Code	EDI Value
1=Cancel	BCH01=01
2=New Desired Due Date	BCH01=04
3=Other (Replace)	BCH01=05

Table 2 - OBF/X12 TIME format Conversion

Applies to the SPDDD/T field

X12 time is 24hr format

OBF Format	X12 Format ¹	X12 DTM Segment Example
1215A	0015	DTM*150**0015 DTM*150****TM*0015
1200P	1200	DTM*150**1200 DTM*150****TM*1200
08A11A 01P04P 10A12P	0800-1100 1300-1600 1000-1200	DTM*150****RTM*080 0-1100 DTM*150****RTM*130 0-1600 DTM*150****RTM*100 0-1200
AM ²	0800-1200	DTM*150****RTM*080 0-1200
PM ²	1200-1600	DTM*150****RTM*120 0-1600

DTM01 could be any valid DE374 value

DTM05 Qualifiers:

TM = Time in HHMM format

RTM = Range of Time in HHMM-HHMM format

¹ X12 time is 24hr format HHMM

² The actual time range for AM or PM is implementor dependent. The ranges shown here are for illustration only.

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8. XML SCHEMAS

This section of the practice addresses the XML schemas associated with the data fields identified to complete a SPSR.

The SPSR schemas will be integrated into the 3Q08 LSOG Documentation, which will be supported in XML format only.



SPSR schemas.zip

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