

Local Wholesale Solutions Complete for Plain Old Telephone Service

Product Guide



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LWS Complete for POTS

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Revisions

The following table provides a summary of versions, dates and descriptions of revisions made to this product guide.

Version Number	Date	Description of Revisions
1	8/1/05	Original

LWS Complete for POTS

Product Overview

Sprint local wholesale solutions complete (LWS complete) products are commercial wholesale services provided to Competitive Local Exchange Carriers (CLECs) and are the replacements for certain Unbundled Network Elements-Platform (UNE-P) products. The FCC eliminated the obligation for local exchange companies to provide UNE-P to CLECs in its February 4, 2005 order entitled “In the Matter of Unbundled Access to Network Elements; Review of the Section 251 Unbundling Obligations of Incumbent Local Exchange Carriers, Docket Nos. 04-313 and 01-338” (FCC 04-290) (“Triennial Review Remand Order”) effective March 11, 2005.

LWS complete Plain Old Telephone Service (POTS) is designed to allow the CLEC to offer the functional equivalent of Sprint comparable retail residential and single-line business services to their end users.

Sprint LWS complete POTS products provide CLEC end-users with end-to-end service over the Sprint network and include access to the same features and functionalities that Sprint provides to its retail end-users.

LWS complete POTS is available where facilities exist throughout Sprint’s incumbent local service territory.

Product Description

LWS complete POTS are complete services that do not require CLEC collocation or other CLEC network facilities, and include the following:

- ▶ 2-wire analog (voice grade) loop – single-line business (B1) or residential (R1)
- ▶ Analog line-side switch port
- ▶ Local Switch Minutes of Use (MOU)
- ▶ Shared Transport MOU
- ▶ Optional switch-based features

CLECs can convert Sprint retail end-users to LWS complete POTS, migrate existing CLEC end-users with resale POTS services to LWS complete POTS, or request installation of LWS complete POTS service for new subscribers.

Optional Switch-Based Features

The **LWS Complete Products and Services Matrix**, found on Sprint’s website, details the optional switch-based features available for each state. This matrix includes Service and Equipment (SAE) codes, feature descriptions, and Universal Service Order Codes (USOCs). Switch-based features may not be available in all Sprint central offices. In addition, not all switch-based features can be provided on the same single line.

Application of rates for optional switch-based features is dependent on the state where the LWS complete service is provided. Guidelines for the application of rates for optional switch-based features for LWS complete POTS are as follows:

- ▶ Nevada and New Jersey – All available optional switch-based features such as Custom Calling Features (CCF), Custom Local Area Signaling Services (CLASS) and Toll Restriction services are included in the switch port rates. Sprint makes available optional switch-based features as specified in Sprint’s retail tariffs.
- ▶ North Carolina – In addition to the switch port rate, all available optional switch-based features such as CCF, CLASS and Toll Restriction services are individually rated. Sprint makes available optional switch-based features as specified in Sprint’s retail tariffs.
- ▶ All Other States (Florida, Indiana, Kansas, Minnesota, Missouri, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington and Wyoming) – In addition to the switch port rate, a single CCF rate is applied to one or more CCF and/or Toll Restriction services and a single CLASS rate is applied to one or more CLASS services ordered per switch port. Sprint makes available optional switch-based features as specified in Sprint’s retail tariffs.

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Other Available Services

Directory Services

All LWS complete POTS products include, at no additional charge, one primary published directory listing for business or residential service based on the product requested for each main telephone number. Premium and privacy listings are also available with LWS complete services at retail tariff rates. Product descriptions for premium and privacy listings for each state are provided on the [LWS Complete Products and Services Matrix](#).

Voicemail

Voicemail services are made available to CLECs at retail rates as provided in the [LWS complete Voice Mail Quick Reference Matrix](#).

Inside Wire Maintenance

Inside Wire Maintenance service is made available to CLECs with a signed *Inside Wire Maintenance Agreement (IWMA)*. The CLEC will be invoiced at rates provided in their IWMA.

Primary Interexchange Carrier (PIC) Selection

CLECs designate the PIC for their ordered LWS complete POTS services and requested PIC changes on their end-user's behalf. PIC charges are invoiced at retail tariff rates.

Telephone Number (TN) Change

CLECs submit TN changes on the end-user's behalf and are invoiced at the contracted rates provided in their LWS complete Price Sheet.

Operator Services/Directory Assistance (OSDA) Services

CLECs may select Sprint OSDA service. Selection of Sprint's OSDA service is applied for all customers within a local serving area. When Sprint service is selected, Sprint will provide OSDA services at retail rates. OSDA includes but is not limited to Directory Assistance, Directory Assistance Call Completion, National Directory Assistance, Person-to-Person, Operator Station, Operator Assistance, Customer Name and Address, Busy Verify and Busy Interrupt services. Sprint makes available OSDA services as specified in Sprint retail tariffs.

Temporary Suspension of Service

A CLEC may order the Temporary Suspension of Service product for LWS complete POTS service and is invoiced at the contracted rates provided in their LWS complete Price Sheet.

Excluded Services

Off Premises Extension Service

Off Premises Extension service is not available for LWS complete POTS service.

Remote Call Forwarding Service

Remote Call Forwarding service is not available for LWS complete POTS service.

Foreign Exchange (FX) Service

FX service is not available for LWS complete POTS service.

Commingled Service

LWS complete POTS service is not permitted to be commingled with Resale service.

Access Line Limits

LWS complete POTS service is only available for up to four access lines at any specific end-user's premises as determined by the end user's physical service address.

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Product Prerequisites

CLECs must execute a *LWS complete Commercial Agreement* to offer LWS complete services.

If you are a new CLEC and are ready to do business with Sprint, go to the [Local Wholesale website](#), select CLEC > Forms > Get Started, and follow the listed steps and complete the applicable forms.

Ordering

LWS complete POTS service is ordered via a Local Service Request (LSR) and submitted to the assigned service center. The LSR may be faxed to the assigned service center or entered online through the Sprint Integrated Request Entry System (IRES). CLECs will order products and services via SAE codes. A list of eligible SAE codes for each state is provided on the [LWS Complete Products and Services Matrix](#).

The National Exchange Access Center (NEAC) serves as the assigned service center for ordering, provisioning, billing and repair of LWS complete POTS services.

Sprint's address validation tool is described in the [Address Validation Job Aid](#).

Service intervals for LWS complete POTS are available on the IRES *LSR Pre-order Schedule* tab. This interval is based on receipt of an error-free LSR.

Network Channel (NC) and Network Channel Interface (NCI) codes for ordering LWS complete POTS services are reflected in Table 1 below. Enter the NC/NCI information on the IRES Service tab.

Table 1 – NC/NCI Codes

LWS complete Element	NC	NCI (one required for each NC)
Loop	UC	02N02

The [IRES Users Guide](#) includes order entry information and screen print examples for LWS complete services.

Repair

Sprint's web-based repair ticket ordering system is described in the [WebRRS Receive Repair System](#).

Pricing

A price sheet included in the *LWS complete Commercial Agreement* lists Monthly Recurring Charges (MRC), Non Recurring Charges (NRC) and Usage Charges.

MRCs for LWS complete POTS service include but are not limited to:

- ▶ 2-wire analog (voice grade) loop
- ▶ Analog line-side switch port
- ▶ Optional switch-based features

NRCs for LWS complete POTS service include but are not limited to:

- ▶ Service order charge
- ▶ New installation (first and each additional loop) service charge
- ▶ Convert service charge
- ▶ Migration service charge
- ▶ Disconnect service charge

The [LWS complete Service Order \(SO\) Scenario Matrix](#) details the various LWS complete SO scenarios.

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Usage charges for LWS complete POTS service include but are not limited to:

- ▶ Tandem Switching MOU
- ▶ Common Transport MOU
- ▶ End Office Switching MOU
- ▶ Message Provisioning Charges

Sprint does not assess the following surcharges to LWS complete POTS service:

- ▶ Subscriber Line Charge (SLC)
- ▶ Universal Service Fund Charge (USF)
- ▶ 911 Emergency Service Fund
- ▶ Local Surcharges for Emergency Reporting
- ▶ Telecommunications Relay Charge
- ▶ Telephone Assistance Plans

CLECs are responsible for application, collection and submission to the appropriate regulatory agency for the above listed surcharges.

Regulatory and Tariffs

Go to the [Regulatory and Tariffs website](#) to find state specific local tariffs.

Invoicing

The monthly invoices for LWS complete are provided from the Carrier Access Support System (CASS) billing system. The CASS invoice is an industry standard format known as Billing Output Specifications (BOS).

CLECs receive two monthly invoices. One invoice includes Facility Lease Charges and a second invoice includes Usage Charges as described below:

- ▶ Facility Lease Charges – Flat monthly rates applied to non-usage sensitive elements such as but not limited to loops, switch ports, and optional switch-based features.
- ▶ Usage Charges – MOU rates applied to OSDA, Local Originating, Intalata Originating, Access Originating and Terminating traffic. Message Provisioning Charge rates are applied for each record sent and for the type of media chosen to receive the records.

Facility Lease Charges

CLECs are invoiced for facility lease charges via USOCs. USOCs are listed in the LWS complete price sheet by rate element and consist of a combination of MRC and/or NRC.

CASS invoices for facility lease charges contains the following sections:

- ▶ Return document for payment processing
- ▶ Face page includes customer name and address and Invoice Balances by invoice number
- ▶ Balance Due Information
- ▶ Detail of current charges
- ▶ Summary of Access Charges
- ▶ Detail of Payments Applied
- ▶ Detail of Adjustments Applied (if applicable)
- ▶ Detail of Balance Due
- ▶ Detail of Other Charges and Credits
- ▶ Facility Access Circuit Listing

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In addition, Customer Service Record (CSR) information is provided that includes monthly recurring detail by circuit identification and applicable USOCs for LWS complete POTS billed services. The CSR includes the following sections:

- ▶ Summary – Last Completed Activity
- ▶ Service Inventory – Sorted by telephone number with circuit identification and associated invoice page number
- ▶ English Language Glossary – Provides a description of all Field Identifiers (FID) and USOCs appearing in the invoice.

Usage Charges

CLECs are also invoiced for LWS complete usage at MOU rates provided in their LWS complete Price Sheet. The four basic traffic types of usage are described below:

- ▶ **Local** – Local usage originating from the CLEC end user when recorded by a Sprint switch. The originating local records are used by Sprint to invoice the CLEC applicable tandem switching, common transport and end office switching rate elements.
- ▶ **Intralata** – Toll usage originating from the CLEC end user when recorded by a Sprint switch. The originating toll record is used by Sprint to invoice the CLEC applicable tandem switching, common transport and end office switching rate elements.
- ▶ **Access** – Access usage originating and terminating through an Interexchange Carrier (IXC) when recorded by a Sprint switch. The originating and terminating access records are used by Sprint to invoice the CLEC applicable tandem switching, common transport and end office switching rate elements.
- ▶ **OSDA** – OSDA calls originating from the CLEC end-user when recorded by a Sprint switch. The OSDA call record is used by Sprint to invoice the CLEC at a per-message state tariff rate.

Usage charges for LWS complete services are accumulated for each traffic type and summarized on the invoice by Local, Intralata and Access rate categories. Table 2 reflects the rate elements that are applicable for LWS complete usage. These usage rate elements are applied on a per-minute of use basis.

Table 2 – Usage Rate Elements

Usage Rate Element	Description
Tandem Switching	This charge applies to LWS complete traffic that is switched by a Sprint tandem.
Common Transport	This charge applies to LWS complete traffic for the use of facilities between the Sprint tandem and Sprint end offices or between the Sprint host end offices and remote offices.
End Office Switching	This charge applies to LWS complete traffic that is switched by a Sprint end office.

CASS invoice for LWS COMPETE usage contains the following sections:

Face Page: Face page includes the customer name, address and total amount due by invoice number. The total amount due is broken into the following sections:

- ▶ Detail of Current Charges
- ▶ Detail of Payments Applied
- ▶ Detail of Adjustments Applied
- ▶ Detail of Balance Due
- ▶ Detail of Other Charges and Credits

Detail of Usage Charges: Detail of Usage Charges section includes the total charges at the end office level. The end offices on the invoice are sorted by Common Language Location Identifier (CLLI) code and subdivided by local jurisdiction and rate category.

Listed below is a summary of the major rate categories that may appear in the Detail of Usage Charges section of the LWS complete invoice.

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Local Transport

- ▶ Local Interswitch – direct and tandem originating minutes
- ▶ Intralata Toll – direct originating minutes
- ▶ Access Tandem – originating and terminating minutes

Tandem Switching

- ▶ Local Interswitch – tandem originating minutes
- ▶ Access – tandem originating and tandem terminating minutes

End Office

- ▶ Local Switching – local originating minutes
- ▶ Intralata Toll – originating minutes
- ▶ Access – originating and terminating minutes

Detail of Usage Statistics: Detail of Usage Statistics section provides additional data by end office. The data includes calculations for factoring minutes of use that is displayed in the Detailed Usage Charges section of the invoice.

Detailed Summary of Usage Charges: This summary provides CLECs with an account level summary of usage charges by “Usage Billing Cycle” and by “Rate Category”. These summaries are a restatement of all the Detail of Usage Charges sections.

Message Provisioning Charges

A message provisioning charge is applied for each record transmitted to the CLEC by Sprint. Message provisioning charges are in addition to Usage charges. The CLEC has the option to receive all or to receive no usage data. Charges for message provisioning are provided in CLECs LWS complete Price Sheet.

Billing Media

Billing media options include but are not limited to paper invoice, CD-ROM and Connect Direct. Charges for bill media are provided in CLECs LWS complete Price Sheet or as stated in Sprint retail tariffs.

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Frequently Asked Questions

1	<p>Q: Which optional switch-based features does Sprint make available for LWS complete POTS?</p> <p>A: Sprint makes available optional switch-based features as specified in Sprint retail tariffs.</p>
2	<p>Q: What are the applicable local usage-based invoicing elements for LWS complete POTS?</p> <p>A: The applicable usage based invoicing elements are Local Port Switching MOU, Shared Transport MOU and Tandem Switching MOU.</p>
3	<p>Q: Where can the CLEC find prices for LWS complete POTS?</p> <p>A: The price sheet included in your LWS complete agreement contains prices and USOCs for LWS complete POTS services.</p>
4	<p>Q: How does a CLEC submit local service requests?</p> <p>A: LWS complete POTS orders may be placed through IRES, the Sprint online order entry system or manually submit a paper LSR via fax to the service center.</p>
5	<p>Q: Does LWS complete POTS services involve collocation?</p> <p>A: No. LWS complete POTS provides the CLEC with end-to-end service over the Sprint network.</p>

LWS complete PRODUCTS AND SERVICES MATRIX

Updated - 7/15/05

This matrix details the ordering (SAE) and billing (USOC) codes for LWS complete products and services for each state. Also included are SAE code descriptions and monthly recurring charges (MRCs) for available services. MRCs for Directory Services, Voicemail and Inside Wire Maintenance are provided at retail rates. Rates for the remaining services are listed in your LWS complete Price Sheet as described in note 1.

LEGEND:

B - Business Service
CCF - Custom Calling Features
CCR - Custom Code Restrictions
CLASS - Custom Local Area Signaling Services
Co - Sprint Company Number
DA - Directory Assistance
DDD - Direct Distance Dialing
IDDD - International Direct Distance Dialing
LWS complete - Sprint local wholesale solutions products and services
MRC - Monthly Recurring Charge
POTS - Plain Old Telephone Service
PPU - Pay Per Use
R - Residential Service
SAE - Service And Equipment
USOC - Universal Service Order Code
VM - Voice Mail

SAE-Main	SUFFIX	USOC	B/R	SAE Description	MRC
0FLC	CEN	CLKYP		KEY PORT-NON ROTARY-Terminates into Key System	Note 1
0RLC	CEN	CLKYP		KEY PORT-ROTARY-Terminates into Key System	Note 1
1FCX	CC5	CLCTX		CENTREX PORT	Note 1
1FCX	CEN	CLCTX		CENTREX PORT	Note 1
1FCY	AMM	CLCTX		CENTREX PORT - Analog - Month-to-Month	Note 1
1FCY	DMM	CLCTX		CENTREX PORT - Digital - Month-to-Month	Note 1
1FLC	CST	CLPOT		POTS (B1/R1) PORT - NON-ROTARY - ACCESS LINE STUDENT	Note 1
1FLC	CTT	CLPOT		POTS (B1/R1) PORT - NON-ROTARY - 2ND LINE-RESIDENCE	Note 1
1FLC	CEN	CLPOT		POTS (B1/R1) PORT - NON-ROTARY	Note 1
1FLC	CGP	CLPOT		PAYSTATION PORT - NON-ROTARY	Note 1
1FPT	CPF	CLPOT		PAYSTATION PORT - NON-ROTARY - Prison	Note 1
1FPT	OCL	CLPOT		PAYSTATION PORT - NON-ROTARY - Outward	Note 1
1FPT	2CL	CLPOT		PAYSTATION PORT - NON-ROTARY - Two Way	Note 1
1FPT	CEN	CLPOT		PAYSTATION PORT - NON-ROTARY - Flat Rate	Note 1
1FPT	CER	CLPOT		PAYSTATION PORT - NON-ROTARY - Measured	Note 1
1MLC	CEN	CLPOT		POTS (B1/R1) PORT - NON-ROTARY - Measured	Note 1
1RLC	CEN	CLPOT		POTS (B1/R1) PORT - ROTARY - Non-Key	Note 1
1RLC	SLC	CLPOT		POTS (B1/R1) PORT - ROTARY - Non-Key	Note 1
AAAALSR		NA		LOCAL SERVICE REQUEST FREEZE	0.00
AAABNSG	3CO	CLCCF		CCF-BILL NUMBER SCREENING - 3rd Number/Collect	Note 1
AAABNSG	3RD	CLCCF		CCF-BILL NUMBER SCREENING - 3rd Number	Note 1
AAABNSG	CNT	CLCCF		CCF-BILL NUMBER SCREENING - Collect	Note 1
AAABNSG	COL	CLCCF		CCF-BILL NUMBER SCREENING - Collect	Note 1
AAABNSG	CTL	CLCCF		CCF-BILL NUMBER SCREENING - 3rd Number	Note 1
AAABNSG	CTT	CLCCF		CCF-BILL NUMBER SCREENING - 3rd Number/Collect	Note 1
AAACASI		CLSOA		VOICE MAIL (OBSOLETE)	9.95
AAACNAB		N/A		CCF-CUSTOMER NAME & ADDRESS BLOCKING	0.00
AAAHWRE	CL1	CLIWX		INSIDE WIRE MAINTENANCE	3.45
AAAHWRE	CL3	CLIWM		INSIDE WIRE MAINTENANCE	4.45
AAALoop	TAG	NA		TAG LOOP & LABEL	0.00
AAAMBBD		CLMBD		VOICE MAIL-Basic Direct Dial Mailbox	8.95
AAAMBBD	ESP	CLMSM		VOICE MAIL-Basic Direct Dial Spanish Mailbox	8.95
AAAMBBi		CLMBM		VOICE MAIL-Basic Mailbox	6.95
AAAMBBi	ESP	CLMWM		VOICE MAIL-Basic Spanish Mailbox	6.95
AAAMBCD		CLCDM		VOICE MAIL-Connections Direct Dial Mailbox	11.95
AAAMBCD	ESP	CLMCS		VOICE MAIL-Connections Direct Dial Spanish Mailbox	11.95

<u>SAE-Main</u>	<u>SUFFIX</u>	<u>USOC</u>	<u>B/R</u>	<u>SAE Description</u>	<u>MRC</u>
AAAMBCI		CLCMM		VOICE MAIL-Connections Mailbox	8.95
AAAMBCI	ESP	CLMMS		VOICE MAIL-Connections Spanish Mailbox	8.95
AAAMBED		CLEDM		VOICE MAIL-Elite Direct Dial Mailbox	11.95
AAAMBED	ESP	CLMES		VOICE MAIL-Elite Direct Dial Spanish Mailbox	11.95
AAAMBEI		CLEMM		VOICE MAIL-Elite Mailbox	8.95
AAAMBEI	ESP	CLMMW		VOICE MAIL-Elite Spanish Mailbox	8.95
AAAMONA	MWG	CLPAN		VOICE MAIL-Pager Alert Message Waiting - Non SprintPager	3.95
ADARMMT	CLC	NA		PRE APPROVED JACK	0.00
ADRADLS		CLALB	B	Directory-Additional Listing	1.75
ADRADLS		CLALR	R	Directory-Additional Listing	1.75
ADRALST	CEN	CLACB	B	Directory-Alternate Call Directory Listing	1.75
ADRALST	CEN	CLACR	R	Directory-Alternate Call Directory Listing	1.75
ADRAUXL	CEN	NA	B/R	Directory-Associated Number Directory Listing	0.00
ADRCRLS	CEN	CLCRB	B	Directory-Cross Reference Directory Listing	1.75
ADRDCTY		NA	B/R	Directory-Secdry Dir Del For Label	0.00
ADRELST		CLEXL	B	Directory-Extra Line Listing	1.75
ADRELST		CLEXM	R	Directory-Extra Line Listing	1.75
ADRELST	CEN	CLEXL	B	Directory-Extra Line Listing	1.75
ADRELST	CEN	CLEXM	R	Directory-Extra Line Listing	1.75
ADRFRGN		CLFLB	B	Directory-Listing Foreign Reg	3.00
ADRFRGN		CLFLR	R	Directory-Listing Foreign Reg	3.00
ADRFRGN	CEN	CLFLB	B	Directory-Listing Foreign Reg	3.00
ADRFRGN	CEN	CLFLR	R	Directory-Listing Foreign Reg	3.00
ADRJUSR	CEN	CLSSB	B	Directory-Shared Listing Directory Listing	9.88
ADRNLST		CLNLB	B	Directory-Non List Directory Listing	2.00
ADRNLST		CLNLR	R	Directory-Non List Directory Listing	2.00
ADRNLST	CEN	CLNLB	B	Directory-Non List Directory Listing	2.00
ADRNLST	CEN	CLNLR	R	Directory-Non List Directory Listing	2.00
ADRNPUB	CEN	CLNPB	B	Directory-Non-Pub Listings	3.00
ADRNPUB	CEN	CLRNP	R	Directory-Non-Pub Listings	3.00
ADRNPUB		CLNPB	B	Directory-Non-Pub Listings	3.00
ADRNPUB		CLRNP	R	Directory-Non-Pub Listings	3.00
CFCCONT	ANI	NA		PAYSTATION-FLEX ANI FEATURE	0.00
F3W0FAB		CLC3W		CENTREX-CCF-3 Way Conf/Hold/Transfer-Terminating into Key System	Note 1
F3W1FLC		CLCCF		CCF-3 Way Calling	Note 1
F3W1OFF		NA		CCF-Deny PPU 3-Way Calling	0.00

<u>SAE-Main</u>	<u>SUFFIX</u>	<u>USOC</u>	<u>B/R</u>	<u>SAE Description</u>	<u>MRC</u>
FAN1FLC	CPO	CLCCF		CCF-ANSWER SUPERVISION	Note 1
FAN1FLC	CPT	CLCCF		PAYSTATION-CCF-ANSWER SUPERVISION	Note 1
FCB1FCC	CEN	CLCCF		CCF-CALL FORWARD BUSY	Note 1
FCB1FLC	000	CLCCF		CCF-Call Forward Busy - Associated with a package of features	Note 1
FCB1FLC		CLCCF		CCF-Call Forward Busy	Note 1
FCB1FLC	FXD	CLCCF		CCF-Call Forward Busy - Fixed	Note 1
FCB1FLC	LOD	CLCCF		CCF-Call Forward Busy Line Overflow-For Rotary/Hunt Groups	Note 1
FCB1FLC	PRG	CLCCF		CCF-Call Forward Busy - Customer Programmable	Note 1
FCD0FAB		CLCAX		CENTREX-CCF-Call Forward No Answer - Terminating into Key System	Note 1
FCD1FLC	000	NA		CCF-Call Forward No Answer No Charge - Associated with a package	0.00
FCD1FLC		CLCCF		CCF-Call Forward No Answer	Note 1
FCD1FLC	PRG	CLCCF		CCF-Call Forwarding No Answer Customer Programmable	Note 1
FCE1CCB		NA		CCF-DA Call Completing Blocking	0.00
FCE1TLL	DA	CLCCF		CCF-DIRECTORY ASSISTANCE BLOCKING	Note 1
FCE1TLL	OPS	CLCCF		CCF-AUTO OPERATOR BLOCKING	Note 1
FCETCEF	CBB	CLDD2		DIRECT INWARD DIAL-BLOCK OF 20 NUMBERS-PBX	Note 1
FCETCEG	CBA	CLDD2		DIRECT INWARD DIAL-BLOCK OF 20 NUMBERS-PBX	Note 1
FCETCEQ	CEN	CLDDT		DIRECT INWARD DIAL-TRUNK TERMINATION, PER TRUNK-PBX	Note 1
FCF0FAB		CLCFP		CENTREX-CCF- Call Forward - Terminating into Key System	Note 1
FCF1FLC	000	NA		CCF-Call Forwarding Busy/No Answer Associated with a package	0.00
FCF1FLC		CLCCF		CCF-Call Forwarding	Note 1
FCF1FLC	CEN	CLCCF		CCF-Call Forward	Note 1
FCF1FLC	DA	CLCCF		CCF-Call Forward	Note 1
FCF1FLC	DAF	CLCCF		CCF-Call Forward - Fixed	Note 1
FCG1FLC		CLCCF		CCF-Call Forward - Remote Activation	Note 1
FCS1FLC	CB5	CLCCF		CCF-TOLL RESTRICTION - OPTION 4 (1+, 0+/-, Message Rate Route)	Note 1
FCS1FLC	CEN	CLCCF		CCF-CALL SCREENING BUSINESS	Note 1
FCS1FLC	CTT	CLCCF		CCF-CCR-OPTION BLOCKING (1+, 0+/-, IDDD, Op. Screening)	Note 1
FCS1FLC	CWA	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION C	Note 1
FCS1FLC	CWB	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION D	Note 1
FCS1FLC	CWC	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION E	Note 1
FCS1FLC	CWD	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION F	Note 1
FCS1FLC	CWE	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION G	Note 1
FCS1FLC	CWF	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION H	Note 1
FCS1FLC	CWH	CLCCF		PAYSTATION-CCF-CALL SCREEN OPTION D1	Note 1
FCS1FLC	OP5	CLCCF		CCF-CCR-OPTION BLOCKING (1+, 411,0+/-, IDDD, Message Rate Service)	Note 1

SAE-Main	SUFFIX	USOC	B/R	SAE Description	MRC
FCT1FLC	900	NA		CCF-Toll Restriction (1+900, 0+900 & N11[pay per calls] calls) Allows DA calls.	0.00
FCT1FLC	CB5	CLCCF		CCF-976 Block Service	Note 1
FCT1FLC	CEN	CLCCF		PAYSTATION-CCF-BLOCKING OPTION C1	Note 1
FCT1FLC	CLD	NA		CLASS - CALL TRACE DENIAL	0.00
FCW1FLC		CLCCF		CCF-Call Waiting	Note 1
FCW1FLC	TCW	CLCCF		CCF-Talking Call Waiting	Note 1
FEW1FCC	CEN	CLCCF		CCF-Enhanced Call Waiting	Note 1
FEW1FLC		CLCCF		CCF-Enhanced Call Waiting	Note 1
FHL1FLC	HOT	CLCCF		CCF-Hot Line Service	Note 1
FIN1CBL	PAY	NA		PAYSTATION-INWARD CALL BLOCK	0.00
FINCCBL	PAY	NA		PAYSTATION-INWARD CALL BLOCK	0.00
FNA1FLC	ONE	CLCCF		CCF-Signal Ring	Note 1
FNA1FLC	PLS	CLCCF		CCF-Signal Ring with Directory Listing	Note 1
FNA1FLC	TN2	CLCCF		CCF-Signal Ring II with Directory Listing	Note 1
FPI1FLC	DIS	CLCLF		CLASS-SPRINT PRIVACY ID - Associated with a package of features	Note 1
FPI1FLC		CLCLF		CLASS-SPRINT PRIVACY ID	Note 1
FPK1FLC	C3W	CLCCF		CCF-PACKAGE CW/CANCEL CW/3 WAY CALLING	Note 1
FPK1FLC	CTL	CLCCF		CCF-PACKAGE CW/CANCEL CW/3 WAY CALLING	Note 1
FPK1FLC	CVH	CLCCF		CCF-PACKAGE CF/CW/S8	Note 1
FPK1FLC	CVI	CLCCF		CCF-PACKAGE CF/CW/S30	Note 1
FPK1FLC	CVK	CLCCF		CCF-PACKAGE CF/CW/S30	Note 1
FPK1FLC	CVQ	CLCCF		CCF PACKAGE	Note 1
FPK1FLC	CVV	CLCCF		CCF PACKAGE	Note 1
FPK1FLC	CVW	CLCCF		CCF PACKAGE	Note 1
FPK1FLC	CVX	CLCCF		CCF PACKAGE	Note 1
FPK1FLC	CVZ	CLCCF		CCF PACKAGE	Note 1
FPKADV N	NCD	CLCCF		CCF-ADVANTAGE PACKAGE (Obsolete)	Note 1
FPKADV N		CLCCF		CCF-ADVANTAGE PACKAGE (Obsolete)	Note 1
FPKCIDP		CLCCF		CCF-CLASSICS CALLING PACKAGE	Note 1
FPKCM		CLCCF		CCF-CALL MANAGER PACKAGE	Note 1
FPKCMPN	CP	CLCCF		CCF-CALL MANAGER PLUS W/NAME	Note 1
FPKCMPN	NCD	CLCCF		CCF-ESSENTIALS Without Call Waiting ID	Note 1
FPKCMPN		CLCCF		CCF-ESSENTIALS PACKAGE	Note 1
FPKCMPV		CLCCF		CCF-ELITE PACKAGE	Note 1
FPKICF		CLCCF		CCF-IN TOUCH W/Call Forward	Note 1
FPKIRC		CLCCF		CCF-IN TOUCH W/Return Call	Note 1

SAE-Main	SUFFIX	USOC	B/R	SAE Description	MRC
FPKRSL		CLCCF	B	CCF-Sprint Priority	Note 1
FPM1SPM		NA		CCF-Deny Personal Messenger Announcement	0.00
FS31FLC	CEN	CLCCF		CCF-Speed Dial 30	Note 1
FS81FLC		CLCCF		CCF-Speed Call 8 - POTS	Note 1
FST1FLC		NA		STUTTER TONE MESSAGE WAITING	0.00
FST1FLC	ST	NA		STUTTER TONE MESSAGE WAITING	0.00
FST1FLC	VIS	NA		STUTTER TONE MESSAGE WAITING	0.00
FTA1FCC		CLCLF		CLASS-REPEAT DIALING	Note 1
FTA1OFE		NA		CLASS-DENY ENHANCED REPEAT DIAL ANNOUNCE	0.00
FTA1OFF		NA		CLASS-DENY PPU REPEAT DIALING	0.00
FTB1FAB	CEN	CLCRC		CENTREX-CALL RETURN (CLASS)	Note 1
FTB1FCC	CLB	CLCLF		CLASS-CALL RETURN	Note 1
FTB1FCC		CLCLF		CLASS-RETURN CALL	Note 1
FTB1OFF		NA		CLASS-DENY PPU RETURN CALL	0.00
FTC1FCC		CLCLF		CLASS-CALL TRACE	Note 1
FTC1FCC	CLD	CLCLF		CLASS-CALL TRACE	Note 1
FTC1FCC	DEN	NA		CLASS-CALL TRACE DENY	0.00
FTC1FLC		CLCLF		CLASS-CALL TRACE (Unlimited Use)	Note 1
FTC1OFF		NA		CLASS-DENY PPU CALL TRACE	0.00
FTD1FCC		NA		CLASS-CALLER ID BLOCKING	0.00
FTD1FCC	PLB	NA		CLASS-CALLER ID BLOCKING	0.00
FTE1FAB	CEN	CLCCI		CENTREX-CALLER ID-Number Only (CLASS Feature)	Note 1
FTE1FCC		CLCLF		CLASS-CALLER ID NUMBER ONLY	Note 1
FTF1FCC		CLCLF		CLASS-SELECTIVE CALL RING	Note 1
FTG1FCC		CLCLF		CLASS-SELECTIVE CALL FORWARDING	Note 1
FTH1FCC		CLCLF		CLASS-SELECTIVE CALL REJECTION	Note 1
FTJ1FCC		CLCLF		CLASS-SELECTIVE CALL ACCEPTANCE	Note 1
FTK1FCC		CLCLF		CLASS-CALLER ID W/NAME	Note 1
FTO1FCC		CLCLF		CLASS-CALL WAITING OPTIONS	Note 1
FTR1FCC		CLCLF		CLASS-ANONYMOUS CALL REJECTION	Note 1
FTT1FCC		CLCCF		CCF-Three-Way Calling with Transfer	Note 1
FTW1FCC		CLCLF		CLASS-CALL WAITING ID	Note 1
FTW1FLC	DIS	CLCCF		CCF-TALKING CALL WAITING	Note 1
FTW1FLC		CLCCF		CCF-TALKING CALL WAITING	Note 1
FUC1FAB	CEN	CLUCD		CENTREX-UNIFORM CALL DISTRIBUTION FEATURE	Note 1
FUT1FAB	DIG	NA		CENTREX TOUCH TONE	0.00

SAE-Main	SUFFIX	USOC	B/R	SAE Description	MRC
FUT1FLC		NA		TOUCH-TONE LINE FEATURE	0.00
FUT1FLC	CEN	NA		TOUCH-TONE LINE FEATURE	0.00
FUT1FLC	NC	NA		TOUCH-TONE LINE FEATURE	0.00
FUT1FLC	PBX	NA		TOUCH-TONE LINE FEATURE	0.00
FVM1FLC		NA		CCF-VISUAL MSG WTG INDICATION	0.00
TSF2LC	CEN	CLPBX		PBX PORT - NON ROTARY - 2-Way Combination	Note 1
TSFTLC	CEN	CLPBX		PBX PORT - NON ROTARY - DDD	Note 1
TSRTLC		CLPBX		PBX PORT - DID TRUNK	Note 1
TSR2LC	CEN	CLPBX		PBX PORT - ROTARY - 2-Way Combination	Note 1
UGSLC		NA		CLAS Ground Start Line CO	0.00
UPR1		NA		CLAS 2-WIRE LOC FACILITY	0.00
UPR2		NA		CLAS 4-WIRE LOC FACILITY	0.00
UPR2	CEN	NA		CLAS 4-WIRE LOC FACILITY	0.00
UPRX		NA		CLAS ADDTL LOC FAC TERM	0.00

**Voicemail Quick Reference For LWS complete POTS Service
For Residential and Small Business/Home Business CLEC Customers
Last Updated on August 1, 2005**

Voicemail Formats For LWS complete CLECs:

- Voicemail Message Waiting – notifies a customer when a new message is received in their mailbox by sending a distinctive stutter dial tone or a blinking light. Both types of notification disappear when the new messages are played. Customers can also elect to take the Zero Out feature where available. This feature allows the customer to hit zero during the Voicemail greeting and be transferred to a local number.
 - Available in English or Spanish
 - Requires the customer to purchase a loop with touch-tone
 - Requires Call Forward No Answer
 - Call Forward Busy recommended
- Voicemail Direct Dial – allows the customer to dial the direct number directly to leave a message or the customer can forward their telephone number to the direct dial number. Voicemail Direct does not have any message waiting indication capability.
 - Available in English or Spanish
 - Requires the customer to purchase a loop with touch-tone
 - Call Forward No Answer recommended
 - Call Forward Busy recommended

The Voicemail Message Waiting format is available in 3 different types of mailboxes:

- BASIC – allows the customer to have a 1 minute greeting, receive up to 15 new and saved messages and allows the caller to leave up to a 2 minute message.
- ELITE - doubles the capacity for the greeting and messages: 2 minute greeting, 30 new and saved messages and allows the customer to leave up to a 4 minute message. The customer also has the ability to create a distribution list.
- PLUS – provides a main greeting and the customer receives 4 extension mailboxes. Callers will hear the main greeting and will be asked to choose the mailbox where they wish to leave a message. Each extension mailbox has the same capacity as the basic mailbox.

The Voicemail Direct Dial format is available in 3 different types of mailboxes:

- BASIC – allows the customer to have a 1 minute greeting, receives up to 15 new and saved messages and allows the caller to leave up to a 2 minute message.
- ELITE – doubles the capacity for the greeting and messages: 2 minute greeting, 30 new and saved messages and allows the customer to leave up to a 4 minute message. The customer also has the ability to create a distribution list.
- PLUS – provides a main greeting and the customer receives 2 extension mailboxes. Callers will hear the main greeting and will be asked to choose the mailbox where they wish to leave a message. Each extension mailbox has the same capacity as the basic mailbox.

Small Business/Home Business Customer:

- Defined as an end user with 4 analog voice grade loops or less at the same service address.

**Voicemail Quick Reference For LWS complete POTS Service
For Residential and Small Business/Home Business CLEC Customers
Last Updated on August 1, 2005**

Pricing:

- Voicemail services are made available at retail rates. Contact your local account manager for pricing.

Voicemail Activation Number:

- Provided to the CLEC on the Confirm TAB of the LSR within IRES.

LWS complete POTS Product Guide

- Product information regarding LWS complete POTS service is provided in the **LWS complete POTS Product Guide**.

**VoiceMail Quick Reference For LWS complete POTS Service
For Residential and Small Business/Home Business CLEC Customers
Last Updated on August 1, 2005**

Service and Equipment Codes:

VOICE MAIL MESSAGE WAITING		
BASIC	Elite	PLUS
AAAMBBI	AAAMBEI	AAAMBCI (PLS) for 2 mailboxes AND AAAMBEX (EX3) for 3 rd mailbox AND AAAMBEX (EX4) for 4 th mailbox
AAAMBBI (ESP) – Spanish Only	AAAMBEI (ESP) – Spanish Only	AAAMBCI (EPS) – Spanish Only for 2 mailboxes AND AAAMBEX (EXE) for 3 rd mailbox AND AAAMBEX (EX4) for 4 th mailbox
STANDARD FEATURES FOR VOICE MAIL MESSAGE WAITING		
BASIC	ELITE	PLUS
FST1FLC – Stutter Dial Tone	FST1FLC – Stutter Dial Tone	FST1FLC – Stutter Dial Tone
FVM1FLC – Visual Message Indication	FVM1FLC – Visual Message Indication	FVM1FLC – Visual Message Indication
OPTIONAL FEATURE FOR VOICE MAIL MESSAGE WAITING		
BASIC	ELITE	PLUS
AAAMOZA – ZERO OUT	AAAMOZA – ZERO OUT	AAAMOZA – ZERO OUT
VOICEMAIL DIRECT DIAL (limited availability)		
BASIC	ELITE	PLUS
AAAMBBD	AAAMBED	AAAMBCD
AAAMBBD (ESP) – Spanish Only	AAAMBED (ESP) – Spanish Only	AAAMBCD (ESP) – Spanish Only
ADDITIONAL EXTENSIONS FOR VOICE MAIL DIRECT DIAL		
BASIC	ELITE	PLUS
AAAMBEX	AAAMEEX	N/A
AAAMBEX (ESP) – Spanish Only	AAAMEEX (ESP) – Spanish Only	N/A

Mailbox Capacity:

VOICE MAIL MESSAGE WAITING AND DIRECT DIAL MAILBOX CAPACITY				
Mailbox Limits	BASIC	ELITE	PLUS	
			Main Mailbox	2 Extension Mailboxes
Greeting Length	1 minute	2 minutes	1 minute	1 minute each
Message Length	2 minutes	4 minutes	N/A	2 minutes each
Message Capacity (new and saved)	15 messages	30 messages	N/A	15 messages each
New Message Retention	10 days	20 days	N/A	10 days each
Saved Message Retention	5 days	10 days	N/A	5 days each

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

Sprint LWS complete products are commercial wholesale services provided to CLECs. LWS complete SO scenario matrix includes SO scenarios, USOC definitions, notes and a legend.

SO Scenarios:

SO Scenario	Applicable USOCs
New Install – field technician dispatch required (see notes 4 and 5)	CLIRE - per order CLINS – per loop
New Install – no field technician dispatch required (see note 4)	CLIRE - per order CLREI – per loop
Convert With Out Changes – no field technician dispatch required.	CLIRE – per order CLREI – per loop
Convert With Changes – no field technician dispatch required (see note 4)	CLIRE – per order CLREI – per loop
Convert With Changes – field technician dispatch required (see notes 4 and 5)	CLIRE – per order CLINS – per loop
Migration (see note 8)	CLMIG – per loop
Add one or more CCF or CLASS features to an existing loop (see note 4)	CLECH – per order
Add BNS to an existing loop (see note 4)	CLECH – per order
Add Toll Blocking services to an existing loop (see note 4)	CLECH – per order
Move Service With Out Changes (T Move) – no field technician dispatch required (see note 4)	CLIRE – per order CLREI – per loop
Move Service With Changes (T Move) – no field technician dispatch required (see note 4)	CLIRE – per order CLREI – per loop
Move Service With Changes (T Move) – field technician dispatch required (see notes 4 and 5)	CLIRE – per order CLINS – per loop

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

Add Voice Mail Service to an existing loop	CLECH – per order
Change Voice Mail Service	CLECH – per order
Add Main, Additional, Caption or Foreign Listings to an existing loop	CLECH – per order
Change Directory Listing	CLECH – per order
Change published listing to or from non published listing	CLECH – per order
Request Tag and Label – new install – field technician was dispatched. (See New Install Scenario for additional USOCs)	CLLTN – per loop
Request Tag and Label – new install – field technician was not initially dispatched but dispatch is now required.	CLLTL – per loop CLTPC – per order
Request Tag and Label – existing loop – field technician dispatch required	CLECH – per order CLLTL – per loop CLTPC – per order
Request Suspend/Restore service	CLSRS – at Suspend – per loop CLSRR - at Restore – per loop
PIC Change	CLPIC – per loop
Telephone Number Change	CLECH – per order CLTNC – per loop
Change from business to residence type of service	CLECH – per order CLTNC – per loop
Change from residence to business type of service	CLECH – per order
Disconnect service (see note 10)	CLDIS – per order

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

Relocate Drop	CLIRE – per order PLUS CLEC to request ICB pricing.
Move NID	CLIRE – per order PLUS CLEC to request ICB pricing.
Install jack's – new install – requires signed IWM Agreement. (See New Install Scenario for additional USOCs)	Applicable jack charges per terms of IWM Agreement.
Install jack's – existing service – requires signed IWM Agreement	Required field technician dispatch and applicable jack charges per terms of IWM Agreement.

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

USOC Definitions:

Definition	USOC
Service Order Charge applies to new install, convert, move and relocate services. CLEC submits a LSR through IRES.	CLIRE
Service Order Charge applies to new install, convert, move and relocate services. CLEC faxes a paper LSR.	CLSOC
Service Order Charge – Change Only applies when a CLEC requests a change to an existing end user’s service. CLEC submits a LSR through IRES.	CLECH
Service Order Charge – Change Only applies when a CLEC requests a change to an existing end user’s service. CLEC faxes a paper LSR.	CLMCH
Migration Charge applies when an existing CLEC end user with resale service is migrated to LWS complete service or vice-versa without changes to existing service.	CLMIG
Convert Loop Charge applies to a new install, converts with or with out changes, or a move SO scenario when a field technician dispatch is not required.	CLREI
Install Loop Charge applies to a new install, convert with changes or a move SO scenario when a field technician dispatch is required.	CLINS
Disconnect Service Charge applies to a CLEC when disconnecting an existing end user loop with LWS complete service.	CLDIS
Tag and Label Charge applies when requesting Tag and Label service on a new install with LWS complete service.	CLLTN

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

<p>Tag and Label Charge applies when requesting Tag and Label service on an existing end user loop or a new install with LWS complete service when a field technician was not initially dispatched but dispatch is now required.</p>	<p>CLLTL</p>
<p>Trip Charge applies when a field technician dispatch is required.</p>	<p>CLTPC</p>
<p>Suspend/Restore Charge applies when requesting Suspend/Restore service on an existing end user loop with LWS complete service at time of suspending service.</p>	<p>CLSRS</p>
<p>Suspend/Restore Charge applies when requesting Suspend/Restore service on an existing end user loop with LWS complete service at time of restoring service.</p>	<p>CLSRR</p>
<p>PIC Charge applies to a CLEC when changing the PIC on an existing end user loop with LWS complete service.</p>	<p>CLPIC</p>
<p>Telephone Number Change Charge applies when changing the telephone number on an existing end user loop with LWS complete service.</p>	<p>CLTNC</p>

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

Notes:

No.	Note
1	Replace CLIRE USOC with CLSOC for all SO scenarios when CLEC faxes a paper LSR.
2	Replace CLECH USOC with CLMCH for all SO Change Only scenarios when CLEC faxes a paper LSR.
3	Per order is defined as one or more loops ordered for the same serving address. If an order has two or more loops ordered with different serving addresses, per order applies for each serving address.
4	Additional NRCs may apply based on the services added or changed. Services may include, but are not limited to, CCF, CLASS, and Toll Restriction. CLECs LWS complete Commercial Agreement includes a list of product and services and applicable NRCs.
5	Install Additional Loop Charge – A separate per loop charge applies when additional loops are installed on the same order; same service address at the same time the initial loop is installed. The CLINS USOC captures additional loop charges on the order. Pricing included in CLECs LWS complete Commercial Agreement.
6	New Install – one or more loops are installed to establish LWS complete service for a CLEC end user.
7	Convert – a CLEC converts an existing Sprint retail service to LWS complete or converts an existing resale or LWS complete service from another CLEC to LWS complete service.
8	<p>Migrate – an existing CLEC end user with resale service is migrated to or from LWS complete service without changes to existing service.</p> <p>To migrate service and make a change to existing service, Sprint requires a CLEC to submit two (2) LSRs. The initial request would be submitted to complete the migration and the contract migration charge would apply. A second request would be submitted to accommodate the changes in service and the contract service order charge would apply.</p>
9	Move – an existing CLEC end user with LWS complete service physically moves that service to a new service location.
10	Disconnect – A CLEC disconnects their end user's LWS complete service. LWS complete service is no longer provided at serving address.

Legend:

BNS	Bill Number Screening
CCF	Custom Calling Features
CLASS	Custom Local Area Signaling Services

Local Wholesale Solutions complete (LWS complete) Service Order (SO) Scenario Matrix
Updated: July 1, 2005

CLEC	Competitive Local Exchange Carrier
IRES	Integrated Request Entry System
IWM	Inside Wire Maintenance
LSR	Local Service Request
LWS	Local wholesale solutions complete
NID	Network Interface Device
NRC	Non Recurring Charge
PIC	Primary Interexchange Carrier
SO	Service Order
USOC	Universal Service Order Code