



Service and Product Enhancement Codes (SPEC)

Carrier Services

Frontier Communications
180 S. Clinton Ave.
Rochester, NY 14646

Created: 5/27/2010

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Service and Product Enhancement Codes (SPEC)

Purpose

The purpose of this job aid is to assist with the population of the Service and Product Enhancement Code (SPEC) field on the Access Service Request (ASR) for our West Virginia properties.

Definition

The SPEC field identifies a specific product or service offering. Frontier uses this code to validate entries on the ASR based on criteria for the product or service being requested.

Frame Relay

| SPEC | Description |
|--------|---|
| FRSA## | Frame Relay Service – Additional Permanent Virtual Circuits. DS3 SUBRATE not available in the south |

Asynchronous Transfer Mode (ATM)

| SPEC | Description |
|---------------------------------|---------------|
| ATMFUX, 1UX, SPX | Port Only |
| ATMFUX, 1UX, SPX, FUP, 1UP, SPP | Port + Access |

Asynchronous Transfer Mode Ima (2-6 DS1s) - 3 Mbps to 9Mbps (Full bandwidth only)

| SPEC | Description |
|--------|---------------|
| ATMFUX | Port + Access |

Transparent LAN Service (TLS)

| SPEC | Description |
|---------|---|
| CSMVRX | CSM – View & Customer Generated Network Performance Reports |
| TLSERP | Transparent LAN Service - Ethernet Relay Service - Premier UNI |
| TLSERPC | Transparent LAN Service (TLS) Ethernet Relay (ERS) Premier with CSM |
| TLSERSS | ERS Standard |

| | |
|---------|-------------|
| TLSEMSR | EMS, EMS-RT |
|---------|-------------|

Enterprise

| SPEC | Description |
|--------|--|
| ENSCOR | ES multiplexed/groomed and point to point service in the New York/New Jersey Corridor (LATA 132) |

Federal Aviation Administration (FAA)

| SPEC | Description |
|-------|---------------------------------------|
| FAATT | FAA Telecommunications Infrastructure |

Facility Management Service (FMS)

| SPEC | Description |
|---------------------|---|
| FMSXXX | Facility Management Service – Telco Managed Engineering & Design of Network |
| FMSXX3 | Facility Management Service – Telco Managed Engineering & Design of Network – three (3) year plan |
| FMSXX5 | Facility Management Service – Telco Managed Engineering & Design of Network – five (5) year plan |
| FMS5Y, FMS3Y, FMSMM | Grandfathered |

LAN Extension Service (LES)

| SPEC | Description |
|--------|--|
| LANVCX | Virtual Local Area Network (VLAN) Connection |
| LAX1GB | LAN Extension Service – Fiber Transport |

Bandwidth On Demand (BOD)

| SPEC | Description |
|--------|--|
| BODFAC | Bandwidth On Demand (BOD) Facility (used for facilities and off-ring riders) |
| BODORC | Bandwidth On Demand (BOD) on-ring channel |

Dedicated Sonet Ring (DSR)

| SPEC | Description |
|--------|--|
| SNTDOR | SONET Dedicated Ring – on-ring channel |
| SNTDS2 | Service derived from asymmetrical SONET ports (stub-hubs) at both ends (riders on different rings w/asymmetrical ports at each end of circuit) |
| SNTDSH | SONET Dedicated Ring- Stub-Hub (used for ordering) |

Service and Product Enhancement Codes (SPEC)

| | |
|--------|--|
| | asymmetrical port & off-ring riders) |
| SNTESA | Enhanced IntelliLight Dedicated SONET Ring (IDSR), special access; ring & off-ring riders |
| SNTESW | Enhanced IntelliLight Dedicated SONET Ring (IDSR), switched access; ring and off-ring riders |
| SPCXXX | Single port charge – Rider that originate/terminate at Partial Ring Fiber Meet |
| CSMVXX | CSM Level I: View |
| CSMVRX | CSM Level II: View and Report |
| CSMVRR | CSM Level III: View, Report, and Reconfigure |

Dedicated Sonet Ring & Intellilight Optical Transport Service (DSR & IOTS)

| SPEC | Description |
|---------|----------------------|
| PARTRNG | Partial Ring Service |

Intellilight Optical Transport Service (IOTS)

| SPEC | Description |
|----------|--|
| DTMXXX | Direct TL1 Monitoring on DSR for Dedicated Wavelength Ring |
| OTSBAX | Optical Transport Service – Service Originates and Terminates in LATA B but traverses LATA A |
| OTSCSM | IntelliLight Optical Transport Service (IOTS) with Customer Service Management (CSM) |
| OTSDRS | Optical Transport Service – Dense wave Division Multiplexing Ring for Switched Access |
| OTSDSR | Switched DSR ring riding IOTS |
| OTSMDW | Optical Transport Service Derived from a Sub-Rate Multiplexed DWDM (Dense Wavelength Division Multiplexing) Platform (MPIC facility and on-ring rider) |
| OTSPCSM | Partial IntelliLight Optical Transport Service (IOTS) with Customer Service Management (CSM) |
| OTSP TLM | Partial IntelliLight Optical Transport Service (IOTS) with Direct TL1 Management (DTM) |
| OTSTLM | IntelliLight Optical Transport Service (IOTS) with Direct TL1 Management (DTM) |
| PARCSMN | Partial Ring with Customer Service Management - View, Customer Generated Network Performance Reports & Network Reconfiguration |
| PARCSMR | Partial Ring with Customer Service Management – View & Customer Generated Network Performance Reports |
| PARCSMV | Partial Ring with Customer Service Management – View Only |

Intellilight Entrance Facility (IEF)

| SPEC | Description |
|--------|--|
| SALTAX | SONET Access Loop Termination - Point to Point DS3 ordered over IEF like-to-like arrangement |

| SPEC | Description |
|--------|--|
| SALTAA | IEF STS1 "like for like" AT PRILOC AND IEF STUB HUB OR MID SPAN MEET AT SECLOC |
| SALTAB | IEF STS1 "like for like" AT SECLOC AND IEF STUB HUB OR MID SPAN MEET AT PRILOC. Pt to Pt DS3 |
| SALTCA | IEF STS1 "like for like" AT PRILOC AND IEF STUB HUB OR MID SPAN MEET AT SECLOC. Pt to Pt STS1 |
| SALTCB | IEF STS1 "like for like" AT SECLOC AND IEF STUB HUB OR MID SPAN MEET AT PRILOC. Pt to Pt STS1 |
| SALTBX | SONET Access Loop Termination - Muxed DS3 ordered over IEF like-to-like arrangement. Pt to Pt DS3 |
| SALTCX | IEF STUB HUB OR MID SPAN MEET AT PRILOC OR SECLOC. Pt to Pt STS1 |
| SALTC2 | SONET Access Loop Termination - Record Order STS1 Circuit - Billing Only (for use with DS1 like-to-like) |
| SALTDX | IEF STUB HUB OR MID SPAN MEET AT PRILOC OR SECLOC. Pt to Pt STS1/DS3 |
| SALTDA | IEF STS1 "like for like" AT PRILOC AND IEF STUB HUB OR MID SPAN MEET AT SECLOC. Pt to Pt STS1/DS3 |
| SALTEX | SONET Access Loop Termination – Muxed STS1 |
| SALTFX | SONET Access Loop Termination – OC03/OC03c riding OC12 stub-hub or OC48 mid-span meet at PRILOC or SECLOC |
| SALTFE | IEF STUB HUB OR MID SPAN MEET AT PRILOC AND SECLOC. IBT OC3/OC3C |
| SALTGX | SONET Access Loop Termination - OC12/OC12c riding OC48 mid-span meet at PRILOC or SECLOC |
| SALTHX | SONET Access Loop Termination - Point to Point DS1 Electrical Interface - assoc. with record order STS1 |
| SALTHX | SONET Access Loop Termination – Point to Point DS1 Electrical Interface – associated with record order STS1 |
| SALTSX | SONET Access Loop Termination - STS1 Entrance Facility Loop with VT1.5 Grooming (associated with separated DS1s) |
| SALTY2 | SONET Access Loop Termination - OC03/OC03c like-to-like at SECLOC - no entrance facility at PRILOC |
| SALTYT | IEF STS3 "like for like" AT PRILOC AND SECLOC. IBT OC3/OC3C |
| SALTYF | IEF STS3 "like for like" AT PRILOC AND STUB HUB OR MID SPAN MEET AT SECLOC. IBT OC3/OC3C |
| SALTFY | IEF STS3 "like for like" AT SECLOC AND STUB HUB OR MID SPAN MEET AT PRILOC. IBT OC3/OC3C |
| SALTGX | IEF MID SPAN MEET AT PRILOC OR SECLOC. IBT OC12/OC12C |
| SALTGG | MID SPAN MEET AT PRILOC AND SECLOC. IBT OC12/OC12C |
| SALTYX | SONET Access Loop Termination - OC03/OC03c like-to-like at PRILOC - no entrance facility at SECLOC |
| SALTZ2 | SONET Access Loop Termination - OC12/OC12c like-to-like at SECLOC - no entrance facility at PRILOC |
| SALTZZ | IEF STS12 "like for like" AT PRILOC AND SECLOC. IBT OC12/OC12C |
| SALTZG | IEF STS12 "like for like" AT PRILOC AND MID SPAN MEET AT SECLOC. IBT OC12/OC12C |
| SALTGZ | IEF STS12 "like for like" AT SECLOC AND MID SPAN MEET AT PRILOC. IBT OC12/OC12C |

Intellilight Entrance Facility (IEF)

| SPEC | DESCRIPTION |
|--------|--|
| SALTZX | SONET Access Loop Termination - OC12/OC12c like-to-like at PRILOC - no entrance facility at SECLOC |
| SNTHHD | SONET - self-healing - hubbed drop--used to order IEF stub-hub/mid-span meet |
| SNTRN2 | ISDN Riding SONET (DS1 PRI derived from Intellilight Entrance Facility (IEF)) |
| SNTRN3 | ISDN Riding SONET (DS1 PRI derived from Intellilight Broadband Transport (IBT) multiplexing) |
| SALT2X | Separated DS1, DS3 and STS1. STS1 IEF BOTH ENDS |
| SALT3X | Separated DS1, DS3 and STS1. STS1 IEF AT PRILOC |
| SALT4X | Separated DS1, DS3 and STS1. STS1 IEF AT SECLOC |
| SALT2G | Grouped DS1. STS1 IEF BOTH ENDS |
| SALT3G | Grouped DS1. STS1 IEF AT PRILOC |
| SALT4G | Grouped DS1. STS1 IEF AT SECLOC |

Intellilight Broadband Transport (IBT)

| SPEC | Description |
|---------|---|
| SNTLBT1 | Derived from IntelliLight Broadband Transport (IBT) with a single multiplexer on premise |
| SNTLBT2 | Derived from IntelliLight Broadband Transport (IBT) with a single multiplexer at Central Office (CO) |
| SNTLBT3 | Derived from IntelliLight Broadband Transport (IBT) with multiplexers at both Central Office (CO) and customer premises locations |
| SNTLBT4 | Derived from IntelliLight Broadband Transport (IBT) with multiplexers at both premises |
| SNTMUX | SONET – based switched access/special access wire center or customer premises multiplexing |
| SNTMUY | SONET – based switched access/special access wire center and customer premises multiplexing |

Integrated Optical Services (IOS)

| SPEC | Description |
|---------|---|
| VNOSF | Integrated Optical Service (IOS) facility (rings/point-to-point optical facilities & off-ring riders) |
| VNOSORC | Integrated Optical Service (IOS) on-ring channel |

Verizon Optical Network (VZON)

| SPEC | Description |
|--------|--|
| SNTVON | Ethernet Private Line (for ordering both the port and the rider) |

| | |
|--|--------------------------|
| | (formerly known as VZON) |
|--|--------------------------|

Unbundled Network Elements (UNE)

| SPEC | Description |
|--------|------------------------------|
| UNB1OT | UNE EEL |
| UNBALL | UNE IOF, Dark Fiber and Loop |

Switched Services (Including SS7)

| SPEC | Description |
|------------------------------------|--|
| CMPM1X | CLEC Interconnection/Meet Point Termination – Minutes of Use Rate Schedule – 1-way Terminating Facility |
| CMPMRE | CLEC MOU MEET POINT A (End Office) |
| CMPMRT | CLEC Interconnection/Meet Point Termination – Minutes of Use Rate Schedule — Tandem – Trunk Connection – 2 way Trunk Service |
| CMPMUE | CLEC Two way trunks – No Collocation involved |
| CMPMUT | CLEC Interconnection/Meet Point Termination - Minutes of Use Rate Schedule – Tandem |
| GATEWAY | Original Gateway Access Service |
| GTWY# (where # = an actual number) | Subsequent Gateway Access Service |
| LSPSET | Local Service Provider – Facility Billed via Settlement Process |
| OFNMSF | Local Interconnection Services (PIU 0) Mid Span Fiber Meet |
| ONSXXX | SS7 OffNET |
| PHDS1M | Physical Collocation – Two way trunks - DS1 interface |
| PHDS3M | Physical Collocation – Two way trunks - DS3 interface |
| POVNAC | Point of Interface on VZ Network (POVN) Access Transport |
| SPOLATA | Single Point of Presence (SPOP) in LATA in support of Local Interconnection Service (LIS). Service can cross Public Utility Commission (PUC) defined Local Calling Area (LCA) boundary |
| SS7MW | SS7 Message Waiting Indicator |
| VTDS1M | Virtual Collocation – Two way trunks - DS1 interface |
| VTDS3M | Virtual Collocation – Two way trunks - DS3 interface |
| WPAGE | Wireless Paging Service |