Verizon Global Wholesale Services

SES/TLS UNI Ordering Guide
Switched Ethernet Service/Transparent LAN Service
User to Network Interface

SES/TLS UNI Service Ordering Guide Overview

The information contained in this Ordering Guide provides the wholesale user with ASR ordering requirements for the product suite of the SES/TLS UNI Services. Additional or new service offerings, as they become available through the access release schedule, will be updated as incremental versions.

Effective with the September 20, 2014 access release there was a new Industry SES Form specific to ASR ordering for all SES/TLS Services. The SES Form replaces the End User and Transport Forms previously used for SES/TLS service requests.

Each section within this guide is divided by the service/product type and its associated ASR ordering requirements.

Section 1: ERS Premier/ERS Tunnel Access UNI services [Ethernet Relay Service Premier/Ethernet Relay Service Tunnel Access Point to Point].
Section 2: EMS/EMS-RT UNI services [Ethernet Multipoint/Ethernet Multipoint Real Time].
Section 3: ERS Standard UNI services [Ethernet Relay Service Standard Point to Point].

TLS UNI Services require regional ICSC Codes for ASR Ordering. The following ICSC entries are valid for the TLS UNI Service Types:

NY01
NE01
CP88
PA70
NJ90
VW01
VE10 [Retail]

Detailed information relative to the product descriptions and the individual network attributes are provided in the Transparent LAN Service (TLS) Order Guide on the Access Ordering website via the following URL:

http://www22.verizon.com/wholesale/access/order/guide/detail/Transparent-LAN-Service-Order-Guide.html

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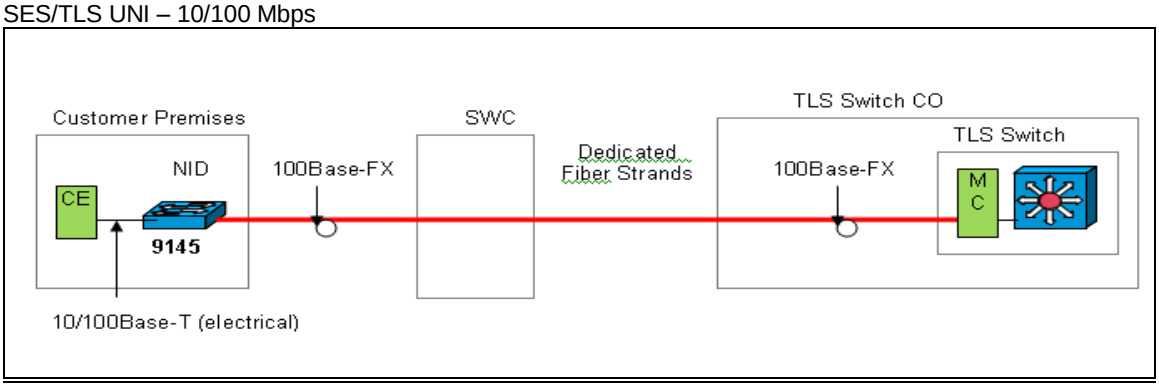
SES/TLS UNI PRODUCT DIAGRAMS

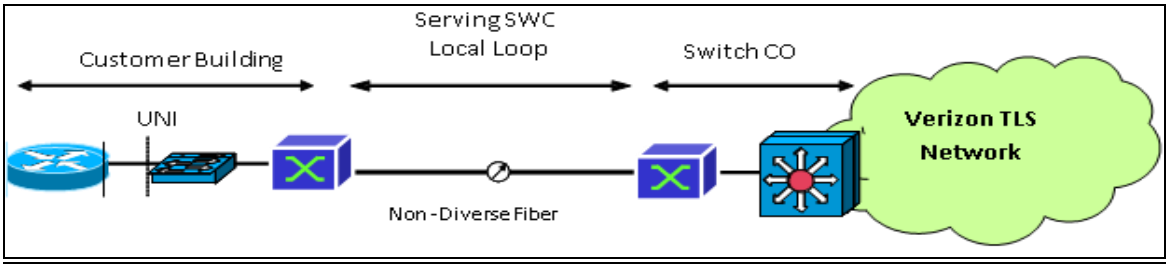
Below are basic product diagrams for the SES/TLS UNI Service configurations.

SES/TLS UNI – Switched Ethernet Service/Transparent LAN Service User to Network Interface
SES/TLS UNI – 10/100 Mbps



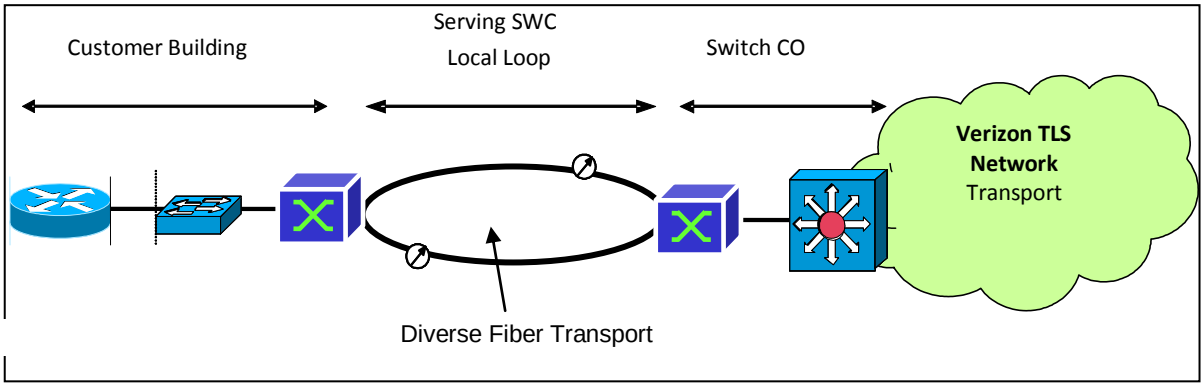
In the above figure, the NID connects to the switch via a layer 1 network that uses a layer 1 Dedicated Fiber Pair or Gigabit Passive Optical Network connection to the customer building. A single native Ethernet Interface connects the NID with the customer building, in this case with an electrical interface. Similarly, a single native Ethernet Interface connects the switch port in the switch CO.

SES/TLS UNI – Switched Ethernet Service/Transparent LAN Service User to Network Interface Optical Transport
SES/TLS UNI - Protected Non-Diverse SONET Transport Access



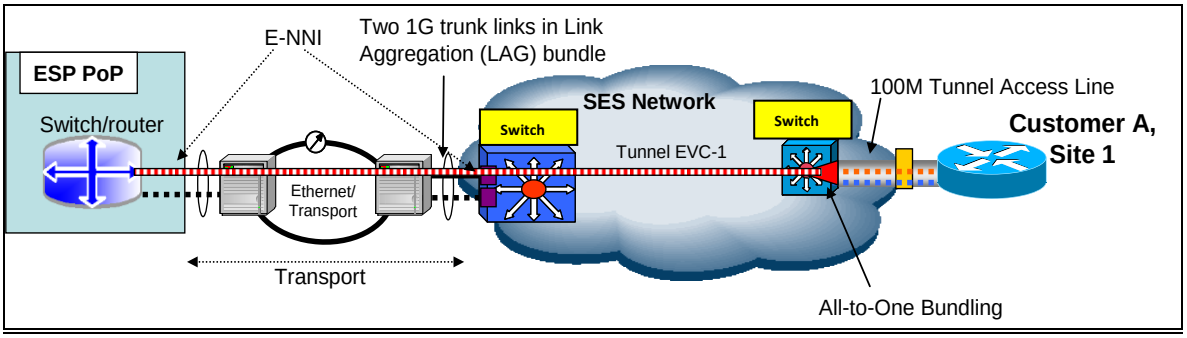
In the above figure, the NID connects to the switch via a layer 1 network that uses a layer 1 Next Generation SONET multiplexer in the customer building. A single native Ethernet Interface connects the NID with the layer 1 multiplexer in the customer building, typically using single mode fiber. Similarly, a single native Ethernet Interface connects the switch port with the layer 1 multiplexer in the switch CO [Central Office]. The NGSONET multiplexers connect together via two fiber pairs that are non-diversely routed [single path].

SES/TLS UNI - Protected Diverse SONET Transport Access



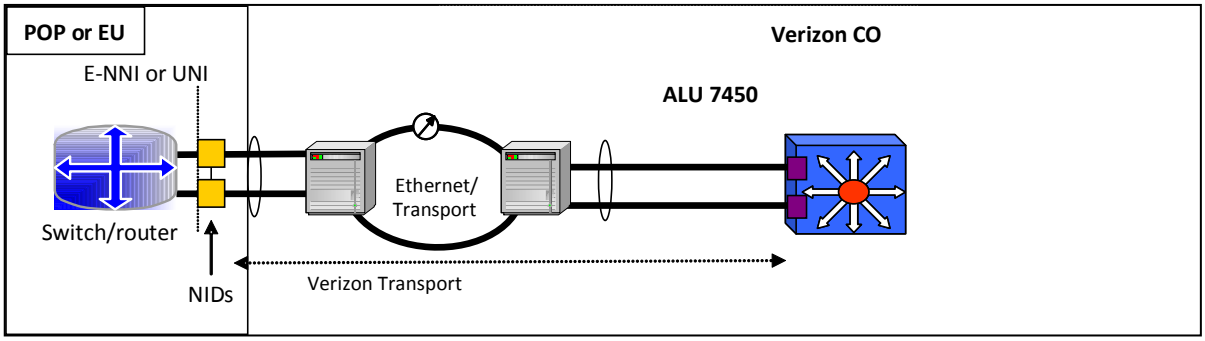
In the above figure, the NID connects to the switch via a layer 1 network that uses a layer 1 NGSONET multiplexer in the customer building. A single native Ethernet interface connects the NID with the layer 1 multiplexer in the customer building, typically using single mode fiber. Similarly, a single native Ethernet Interface connects the switch port with the layer 1 NGSONET multiplexer in the switch CO [Central Office]. The NGSONET multiplexers connect together via two fiber pairs that are diversely routed between the customer and the local serving wire center.

SES/TLS UNI – Switched Ethernet Service/Transparent LAN Service User to Network Interface
ERS Tunnel Access [VLAN Stacking/Q in Q]
SES/TLS UNI – ERS Tunnel Access



In the above figure, Tunnel EVC-1 provides the ERS Tunnel Access Service to an External Service Provider [ESP]. This example shows that a Tunnel Access Line is required at the remote customer site and that all customer VLANs are tunneled across the TLS network using an 'All-to-One Bundling' configuration at the Tunnel Access Line switch port. Since the tunnel is handed off to the ESP, the TLS network is completely transparent to the 'inner' customer VLANs. The ESP needs sophisticated equipment at their POP to process the tunnel and the customer VLANs inside.

SES/TLS UNI – Switched Ethernet Service/Transparent LAN Service User to Network Interface
ERS Premier/ERS Tunnel Access Link Aggregation [LAG]
SES/TLS UNI – ERS Premier/ERS Tunnel Access [LAG]



In the above figure, a 2x1G and 2x10G link aggregation [LAG] option for SES/TLS E-NNI & UNI port and access services is displayed. This feature/functionality allows for automatic fail-over (in < 1 second) in case of unprotected link or switch card failure. This option is referred to as 'Protected LAG' [a.k.a., 'LAG Pair'] versus 'Bundled LAG'. This scenario is where the Protected LAG pair consists of a Primary [active] circuit and a Secondary [standby] circuit.

The SES/TLS ports reside on the same switch with different cards and the customer is provided with a Canoga Perkins 9145E NID for each of the connections. Both LAG NIDs are connected together at the customer site via a Cat5E cable.

SES/TLS UNI SERVICE TYPES

Ethernet SES/TLS UNI service offers wholesale customers the choice of two different service types for their domain. Ethernet Relay Service [ERS] and Ethernet Multipoint Service [EMS].

- ERS provides point-to-point connectivity among the customer access lines within a domain.
- ERS UNIs are available in two service types, ERS Premier and ERS Standard.
- ERS Premier UNI service is also available as ERS Tunnel Access [Q in Q]
- ERS UNIs require an EVC [Ethernet Virtual Connection] for point to point functionality.
- ERS UNIs are available in either Tagged or Untagged Frame Format.
- EMS provides multipoint-to-multipoint connectivity among the customer access lines within a domain.

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FRAME FORMATTING
ERS PREMIER AND ERS STANDARD UNI SERVICES

ERS Premier and ERS Standard UNI circuits require frame formatting, ordered either as Tagged or as Untagged.

- If a customer orders Tagged Framed Format, based on that, Verizon knows where to send the data.
- An Untagged Frame Format UNI port [preconfigured to receive untagged data] inserts the tagged data, and determines the destination.
- Customers must provide whether their Ethernet frames are tagged or untagged when the UNI service is ordered.
  This frame labeling determines whether multiple types of EVCs and/or multiple Levels of Service on an EVC are permitted on a given UNI circuit.
  NOTE: ERS Tunnel Access UNI Service is only available with Tagged Frame format.

FRAME FORMATTING
EMS UNI SERVICES

EMS UNI circuits do not have frame formatting, as EMS services are multi-point to multi-point connections and do not utilize EVCs for circuit interconnection.

SERVICE INTERVALS

FIRM ORDER CONFIRMATION AND SERVICE INTERVALS – ERS PREMIER, ERS STANDARD, EMS, EMS-RT
SES/TLS UNI Service requests are eligible to be ordered as an expedited request [EXP field = Y] with the following exceptions.

ERS Premier/ERS Tunnel Access Stand Alone 10G UNI Service [EXP = BLANK].
ERS Premier/ERS Tunnel Access 1G and 10G UNI LAG Service [EXP = BLANK].

ALL FOC AND SERVICE INTERVALS ARE BUSINESS DAYS, NOT CALENDAR DAYS

SES/TLS UNI INQUIRY TO FIRM – NEW ACTIVITY
Below are the FOC Intervals for UNI Inquiry to Firm ASRs
NOTE 1: There are no Standard Service Intervals for an Inquiry ASR; the Inquiry ASR process is to determine service availability at a specific customer location only.

Service Type	ASR Activity	FOC Interval	Service Interval	Conditions
ERS Premier UNI	N = New	10 days	N/A	Facilities = YES
ERS Tunnel Access UNI	N = New	10 days	N/A	Facilities = YES
EMS/EMS-RT UNI	N = New	10 days	N/A	Facilities = YES
ERS Standard UNI	N = New	10 days	N/A	Facilities = YES
ERS Premier UNI	N = New	16 days	N/A	Facilities = NO [1] Major or Minor build
ERS Tunnel Access UNI	N = New	16 days	N/A	Facilities = NO [1] Major or Minor build
EMS/EMS-RT UNI	N = New	16 days	N/A	Facilities = NO [1] Major or Minor build
ERS Standard UNI	N = New	16 days	N/A	Facilities = NO [1] Major or Minor build

[1] Facilities = NO

There is no Standard Service Interval for an Inquiry ASR when facilities = N
Service availability is determined by Major or Minor Build conditions. If the customer requests a price quote for any construction or costs in relation to the Inquiry, an informational C/NR is sent to the customer from the provisioning system indicating a MAJOR or a MINOR build for facilities = N

EXCEPTIONS: SES/TLS UNI services are eligible for ordering under the Inquiry to Firm process with the exception of the following, which can only be ordered as Direct to Firm:

ERS UNI over SONET Optical Transport
ERS UNI/EVC Combination ASR
ERS UNI LAG – Link Aggregation

SES/TLS UNI FIRM FROM INQUIRY AND DIRECT TO FIRM – NEW ACTIVITY
Below are the FOC and Standard Service Intervals for Firm from Inquiry and Direct to Firm ASRs.

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	N = New	11 days	16 days	14 days	Facilities = YES
ERS Tunnel Access UNI	N = New	11 days	16 days	14 days	Facilities = YES
EMS/EMS-RT UNI	N = New	11 days	16 days	14 days [1]	Facilities = YES
ERS Standard UNI	N = New	11 days	16 days	14 days [1]	Facilities = YES
ERS Premier UNI	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
ERS Tunnel Access UNI	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
EMS/EMS-RT UNI	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
ERS Standard UNI	N = New	16 days	63 days	N/A	Facilities = NO Major build [2]
ERS Premier UNI	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]
ERS Tunnel Access UNI	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]
EMS/EMS-RT UNI	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]
ERS Standard UNI	N = New	16 days	37 days	N/A	Facilities = NO Minor build [2]

[1] ERS Premier UNI/ERS Tunnel Access UNI

Minimum Service Intervals [Expedite = Y] are not permitted for
ERS Premier or ERS Tunnel Access Stand Alone 10G UNI [EXP = BLANK].
ERS Premier or ERS Tunnel Access 1G and 10G UNI LAG services [EXP = BLANK].

[2] Standard Service Interval when facilities = N is determined by Major or Minor Build conditions
An informational C/NR is sent to the customer indicating a MAJOR or a MINOR build when facilities = N
MAJOR BUILD
Informational C/NR = Includes SES/TLS Verizon Switch and message: FACILITIES ARE NOT AVAILABLE. MAJOR BUILD. CONFIRMATION TO FOLLOW.
Standard Service Interval = 63 business days
MINOR BUILD
Informational C/NR = Includes SES/TLS Verizon Switch and message: FACILITIES ARE NOT AVAILABLE. MINOR BUILD. CONFIRMATION TO FOLLOW.
Standard Service Interval = 37 business days

Additional descriptions for facilities = N for MAJOR or MINOR Build is Noted below:

MAJOR BUILD	Requires equipment and/or facilities to provide ordered service [e.g., nothing exists, adding fiber, fiber terminal equipment, and power].
MINOR BUILD	Infrastructure is in place, but engineering work orders are issued for minor build such as supporting equipment, cards for equipment and/or cabling work to provide ordered service. [e.g., Adding a shelf, LGX panel, reconfigure existing drops].

UNI services eligible for ordering under the Direct to Firm process are listed below:
ERS Service Types [Standard, Premier, and Tunnel Access]
ERS UNI over SONET Optical Transport
ERS UNI/EVC Combination ASR
ERS Micro Site [ERS Premier and ERS Tunnel Access – End User Request Types only]
ERS 1G and 10G UNI Link Aggregation [ERS Premier and ERS Tunnel Access]
EMS/EMS-RT Service Type

SES/TLS UNI DIRECT TO FIRM – CHANGE ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	C = change	3 days	5 days	N/A	UNI is complete: qualifies for ACT C [1]
ERS Tunnel Access UNI	C = change	3 days	5 days	N/A	UNI is complete: qualifies for ACT C [1]
EMS/EMS-RT UNI	C = change	3 days	5 days	N/A	UNI is complete: qualifies for ACT C [1]
ERS Standard UNI	C = change	3 days	5 days	N/A	UNI is complete: qualifies for ACT C [1]

[1] UNI is complete: qualifies for ACT C - the following changes are not permitted on an ASR ACT of C
ERS UNI/EVC Combination ASR
*EMS and ERS UNI Change requests from Optical to Electrical Hand off [and the reverse]
*EMS and ERS UNI Change requests from Optical Single Mode Fiber to Optical Multi Mode Fiber [and the reverse]
EMS and ERS UNI Port Speed Changes
EMS and ERS UNI Rearrangement - Inside Move [ED Request Types only]
ERS UNI 1G and 10G LAG Services [at the present time]
*NOTE 1: These change requests are not automated under ASR ACT of C and must be submitted under the Add over Disconnect Related PON process [AOD RPON related D and N ACT ASRs] requiring manual intervention.

SES/TLS UNI DIRECT TO FIRM – D AND N ACTIVITY [ADD OVER DISCONNECT- RPON]
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	D and N AOD	3 days	6 days [1]	N/A	UNI qualifies for AOD RPON [2]
ERS Tunnel Access UNI	D and N AOD	3 days	6 days [1]	N/A	UNI qualifies for AOD RPON [2]
EMS/EMS-RT UNI	D and N AOD	3 days	6 days [1]	N/A	UNI qualifies for AOD RPON [2]
ERS Standard UNI	D and N AOD	3 days	6 days [1]	N/A	UNI qualifies for AOD RPON [2]

[1] Service Intervals for Disconnect and New [AOD RPON] Activity

Service Interval = 6 Business Days [when facility reuse is confirmed]
Service Interval = Greater than 6 business days [when facility reuse is not feasible]

[2] UNI qualifies for AOD RPON - the following service requests are not permitted on ASR ACT of D and ASR ACT of N
[AOD RPON]
ERS UNI/EVC Combination ASR
EMS and ERS UNI Change requests cared for under CHANGE ACTIVITY
EMS and ERS Rearrangement - Inside Move requests cared for under MOVE ACTIVITY
ERS UNI 1G and 10G LAG Services

SES/TLS UNI DIRECT TO FIRM – RECORD ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]
ERS Tunnel Access UNI	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]
EMS/EMS-RT UNI	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]
ERS Standard UNI	R = Record	1 day	2 days	N/A	VTA or FUSF changes [1]

[1]1 VTA or FUSF changes - the following service requests are the only two permitted on an ASR ACT of R
VTA change [term plan agreement]
FUSF change [Federal exemption]

SES/TLS UNI DIRECT TO FIRM – DISCONNECT ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	D = Disconnect	3 days	4 days	N/A	UNI is complete
ERS Tunnel Access UNI	D = Disconnect	3 days	4 days	N/A	UNI is complete
EMS/EMS-RT UNI	D = Disconnect	3 days	4 days	N/A	UNI is complete
ERS Standard UNI	D = Disconnect	3 days	4 days	N/A	UNI is complete

SES/TLS UNI DIRECT TO FIRM – MOVE ACTIVITY
Below are the FOC and Standard Service Intervals for Direct to Firm ASRs

Service Type	ASR Activity	FOC Interval	Service Interval	Expedite Minimum Interval	Conditions
ERS Premier UNI	M = Inside Move	3 days	6 days	N/A	UNI qualifies for M Activity [1]
ERS Tunnel Access UNI	M = Inside Move	3 days	6 days	N/A	UNI qualifies for M Activity [1]
EMS/EMS-RT UNI	M = Inside Move	3 days	6 days	N/A	UNI qualifies for M Activity [1]
ERS Standard UNI	M = Inside Move	3 days	6 days	N/A	UNI qualifies for M Activity [1]

[1] UNI qualifies for M Activity – the following service types are eligible for ASR ACT = M [Rearrangement Inside Move]
ERS UNI - ED [End User Request Type]
EMS UNI – ED [End User Request Type]
[1] UNI qualifies for M Activity - the following service requests are not permitted on an ASR ACT of M regardless if Request Type is ED [End User]
ERS UNI/EVC Combination ASR
EMS and ERS UNI Change requests for Service Type, Frame Format, Interface, and Handoff
EMS and ERS UNI Port Speed Changes
ERS UNI 1G and 10G UNI LAG Services

JOB AID 1

ASR REQUIREMENTS – INQUIRY PROCESS
SES/TLS UNI TYPES – ERS PREMIER, ERS TUNNEL ACCESS, ERS STANDARD, EMS, EMS- RT

Below are the Product Specific ASR screens and field entries for the SES/TLS UNI Inquiry Process.
ASOG fields are required in addition to product specific fields.
ASR REQUIREMENTS – INQUIRY PROCESS [Inquiry to Firm Process]
NOTE 1: ASR Service Inquiry ASRs require the Request Type: of EA [End User], SA [Network User]

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required
SPEC	Required	**Service and Product Enhancement Code** Valid SPEC Codes are defined under each SES/TLS UNI section of this document. NOTE: Corridor SPEC Codes are only valid on ASRs with an ICSC of NY01 or NJ90 [LATA 132 or LATA 224].	N-Required
REQ TYPE	EA, SA	**Requisition Type and Status** Second character of "A" indicates Inquiry request. EA = End User SA = Network User	N-Required
EXP	BLANK	**Expedite** Expedite is not permitted on an Inquiry ASR	N-Prohibited
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for UNI services. Y = Yes for Early Date Acceptance BLANK = No for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon.	N-Optional
QSA	01	**Quantity Service Address Location Information** E Request Type: Generates address location page for End User requests	N-Required for EA Req Type
BAN	E or POPULATED Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** E = Existing POPULATED = Customer BAN <u>BAN = E</u> Indicates an existing customer TLS BAN: Verizon ordering system searches the wholesale billing system for an existing customer BAN in the appropriate LATA associated to the UNI. If an existing BAN is found, it is populated in the BAN field. <u>POPULATED BAN:</u> Indicates a customer specific TLS BAN: Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system associated to the UNI, replaces the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. <u>Valid BANS:</u> The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	N-Required
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** S Request Type: 11 character CLLI code of customer POP location. ACTL cannot be Collocated	N-Required for SA Req Type

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
QTY	01	**Quantity** Valid values 01 = Stand-alone UNI.	N – Required
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required
SEI	Y	**Switched Ethernet Indicator** Valid value = Y SEI Indicator is required for all SES/TLS UNI service requests.	N-Required
RMKS	Optional	**Remarks** Additional information from customer.	N-Optional
ASR ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADM SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required
PNUM	FB Contract ID	**Promotion Number** **Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See associated ASR Order Matrix for each UNI service type and speed to determine the applicable NC Code.	N-Required
NCI	Network Channel Interface	**Network Channel Interface Code** See associated ASR Order Matrix for each UNI service type and speed to determine the applicable NCI Code.	N-Required
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See associated ASR Order Matrix for each UNI service type and speed to determine the applicable SECNCI Code.	N-Required
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch CLLI = Customer preferred TLS Switch BLANK: Verizon to assign CLLI [11 characters]: Customer preferred TLS Switch. NOTE 1: There is no “C” populated prior to the CLLI for the ESP field. Eleven characters only. NOTE: This field replaces the SECLOC field previously available on the End User and Transport ASR forms for TLS Switch CLLI entry	N-Optional
RMKS	Optional	**Remarks** Additional information from customer.	N-Optional
SALI	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SERVICE ADDRESS FORM [END USER ONLY]**		
AFT	E	**Address Format Type** Identifies the format of the address being supplied. Value = E Optional E = remote location with assigned CLLI. AFT field value of E is permitted when the SASN field on the SALI Form is NOT populated	N-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
LD	Fields include LD1, LD2, LD3	**Location Designator** Identifies additional specific information related to the service address [e.g. building, floor, room]. LD values are sub locations to the physical premise address.	N-Optional
LV	Fields include LV1, LV2, LV3	**Location Value** Identifies the value associated with the location designator of the service address [e.g. rear, 12, data]. LV values are consistent with the LD entries for the sub location of the physical premise address NOTE 1: LV field population required when associated LD field is populated	N-Optional
AAI	Example: See guard for access	**Additional Address Information** Descriptive text relative to the service address	N-Optional
JS	D	**Jack Status** Valid value = D D is the only valid entry for SES/TLS UNI services	N-Required
LCON EMAIL	Example: john.s.doe@ABC.com	**Local Contact Electronic Mail Address** Email address of Local Contact. Optional when LCON field is populated.	N-Optional
AALCON TEL	Example: 1-800-888-88888	**Additional Alternate Local Contact Telephone Number** Alternate telephone number associated with the alternate local contact. Optional when the ALCON field is populated.	N-Optional
ALCON EMAIL	Example: joe.e.smith@ABC.com	**Alternate Local Contact Electronic Mail Address** Email address of Alternate Local Contact. Optional when ALCON field is populated.	N-Optional

ERS PREMIER AND ERS TUNNEL ACCESS UNI SECTION

This portion of the Ordering Guide is exclusive to the ERS Premier and ERS Tunnel Access UNI Service Types. The service attributes applicable to the ERS Premier and ERS Tunnel Access Service Types are listed below in the SERVICE ELIGIBILITY Section.

ETHERNET RELAY SERVICE
ERS PREMIER AND ERS TUNNEL ACCESS UNI

ERS [Ethernet Relay Service]
ERS provides point-to-point circuit connectivity between a customer's access lines within the same customer domain or Management VLAN user group. ERS Premier and ERS Tunnel Access UNIs provide two types of UNI attributes and various levels of service transmissions via an EVC [Ethernet Virtual Circuit].

ERS Premier UNI services are available in two service classes – ERS Premier and ERS Tunnel Access.

ERS Premier UNIs are available in speeds of 10M, 100M, 1G, and 10G.

ERS Tunnel Access UNIs are available in speeds of 10M, 100M, 1G and 10G.

SERVICE ELIGIBILTY

ERS Premier & ERS Tunnel Access UNIs are eligible for:

- Point to Point EVC connections
- EVPLAN EVC connections [ERS Premier Tagged Only – N/A to ERS Tunnel Access]
- Inquiry to Firm or Direct to Firm
- Micro Site Service
- Protected [Diverse or Non-Diverse] on a Firm ASR
- Northern Corridor UNIs [East Only].
- Recommended or Preferred TLS Switch on a Firm ASR
- EVC connections to ERS Premier UNI, ERS Tunnel Access UNI, or ENNI circuits in the same customer domain and LATA
- UNI/EVC Combination ASR on a Firm ASR
- PING the NID on a Firm ASR
- Optical Interface [Single Mode or Multi Mode handoff for all Port Speeds except 10M]
- TSP [Telecommunications Service Priority] on a Firm ASR
- Port Speed Changes
- Inside Moves [Request Type of ED only under specific conditions]
  - Existing EVCs are automatically reconnected to the UNI for Inside Moves
- Expedite requests [EXP field = Y] where permitted
- UNI LAG Services [Link Aggregation] for 1G and 10G Port speeds.
  - LAG Services require a Custom BID Case # [populated in the CNO ASR field]

NOTE 1: ERS Tunnel Access UNI service type is eligible for ONE Point to Point EVC.
NOTE 2: ERS Tunnel Access EVC cannot be connected to another ERS Tunnel Access UNI
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JOB AID 2

ERS PREMIER AND ERS TUNNEL ACCESS UNI ASR REQUIREMENTS [FIRM]

Below are the applicable screens for the ERS Premier and ERS Tunnel Access UNI for Firm from Inquiry or Direct Firm ASRs for the E and S request types.
ASOG fields and BAU fields are required in addition to the TLS ERS UNI product specific fields.
Note 1: ASR Requirements for the UNI/EVC Combination ASR include the screens and fields below and the additional EVC screens and fields following the UNI ASR requirements.

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required R-Required C-Required M-Required D-Required
SPEC	ERS Premier TLSERP TLSERC TLSERM TLSERCM TLSMLPC ERS Tunnel Access ERSPT ERSPTC ERSTAM ERSTACM TLSMLGT TLSMLTC	**Service and Product Enhancement Code** ERS Premier TLSERP = ERS Premier TLSERC = ERS Premier Corridor Service. TLSERM = ERS Premier Micro Site TLSERCM = ERS Premier Micro Site Corridor Service TLSMLGP = ERS Premier LAG TLSMLPC = ERS Premier LAG Corridor Service ERS Tunnel Access ERSPT = ERS Tunnel Access ERSPTC = ERS Tunnel Access Corridor Service. ERSTAM = ERS Tunnel Access Micro Site ERSTACM = ERS Tunnel Access Micro Site Corridor Service TLSMLGT = ERS Tunnel Access LAG TLSMLTC = ERS Tunnel Access LAG Corridor Service Corridor SPEC Codes are only applicable for service requests denoting Northern Corridor [NY/NJ] With an ICSC of NY01 or NJ90 [LATA 132 or LATA 224].	N-Required R-Required C-Required M-Required D-N/A
TSP	Telecommunications Service Priority ID	**Telecommunications Service Priority** 12 character code required. 1st – 9th characters = TSP Control ID [computer generated number used for government tracking purposes]. 10th character = a hyphen. 11th and 12th characters = the TSP Priority Code.	N-Optional R-Required if TSP present on CSR C-Required if TSP present on CSR M-Required if TSP present on CSR D-N/A
REQ TYPE	EC, ED SC, SD	**Requisition Type and Status** E = End User S = Network User C in second position of REQ TYPE indicates a Firm from Inquiry request D in second position of REQ TYPE indicates a Direct Firm request NOTE: SC, SD Request Type is not applicable to Micro Site UNI	N-Required R-Optional C-Optional M-Required D-N/A

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
FDT	Example: E05P07P	**Frame Due Time** FDT components require a Time Zone and a time range when the customer is requesting a change be implemented during a specific time period. E = Eastern Time Zone 05P = 5:00 PM [begin time of range] 07P = 7:00 PM [end time of range]	N-Not applicable C-*Optional R-Not applicable M-Prohibited D-Prohibited * For ERS UNI changes this field is optional. If field is BLANK, change is done at the discretion of Verizon provisioning.
EXP	Y or BLANK	**Expedite** Expedite services are optional for UNI services. Valid values Y = Yes for Expedite BLANK = No expedite NOTE 1: Prohibited for 10G UNI service request. NOTE 2: Prohibited when EDA field is populated. NOTE 3: Prohibited when UNI service request is LAG.	N-Optional for Stand-alone N-Prohibited for LAG & 10G R-N/A C-N/A M-N/A D- N/A
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for UNI services. Valid values Y = Yes for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon. BLANK = No for Early Date Acceptance NOTE 1: Prohibited when EXP field is populated.	N-Optional R-N/A C-N/A M-N/A D- N/A
QSA	01	**Quantity Service Address Location Information** EC/ED: Generates address page for End User requests. QSA field does not apply to SD request types.	EC/ED: N-Required R-Required C-Required M-Required D-N/A SC/SD: N/A for all ASR Activity
BAN	N, E or Populated Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** N = New E = Existing Populated = Customer BAN <u>BAN = N</u> Verizon ordering system sends customer billing data to wholesale billing system to create a new BAN <u>BAN = E</u> Indicates an existing BAN: Verizon ordering system searches the wholesale billing system for an existing customer BAN in the appropriate LATA. If an existing BAN is found, it is populates in the BAN field. <u>Populated BAN:</u> Indicates a customer specific BAN: Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system, replaces	N-Required R-Required C-Required D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
BAN		the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. Valid BANS: The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	
QTY	01 or 02	**Quantity** Valid values 01 = Stand-alone UNI Stand-alone UNI - Quantity of 01 required when UNI is a stand-alone circuit. 02 = LAG UNI LAG UNI – Quantity of 02 required when UNI is a LAG Service Request.	N-Required R-Required [01] R-N/A [02] C-Required [01] C-N/A [02] M-N/A D-Required Current requirements for UNI LAG do not include R and C Activities.
AFO	BLANK or Y	**Additional Forms** Valid values BLANK = Customer is not ordering LAG. NOTE 1: AFO must be BLANK when QTY = 01 Y in 1st position of field = Customer is ordering LAG NOTE 2: AFO must be Y in 1st position of field when QTY = 02 for Link Aggregation	N-Required R-N/A C-N/A D-N/A
LAG	BLANK or N	**Link Aggregation Group** Valid values BLANK = Customer is not ordering LAG. NOTE 1: LAG must be BLANK when QTY = 01 N = Customer is ordering LAG. NOTE 2: LAG must be N when QTY = 02	N-Required R-N/A C-N/A M-N/A D-N/A
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** SC/SD Request Type: 11 character CLLI code of customer POP location. ACTL cannot be Collocated	SC/SD: N-Required R-Required C-Required M-Required D-N/A
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional R-Optional C-Optional M-Optional D-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required R-Required C-Required M-Required D-Prohibited
EVCI	B or BLANK	**Ethernet Virtual Connection Indicator** Valid values B = UNI/EVC Combination ASR NOTE 1: B is the only valid entry and is required for UNI/EVC Combination ASR. Generates the EVC Screen Pages BLANK = Stand Alone UNI ASR or UNI LAG NOTE 2: BLANK is the only valid entry for UNI LAG. UNI LAG is not eligible for the UNI/EVC Combination ASR.	N-Optional for Stand-alone N-Prohibited for LAG R-Prohibited C-Prohibited M- Prohibited D-Optional D-Prohibited for LAG

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
SEI	Y	**Switched Ethernet Indicator** Valid value Y = SEI Indicator is required for all SES/TLS UNI service requests. Generates the SES Form.	N-Required R-Required C-Required M-Required D-Required
RPON	Related PON Name	**Related Purchase Order Number** Required on ASR when customer is requesting a Port Speed Change to the UNI	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required

CNO	BLANK or POPULATED	**Case Number**
		Custom Bid Case Number.
		
		Valid values
		BLANK = Customer BID Case # is no longer required for all 10G UNI requests.
		POPULATED = Customer Bid Case #
		Customer BID Case # is required for 1G and 10G UNI LAG service requests.
		NOTE: Customer must attend a pre-planning session with Verizon for 1G and 10G UNI LAG Services.
		
		Format:
		YYYY-6 digits
		Example:
		2014-123456
			N-Optional for Stand-alone
			N-Required for LAG
			R-Prohibited
			C-Prohibited
			M-Prohibited
			D-N/A

RMKS	Optional	**Remarks** Additional information from customer Customer may indicate what is being ordered. [Example: 1000M/1G ERS Premier TLS Circuit]	N-Optional R-Optional C-Optional M-Optional D-Optional
ASR ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADMIN SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required R-Required C-Required M-Required D-Required
FUSF	E or N	**Federal Universal Service Fee** Valid values E = Exempt N = Non-exempt	N-Required R-Optional C-Required M-Prohibited D-N/A
VTA	BLANK, Variable, 36, or 60	**Variable Term Agreement** Valid values BLANK = Month to Month Variable = non-standard contracted term [in months] 36 = 3 year term pricing plan 60 = 5 year term pricing plan	N-Required R-Required C-Required M-N/A D-N/A
PNUM	FB Contract ID	**Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required R-Optional C-Required M-Required D-N/A.

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See ERS Premier and ERS Tunnel Access UNI ASR Order Matrix JOB AID 3	N-Required R-Optional C-Required M-Required D-N/A.
NCI	Network Channel Interface	**Network Channel Interface Code** See ERS Premier and ERS Tunnel Access UNI ASR Order Matrix JOB AID 3	N-Required R-Optional C-Required M-Required D-N/A.
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See ERS Premier and ERS Tunnel Access UNI ASR Order Matrix JOB AID 3	N-Required R-Optional C-Required M-Required D-N/A.
SR	BNN or BLANK	**Special Routing Code** Valid values BNN = Diverse Special Routing BLANK = Non Diverse Routing ASR ACT = N, R, C NOTE 1: SR field entry only valid when 4th position of the NC Code = P NOTE 2: Determines diverse or non-diverse application to the SES/TLS Protected Transport. NOTE 3: When SR field is populated on ASR ACT = N, SR field population is required for all subsequent ASR activity. NOTE 4; When SR field is blank on ASR ACT = N, SR field is required to remain BLANK for all subsequent ASR activity.	N-Optional R-Optional C-Optional M-Prohibited D-N/A
LAG-P	AS or BLANK	**Link Aggregation Group Protection** Valid values AS = Active/Standby Entry of AS is required when ASR SPEC = TLSMLGP TLSMLPC TLSMLGT TLSMLTC The LAG field = N and QTY field = 02. NOTE 1: Entry of AS is only permitted when ASR is UNI LAG for all subsequent activities. BLANK = No LAG NOTE 1: LAG-P field is BLANK when LAG is not being ordered and QTY field = 01	N-AS Required R-N/A C-N/A M-N/A D-N/A Current requirements for UNI LAG do not include R and C Activities.
IP ADDRESS	Example: 123.52.156.8	**Internet Protocol Address** IP ADDRESS is an optional service offering. Entry required when customer is ordering PING the NID or changing IP Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
IPAI	4	**Internet Protocol Address Identifier** IPAI is an optional service offering. Valid value = 4 Entry required from customer when ordering PING the NID or changing IP Address or Subnet Mask Address	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
SUBNET MASK	Example: 456.55.156.9	**Subnet Mask** SUBNET MASK Address is an optional service offering. Entry required from customer when ordering PING the NID or changing Subnet Mask Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch – Verizon to assign CLLI = CLLI [11 characters]: Customer preferred TLS Switch. NOTE 1: There is no “C” populated prior to the CLLI for the ESP field. Eleven characters only. NOTE: This field replaces the SECLOC field previously available on the End User and Transport ASR forms for TLS Switch CLLI entry	N-Optional R-Optional C-Optional M-Prohibited D-N/A
RMKS	Optional	**Remarks** Additional Customer Information	N-Optional R-Optional C-Optional M-Optional D-Optional
SALI	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SERVICE ADDRESS FORM [END USER ONLY]**		
AFT	E	**Address Format Type** Identifies the format of the address being supplied. Value = E Optional E = remote location with assigned CLLI. AFT field value of E is permitted when the SASN field on the SALI Form is NOT populated	N-Optional R-N/A C-N/A M-N/A D-N/A
LD	Fields include LD1, LD2, LD3	**Location Designator** Identifies additional specific information related to the service address [e.g. building, floor, room]. LD values are sub locations to the physical premise address.	N-Optional R-N/A C-Optional M-Required D-N/A
LV	Fields include LV1, LV2, LV3	**Location Value** Identifies the value associated with the location designator of the service address [e.g. rear, 12, data]. LV values are consistent with the LD entries for the sub location of the physical premise address NOTE 1: LV field population required when associated LD field is populated	N-Optional R-N/A C-Optional M-Required D-N/A
AAI	Example: See guard for access	**Additional Address Information** Descriptive text relative to the service address	N-Optional R-N/A C-Optional M-Optional D-N/A

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
JS	D	**Jack Status** Valid value = D D is the only valid entry for SES/TLS UNI services	N-Required R-Optional C-Required M-Required D-N/A
LCON EMAIL	Example: john.doe@ABC.com	**Local Contact Electronic Mail Address** Email address of Local Contact. Optional when LCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
AALCON TEL	Example: 1-800-888-88888	**Additional Alternate Local Contact Telephone Number** Alternate telephone number associated with the alternate local contact. Optional when the ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
ALCON EMAIL	Example: joe.smith@ABC.com	**Alternate Local Contact Electronic Mail Address** Email address of Alternate Local Contact. Optional when ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
THE FOLLOWING ASR SCREENS ARE GENERATED WHEN EVCI FIELD IS POPULATED WITH B [EVCI = B]			
THE FOLLOWING DATA IS REQUIRED ON THE FIRST EVC SCREEN FORM FOR A UNI/EVC COMBINATION ASR EVCI FIELD ON UNI ASR PAGE = B [Page 1 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC01 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Customer EVC number: Identifies a unique customer provided number associated with the Ethernet Virtual Connection.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
NC	Network Channel	**Network Channel Code** See EVC Point to Point ASR Order Matrix JOB AID 5. Required when NUT field is populated, otherwise prohibited.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Conditional
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Valid values BLANK ASR ACT = N Verizon ordering system generates the EVCID. The EVCID is provider assigned. POPULATED = ACT D EVCID Example: 32.VLXP.111111..NY EVCID is required when a customer submits an UNI/EVC Combo ASR to disconnect a physical circuit and the associated virtual circuit.	N-N/A R-Prohibited C-Prohibited M-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Valid value 02 = ASR ACT = N 02 or BLANK = ASR ACT = D ASR ACT = N Value of 02 indicates Point to Point EVC. Required and reflects the number of UNI/ENNI termination occurrences being affected by the UNI/EVC service request.	N-Required C-Prohibited R-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
NUT		ASR ACT = D Value of 02 indicates Point to Point EVC. NOTE: Population is Optional. When NUT field is populated with 02, other required fields in the UNI Mapping Detail Section must be populated. BLANK When NUT field is BLANK then no other fields in the UNI Mapping Detail Section are required.	
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Identifies the customer circuit ID of the Ethernet Virtual Circuit within the customer network	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
UREF	01	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for first circuit [RUID 1] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 1: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending UNI circuit information ordered on the UNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the UNI/EVC combination ASR and the associated RUID 1 and other required fields in the UNI Mapping Detail Section on EVC Page 1 are BLANK. The information on the EVC page where the AUNT field is populated represents the attributes of the UNI circuit being ordered on the combination ASR.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Prohibited
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Identifies the activity that is taking place at the UNI termination point, and references the activity type of the EVC. Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N UACT = N when NUT field = 02	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional K- Conditional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
UACT		ASR ACT = D UACT entry is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1. UACT = K: K usage is conditional. Entry of K is not permitted on initial issuance of an EVC request. This entry is only valid on a SUPP to cancel.	
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 5. ASR ACT = N NCI Code references the Frame Format of the UNI circuit populated in RUID 1 field on EVC Pg 1 or the pending UNI circuit when the AUNT field = “A”. ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCSP	TLS UNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI termination. Valid values BLANK POPULATED ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI circuit populated in the RUID 1 field on EVC Page 1. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = “A”, the Verizon ordering system populates the EVCSP field associated to the new UNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against the current Customer Service Record of the UNI. If the data retrieved is different from the customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Page 1.	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** See EVC Activity Table JOB AID 6 Valid values N = New ASR ACT = N N – New is required when CE-VLAN field is populated with customer preferred VLAN-ID.	N-Conditional R-N/A C-N/A M-Prohibited D-Prohibited

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
VACT		BLANK ASR ACT = N Value = BLANK is required when CE-VLAN field is not populated. ASR ACT = M, D Prohibited.	
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Example: 0123 Valid value POPULATED ASR ACT = N POPULATED = 4 numeric sequence in 1st CE-VLAN field. Population of this field indicates customer is ordering a preferred EVC VLAN ID [VLAN Translation]. NOTE 1: When populated, the same CE-VLAN data is required on all EVC pages of the ASR. NOTE 2: Customer CE-VLAN population is permitted when both RUIDs are Tagged, both RUIDs are Untagged, or one RUID is Tagged and one RUID is Untagged. EXCLUDES ERS Tunnel Access UNIs ASR ACT = N BLANK = Customer is not ordering a preferred EVC VLAN ID NOTE 1: CE-VLAN field must be BLANK when one RUID is an ENNI Port Only circuit that does not have a NID, or when one RUID is an ERS Tunnel Access UNI. NOTE 2: When CE-VLAN field is BLANK, Verizon assigns the EVC VLAN ID and returns the ID to the customer on the FOC. ASR ACT = M, D Prohibited.	N-Conditional R-N/A C-N/A M-Prohibited D-Prohibited
RUID	Example: 32.KFGS.123456..NY	**Related UNI/ENNI Identifier** Identifies the TLS UNI or ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 1 field are as follows: ASR ACT = N RUID 1 must be the first UNI from which the EVC is being mapped NOTE 1: Population of RUID 1 field is required when the AUNT field = BLANK. Population of the RUID 1 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on a UNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 1 and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the RUID 1 and	N-Conditional R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
RUID		other fields on the UNI Mapping Detail Section are required on EVC Page 1	
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Identifies the Level of Service Reference Number Each LREF line carries the required information for the Level of Service and Bandwidth associated to the EVC connection. ASR ACT = N NOTE 1: When a single Level of Service and single Bandwidth is requested all customer data is input on LREF 1. When multiple Levels of Service and multiple Bandwidth configurations are being requested, each one is listed on a subsequent LREF line [LREF 2 and LREF 3]. NOTE 2: LREF data populated on EVC Page 1 must be the same data populated on EVC Page 2 ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the LREF and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the LREF and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Identifies the activity for the level of service as part of the EVC configuration. See EVC Activity Table JOB AID 6 for valid LOSACT activities Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N N = New is required when the associated LREF field is populated. ASR ACT = D Optional D = Disconnect is required when the NUT field = 02, and LREF field is populated. Then LOSACT entry of D and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When the NUT field = BLANK and the LREF field is not populated, then no LOSACT field entry is required in the UNI Mapping Detail Section on EVC Page 1. LOSACT = K K = Cancel is only allowed on a SUPP.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOS	BASIC, PD, RT	**Level of Service Name** Identifies a name for a provider-defined level of service performance associated with the Ethernet product offering. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 7	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
LOS		Valid values BASIC PD = PRIORITY DATA RT = REAL TIME ASR ACT = N NOTE 1: One entry per LREF line permitted for UNI/EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when BDW field is populated. ASR ACT = D Optional NOTE 1: When NUT field is populated with 02, and LOSACT field is populated, then LOS entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK and the LOSACT field is not populated, then no LOS field entry is required in the UNI Mapping Detail Section on EVC Pg 1.	
BDW	EXAMPLE: 10M	**Bandwidth** Identifies the bandwidth rate defined by the Level of Service. Data and is a numeric entry in megabits only. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 7 ASR ACT = N NOTE 1: One entry per LREF line permitted for UNI/EVC requests NOTE 2: More than one entry per LREF section is dependent on RUID Service Type [Multiple LOS]. NOTE 3: Required when LOSACT field is populated. NOTE 4: Required when LOS field is populated. ASR ACT = D Optional NOTE 1: When NUT field = 02, and LOS field is populated, then BDW entry and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field = BLANK and the LOS field is not populated, then no BDW field entry is required in the UNI Mapping Detail Section EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R- Prohibited C- Prohibited M-Prohibited D-Optional
PG_of_	Page ___of ___	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 1 of 0 0 2	System generated.

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
THE FOLLOWING DATA IS REQUIRED ON THE SECOND EVC SCREEN FORM FOR A UNI/EVC COMBINATION ASR EVCI FIELD ON UNI ASR PAGE = B [Page 2 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC02 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
NC	Network Channel	**Network Channel Code** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Conditional
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Data must be the same as populated on EVC Pg 1	N- Prohibited R-Prohibited C-Prohibited M-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Data must be the same as populated on EVC Page 1	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
UREF	02	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI or ENNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for second circuit [RUID 2] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 2: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Pg 2. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Pg 2	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending UNI circuit information ordered on the UNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the UNI/EVC combination ASR and the associated RUID 2 and other required fields in the UNI Mapping Detail Section on EVC Page 2 are BLANK. NOTE 2: If AUNT field is populated with an "A" on EVC01 Page for UREF01 information, then the AUNT field on the EVC02 page for the UREF02 information must be BLANK.	N-Required C-Prohibited R-Prohibited M-Prohibited D-Prohibited
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Data must be the same as populated on EVC Pg 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional K-Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 5. ASR ACT = N NCI Code references the Frame Format of the UNI or ENNI circuit populated in RUID 2 field on EVC Page 2 or the NCI Code of the pending UNI circuit when the AUNT field = "A". ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Page 2.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCSP	TLS UNI or ENNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI or ENNI termination. [TLS Switch CLLI associated to the circuit ID [RUID 2]. ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI or ENNI circuit populated in the RUID 2 field on EVC Page 2. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new UNI or ENNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against the current Customer Service Record of UNI or ENNI. If the data retrieved is different from the customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 2. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Pg 2.	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** Data must be the same as populated on EVC Page 1	N-Conditional R-N/A C-N/A M-N/A D-Prohibited
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Data must be the same as populated on EVC Pg 1	N-Conditional R-N/A C-N/A M-N/A D-Prohibited
RUID	Example: 32.KEGS.111111..NY	**Related UNI/ENNI Identifier** Identifies the TLS UNI or ENNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 2 field are as follows: ASR ACT = N RUID 2 must be the second UN or /ENNI to which the EVC is being mapped. NOTE 1: Population of RUID 2 field is required when the AUNT field = BLANK. Population of the RUID 2 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on a UNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 2 and other fields in the UNI Mapping Detail Section are not required on EVC Page 2. NOTE 2: When the NUT field is populated the RUID 2 and other fields on the UNI Mapping Detail Section are required on EVC Page 2	N-Conditional C-Prohibited R-Prohibited M-Prohibited D-Optional
LREF	Example: LREF 1 LREF 2 LREF 3	**Level of Service Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOS	BASIC, PD, RT	**Level of Service Name** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
BDW	EXAMPLE: 10M	**Bandwidth** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN & FIELD	ENTRY	NOTES	ASR ACTIVITY TYPE
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
PG_of_	Page ___of ___	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 2 of 0 0 2	System generated

JOB AID 3

ERS PREMIER AND ERS TUNNEL ACCESS UNI ASR ORDER MATRIX
NC/NCI/SECNCI/SPEC CODE & SPECIAL ROUTING ORDERING CODES

* SMF = SINGLE MODE FIBER, **MMF = MULTI MODE FIBER

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS PREMIER TAGGED					
ERS Premier 10M Electrical	KDE-	04LN9.10T	02CXF.10	TLSERP TLSERM	N/A
ERS Premier 10M Electrical Corridor	KDE-	04LN9.10T	02CXF.10	TLSERC TLSERCM	N/A
ERS Premier 10M Electrical Protected Diverse	KDEP	04LN9.10T	02CXF.10	TLSERP TLSERM	BNN
ERS Premier 10M Electrical Protected Diverse Corridor	KDEP	04LN9.10T	02CXF.10	TLSERC TLSERCM	BNN
ERS Premier 10M Electrical Protected Non Diverse	KDEP	04LN9.10T	02CXF.10	TLSERP TLSERM	BLANK
ERS Premier 10M Electrical Protected Non Diverse Corridor	KDEP	04LN9.10T	02CXF.10	TLSERC TLSERCM	BLANK
ERS Premier 100M Electrical	KEE-	04LN9.1CT	02CXF.100	TLSERP TLSERM	N/A
ERS Premier 100M Electrical Corridor	KEE-	04LN9.1CT	02CXF.100	TLSERC TLSERCM	N/A
ERS Premier 100M Electrical Protected Diverse	KEEP	04LN9.1CT	02CXF.100	TLSERP TLSERM	BNN
ERS Premier 100M Electrical Protected Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	TLSERC TLSERCM	BNN
ERS Premier 100M Electrical Protected Non Diverse	KEEP	04LN9.1CT	02CXF.100	TLSERP TLSERM	BLANK
ERS Premier 100M Electrical Protected Non Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	TLSERC TLSERCM	BLANK
ERS Premier 100M Optical *SMF	KEE-	02LNF.A02	02CXF.100	TLSERP TLSERM	N/A
ERS Premier 100M Optical *SMF Corridor	KEE-	02LNF.A02	02CXF.100	TLSERC TLSERCM	N/A
ERS Premier 100M Optical *SMF Protected Diverse	KEEP	02LNF.A02	02CXF.100	TLSERP TLSERM	BNN
ERS Premier 100M Optical *SMF Protected Diverse Corridor	KEEP	02LNF.A02	02CXF.100	TLSERC TLSERCM	BNN
ERS Premier 100M Optical *SMF Protected Non Diverse	KEEP	02LNF.A02	02CXF.100	TLSERP TLSERM	BLANK
ERS Premier 100M Optical *SMF Protected Non Diverse Corridor	KEEP	02LNF.A02	02CXF.100	TLSERC TLSERCM	BLANK
ERS Premier 100M Optical **MMF	KEE-	02LNF.A04	02CXF.100	TLSERP TLSERM	N/A
ERS Premier 100M Optical **MMF Corridor	KEE-	02LNF.A04	02CXF.100	TLSERC TLSERCM	N/A
ERS Premier 100M Optical **MMF Protected Diverse	KEEP	02LNF.A04	02CXF.100	TLSERP TLSERM	BNN
ERS Premier 100M Optical **MMF Protected Diverse Corridor	KEEP	02LNF.A04	02CXF.100	TLSERC TLSERCM	BNN
ERS Premier 100M Optical **MMF Protected Non Diverse	KEEP	02LNF.A04	02CXF.100	TLSERP TLSERM	BLANK
ERS Premier 100M Optical **MMF Protected Non Diverse Corridor	KEEP	02LNF.A04	02CXF.100	TLSERC TLSERCM	BLANK
ERS Premier 1GM Optical *SMF	KFE-	02LNF.A02	02CXF.1GE	TLSERP TLSERM	N/A
ERS Premier 1G Optical *SMF LAG	KFN-	02LNF.A02	02CXF.1GE	TLSMLGP	N/A
ERS Premier 1G Optical *SMF Corridor	KFE-	02LNF.A02	02CXF.1GE	TLSERC TLSERCM	N/A

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS Premier 1G Optical *SMF Corridor LAG	KFN-	02LNF.A02	02CXF.1GE	TLSMLPC	N/A
ERS Premier 1G Optical *SMF Protected Diverse	KFEP	02LNF.A02	02CXF.1GE	TLSERP TLSERM	BNN
ERS Premier 1G Optical *SMF Protected Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	TLSERC TLSERCM	BNN
ERS Premier 1G Optical *SMF Protected Non Diverse	KFEP	02LNF.A02	02CXF.1GE	TLSERP TLSERM	BLANK
ERS Premier 1G Optical *SMF Protected Non Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	TLSERC TLSERCM	BLANK
ERS Premier 1G Optical **MMF	KFE-	02LNF.A04	02CXF.1GE	TLSERP TLSERM	N/A
ERS Premier 1G Optical **MMF LAG	KFN-	02LNF.A04	02CXF.1GE	TLSMLGP	N/A
ERS Premier 1G Optical **MMF Corridor	KFE-	02LNF.A04	02CXF.1GE	TLSERC TLSERCM	N/A
ERS Premier 1G Optical **MMF Corridor LAG	KFN-	02LNF.A04	02CXF.1GE	TLSMLPC	N/A
ERS Premier 1G Optical **MMF Protected Diverse	KFEP	02LNF.A04	02CXF.1GE	TLSERP TLSERM	BNN
ERS Premier 1G Optical **MMF Protected Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	TLSERC TLSERCM	BNN
ERS Premier 1G Optical **MMF Protected Non Diverse	KFEP	02LNF.A04	02CXF.1GE	TLSERP TLSERM	BLANK
ERS Premier 1G Optical **MMF Protected Non Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	TLSERC TLSERCM	BLANK
ERS Premier 10G Optical *SMF	KGE-	02LNF.A02	02CXF.10G	TLSERP TLSERM	N/A
ERS Premier 10G Optical *SMF LAG	KGF-	02LNF.A02	02CXF.10G	TLSMLGP	N/A
ERS Premier 10G Optical *SMF Corridor	KGE-	02LNF.A02	02CXF.10G	TLSERC TLSERCM	N/A
ERS Premier 10G Optical *SMF Corridor LAG	KGF-	02LNF.A02	02CXF.10G	TLSMLPC	N/A
ERS Premier 10G Optical *SMF Protected Diverse	KGEP	02LNF.A02	02CXF.10G	TLSERP TLSERM	BNN
ERS Premier 10G Optical *SMF Protected Diverse Corridor	KGEP	02LNF.A02	02CXF.10G	TLSERC TLSERCM	BNN
ERS Premier 10G Optical *SMF Protected Non Diverse	KGEP	02LNF.A02	02CXF.10G	TLSERP TLSERM	BLANK
ERS Premier 10G Optical *SMF Protected Non Diverse Corridor	KGEP	02LNF.A02	02CXF.10G	TLSERC TLSERCM	BLANK
ERS Premier 10G Optical **MMF	KGE-	02LNF.A04	02CXF.10G	TLSERP TLSERM	N/A
ERS Premier 10G Optical **MMF LAG	KGF-	02LNF.A04	02CXF.10G	TLSMLGP	N/A
ERS Premier 10G Optical **MMF Corridor	KGE-	02LNF.A04	02CXF.10G	TLSERC TLSERCM	N/A
ERS Premier 10G Optical **MMF Corridor LAG	KGF-	02LNF.A04	02CXF.10G	TLSMLPC	N/A
ERS Premier 10G Optical **MMF Protected Diverse	KGEP	02LNF.A04	02CXF.10G	TLSERP TLSERM	BNN
ERS Premier 10G Optical **MMF Protected Diverse Corridor	KGEP	02LNF.A04	02CXF.10G	TLSERC TLSERCM	BNN
ERS Premier 10G Optical **MMF Protected Non Diverse	KGEP	02LNF.A04	02CXF.10G	TLSERP TLSERM	BLANK
ERS Premier 10G Optical **MMF Protected Non Diverse Corridor	KGEP	02LNF.A04	02CXF.10G	TLSERC TLSERCM	BLANK
ERS PREMIER UNTAGGED					
ERS Premier 10M Electrical	KDA-	04LN9.10T	02CXF.10N	TLSERP TLSERM	N/A
ERS Premier 10M Electrical Corridor	KDA-	04LN9.10T	02CXF.10N	TLSERC TLSERCM	N/A
ERS Premier 10M Electrical Protected Diverse	KDAP	04LN9.10T	02CXF.10N	TLSERP TLSERM	BNN

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS Premier 10M Electrical Protected Diverse Corridor	KDAP	04LN9.10T	02CXF.10N	TLSERC TLSERCM	BNN
ERS Premier 10M Electrical Protected Non Diverse	KDAP	04LN9.10T	02CXF.10N	TLSERP TLSERM	BLANK
ERS Premier 10M Electrical Protected Non Diverse Corridor	KDAP	04LN9.10T	02CXF.10N	TLSERC TLSERCM	BLANK
ERS Premier 100M Electrical	KEA-	04LN9.1CT	02CXF.1CN	TLSERP TLSERM	N/A
ERS Premier 100M Electrical Corridor	KEA-	04LN9.1CT	02CXF.1CN	TLSERC TLSERCM	N/A
ERS Premier 100M Electrical Protected Diverse	KEAP	04LN9.1CT	02CXF.1CN	TLSERP TLSERM	BNN
ERS Premier 100M Electrical Protected Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CN	TLSERC TLSERCM	BNN
ERS Premier 100M Electrical Protected Non Diverse	KEAP	04LN9.1CT	02CXF.1CN	TLSERP TLSERM	BLANK
ERS Premier 100M Electrical Protected Non Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CN	TLSERC TLSERCM	BLANK
ERS Premier 100M Optical *SMF	KEA-	02LNF.A02	02CXF.1CN	TLSERP TLSERM	N/A
ERS Premier 100M Optical *SMF Corridor	KEA-	02LNF.A02	02CXF.1CN	TLSERC TLSERCM	N/A
ERS Premier 100M Optical *SMF Protected Diverse	KEAP	02LNF.A02	02CXF.1CN	TLSERP TLSERM	BNN
ERS Premier 100M Optical *SMF Protected Diverse Corridor	KEAP	02LNF.A02	02CXF.1CN	TLSERC TLSERCM	BNN
ERS Premier 100M Optical *SMF Protected Non Diverse	KEAP	02LNF.A02	02CXF.1CN	TLSERP TLSERM	BLANK
ERS Premier 100M Optical *SMF Protected Non Diverse Corridor	KEAP	02LNF.A02	02CXF.1CN	TLSERC TLSERCM	BLANK
ERS Premier 100M Optical **MMF	KEA-	02LNF.A04	02CXF.1CN	TLSERP TLSERM	N/A
ERS Premier 100M Optical **MMF Corridor	KEA-	02LNF.A04	02CXF.1CN	TLSERC TLSERCM	N/A
ERS Premier 100M Optical **MMF Protected Diverse	KEAP	02LNF.A04	02CXF.1CN	TLSERP TLSERM	BNN
ERS Premier 100M Optical **MMF Protected Diverse Corridor	KEAP	02LNF.A04	02CXF.1CN	TLSERC TLSERCM	BNN
ERS Premier 100M Optical **MMF Protected Non Diverse	KEAP	02LNF.A04	02CXF.1CN	TLSERP TLSERM	BLANK
ERS Premier 100M Optical **MMF Protected Non Diverse Corridor	KEAP	02LNF.A04	02CXF.1CN	TLSERC TLSERCM	BLANK
ERS Premier 1GM Optical *SMF	KFL-	02LNF.A02	02CXF.1GN	TLSERP TLSERM	N/A
ERS Premier 1G Optical *SMF LAG	KFM-	02LNF.A02	02CXF.1GN	TLSMLGP	N/A
ERS Premier 1G Optical *SMF Corridor	KFL-	02LNF.A02	02CXF.1GN	TLSERC TLSERCM	N/A
ERS Premier 1G Optical *SMF Corridor LAG	KFM-	02LNF.A02	02CXF.1GN	TLSMLPC	N/A
ERS Premier 1G Optical *SMF Protected Diverse	KFLP	02LNF.A02	02CXF.1GN	TLSERP TLSERM	BNN
ERS Premier 1G Optical *SMF Protected Diverse Corridor	KFLP	02LNF.A02	02CXF.1GN	TLSERC TLSERCM	BNN
ERS Premier 1G Optical *SMF Protected Non Diverse	KFLP	02LNF.A02	02CXF.1GN	TLSERP TLSERM	BLANK
ERS Premier 1G Optical *SMF Protected Non Diverse Corridor	KFLP	02LNF.A02	02CXF.1GN	TLSERC TLSERCM	BLANK
ERS Premier 1G Optical **MMF	KFL-	02LNF.A04	02CXF.1GN	TLSERP TLSERM	N/A
ERS Premier 1G Optical **MMF LAG	KFM-	02LNF.A04	02CXF.1GN	TLSMLGP	N/A

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS Premier 1G Optical **MMF Corridor	KFL-	02LNF.A04	02CXF.1GN	TLSERC TLSERCM	N/A
ERS Premier 1G Optical **MMF Corridor LAG	KFM-	02LNF.A04	02CXF.1GN	TLSMLPC	N/A
ERS Premier 1G Optical **MMF Protected Diverse	KFLP	02LNF.A04	02CXF.1GN	TLSERP TLSERM	BNN
ERS Premier 1G Optical **MMF Protected Diverse Corridor	KFLP	02LNF.A04	02CXF.1GN	TLSERC TLSERCM	BNN
ERS Premier 1G Optical **MMF Protected Non Diverse	KFLP	02LNF.A04	02CXF.1GN	TLSERP TLSERM	BLANK
ERS Premier 1G Optical **MMF Protected Non Diverse Corridor	KFLP	02LNF.A04	02CXF.1GN	TLSERC TLSERCM	BLANK
ERS Premier 10G Optical *SMF	KGL-	02LNF.A02	02CXF.XGN	TLSERP TLSERM	N/A
ERS Premier 10G Optical *SMF LAG	KGM-	02LNF.A02	02CXF.XGN	TLSMLGP	N/A
ERS Premier 10G Optical *SMF Corridor	KGL-	02LNF.A02	02CXF.XGN	TLSERC TLSERCM	N/A
ERS Premier 10G Optical *SMF Corridor LAG	KGM-	02LNF.A02	02CXF.XGN	TLSMLPC	N/A
ERS Premier 10G Optical *SMF Protected Diverse	KGLP	02LNF.A02	02CXF.XGN	TLSERP TLSERM	BNN
ERS Premier 10G Optical *SMF Protected Diverse Corridor	KGLP	02LNF.A02	02CXF.XGN	TLSERC TLSERCM	BNN
ERS Premier 10G Optical *SMF Protected Non Diverse	KGLP	02LNF.A02	02CXF.XGN	TLSERP TLSERM	BLANK
ERS Premier 10G Optical *SMF Protected Non Diverse Corridor	KGLP	02LNF.A02	02CXF.XGN	TLSERC TLSERCM	BLANK
ERS Premier 10G Optical **MMF	KGL-	02LNF.A04	02CXF.XGN	TLSERP TLSERM	N/A
ERS Premier 10G Optical **MMF LAG	KGM-	02LNF.A04	02CXF.XGN	TLSMLGP	N/A
ERS Premier 10G Optical **MMF Corridor	KGL-	02LNF.A04	02CXF.XGN	TLSERC TLSERCM	N/A
ERS Premier 10G Optical **MMF Corridor LAG	KGM-	02LNF.A04	02CXF.XGN	TLSMLPC	N/A
ERS Premier 10G Optical **MMF Protected Diverse	KGLP	02LNF.A04	02CXF.XGN	TLSERP TLSERM	BNN
ERS Premier 10G Optical **MMF Protected Diverse Corridor	KGLP	02LNF.A04	02CXF.XGN	TLSERC TLSERCM	BNN
ERS Premier 10G Optical **MMF Protected Non Diverse	KGLP	02LNF.A04	02CXF.XGN	TLSERP TLSERM	BLANK
ERS Premier 10G Optical **MMF Protected Non Diverse Corridor	KGLP	02LNF.A04	02CXF.XGN	TLSERC TLSERCM	BLANK
ERS TUNNEL ACCESS TAGGED					
ERS Tunnel Access 10M Electrical	KDE-	04LN9.10T	02CXF.10	ERSPT ERSTAM	N/A
ERS Tunnel Access 10M Electrical Corridor	KDE-	04LN9.10T	02CXF.10	ERSPTC ERSTACM	N/A
ERS Tunnel Access 10M Electrical Protected Diverse	KDEP	04LN9.10T	02CXF.10	ERSPT ERSTAM	BNN
ERS Tunnel Access 10M Electrical Protected Diverse Corridor	KDEP	04LN9.10T	02CXF.10	ERSPTC ERSTACM	BNN
ERS Tunnel Access 10M Electrical Protected Non Diverse	KDEP	04LN9.10T	02CXF.10	ERSPT ERSTAM	BLANK
ERS Tunnel Access 10M Electrical Protected Non Diverse Corridor	KDEP	04LN9.10T	02CXF.10	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 100M Electrical	KEE-	04LN9.1CT	02CXF.100	ERSPT ERSTAM	N/A
ERS Tunnel Access 100M Electrical Corridor	KEE-	04LN9.1CT	02CXF.100	ERSPTC ERSTACM	N/A
ERS Tunnel Access 100M Electrical Protected Diverse	KEEP	04LN9.1CT	02CXF.100	ERSPT ERSTAM	BNN

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS Tunnel Access 100M Electrical Protected Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	ERSPTC ERSTACM	BNN
ERS Tunnel Access 100M Electrical Protected Non Diverse	KEEP	04LN9.1CT	02CXF.100	ERSPT ERSTAM	BLANK
ERS Tunnel Access 100M Electrical Protected Non Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 100M Optical *SMF	KEE-	02LNF.A02	02CXF.100	ERSPT ERSTAM	N/A
ERS Tunnel Access 100M Optical *SMF Corridor	KEE-	02LNF.A02	02CXF.100	ERSPTC ERSTACM	N/A
ERS Tunnel Access 100M Optical *SMF Protected Diverse	KEEP	02LNF.A02	02CXF.100	ERSPT ERSTAM	BNN
ERS Tunnel Access 100M Optical *SMF Protected Diverse Corridor	KEEP	02LNF.A02	02CXF.100	ERSPTC ERSTACM	BNN
ERS Tunnel Access 100M Optical *SMF Protected Non Diverse	KEEP	02LNF.A02	02CXF.100	ERSPT ERSTAM	BLANK
ERS Tunnel Access 100M Optical *SMF Protected Non Diverse Corridor	KEEP	02LNF.A02	02CXF.100	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 100M Optical **MMF	KEE-	02LNF.A04	02CXF.100	ERSPT ERSTAM	N/A
ERS Tunnel Access 100M Optical **MMF Corridor	KEE-	02LNF.A04	02CXF.100	ERSPTC ERSTACM	N/A
ERS Tunnel Access 100M Optical **MMF Protected Diverse	KEEP	02LNF.A04	02CXF.100	ERSPT ERSTAM	BNN
ERS Tunnel Access 100M Optical **MMF Protected Diverse Corridor	KEEP	02LNF.A04	02CXF.100	ERSPTC ERSTACM	BNN
ERS Tunnel Access 100M Optical **MMF Protected Non Diverse	KEEP	02LNF.A04	02CXF.100	ERSPT ERSTAM	BLANK
ERS Tunnel Access 100M Optical **MMF Protected Non Diverse Corridor	KEEP	02LNF.A04	02CXF.100	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 1GM Optical *SMF	KFE-	02LNF.A02	02CXF.1GE	ERSPT ERSTAM	N/A
ERS Tunnel Access 1G Optical *SMF LAG	KFN-	02LNF.A02	02CXF.1GE	TLSMLGT	N/A
ERS Tunnel Access 1G Optical *SMF Corridor	KFE-	02LNF.A02	02CXF.1GE	ERSPTC ERSTACM	N/A
ERS Tunnel Access 1G Optical *SMF Corridor LAG	KFN-	02LNF.A02	02CXF.1GE	TLSMLTC	N/A
ERS Tunnel Access 1G Optical *SMF Protected Diverse	KFEP	02LNF.A02	02CXF.1GE	ERSPT ERSTAM	BNN
ERS Tunnel Access 1G Optical *SMF Protected Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	ERSPTC ERSTACM	BNN
ERS Tunnel Access 1G Optical *SMF Protected Non Diverse	KFEP	02LNF.A02	02CXF.1GE	ERSPT ERSTAM	BLANK
ERS Tunnel Access 1G Optical *SMF Protected Non Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 1G Optical **MMF	KFE-	02LNF.A04	02CXF.1GE	TLSERP TLSERM	N/A
ERS Tunnel Access 1G Optical **MMF LAG	KFN-	02LNF.A04	02CXF.1GE	TLSMLGT	N/A
ERS Tunnel Access 1G Optical **MMF Corridor	KFE-	02LNF.A04	02CXF.1GE	TLSERC TLSERCM	N/A
ERS Tunnel Access 1G Optical **MMF Corridor LAG	KFN-	02LNF.A04	02CXF.1GE	TLSMLTC	N/A
ERS Tunnel Access 1G Optical **MMF Protected Diverse	KFEP	02LNF.A04	02CXF.1GE	ERSPT ERSTAM	BNN
ERS Tunnel Access 1G Optical **MMF Protected Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	ERSPTC ERSTACM	BNN
ERS Tunnel Access 1G Optical **MMF Protected Non Diverse	KFEP	02LNF.A04	02CXF.1GE	ERSPT ERSTAM	BLANK
ERS Tunnel Access 1G Optical **MMF Protected Non Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	ERSPTC ERSTACM	BLANK

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS Tunnel Access 10G Optical *SMF	KGE-	02LNF.A02	02CXF.10G	TLSERP TLSERM	N/A
ERS Tunnel Access 10G Optical *SMF LAG	KGF-	02LNF.A02	02CXF.10G	TLSMLGT	N/A
ERS Tunnel Access 10G Optical *SMF Corridor	KGE-	02LNF.A02	02CXF.10G	TLSERC TLSERCM	N/A
ERS Tunnel Access 10G Optical *SMF Corridor LAG	KGF-	02LNF.A02	02CXF.10G	TLSMLTC	N/A
ERS Tunnel Access 10G Optical *SMF Protected Diverse	KGEP	02LNF.A02	02CXF.10G	ERSPT ERSTAM	BNN
ERS Tunnel Access 10G Optical *SMF Protected Diverse Corridor	KGEP	02LNF.A02	02CXF.10G	ERSPTC ERSTACM	BNN
ERS Tunnel Access 10G Optical *SMF Protected Non Diverse	KGEP	02LNF.A02	02CXF.10G	ERSPT ERSTAM	BLANK
ERS Tunnel Access 10G Optical *SMF Protected Non Diverse Corridor	KGEP	02LNF.A02	02CXF.10G	ERSPTC ERSTACM	BLANK
ERS Tunnel Access 10G Optical **MMF	KGE-	02LNF.A04	02CXF.10G	TLSERP TLSERM	N/A
ERS Tunnel Access 10G Optical **MMF LAG	KGF-	02LNF.A04	02CXF.10G	TLSMLGT	N/A
ERS Tunnel Access 10G Optical **MMF Corridor	KGE-	02LNF.A04	02CXF.10G	TLSERC TLSERCM	N/A
ERS Tunnel Access 10G Optical **MMF Corridor LAG	KGF-	02LNF.A04	02CXF.10G	TLSMLTC	N/A
ERS Tunnel Access 10G Optical **MMF Protected Diverse	KGEP	02LNF.A04	02CXF.10G	ERSPT ERSTAM	BNN
ERS Tunnel Access 10G Optical **MMF Protected Diverse Corridor	KGEP	02LNF.A04	02CXF.10G	ERSPTC ERSTACM	BNN
ERS Tunnel Access 10G Optical **MMF Protected Non Diverse	KGEP	02LNF.A04	02CXF.10G	ERSPT ERSTAM	BLANK
ERS Tunnel Access 10G Optical **MMF Protected Non Diverse Corridor	KGEP	02LNF.A04	02CXF.10G	ERSPTC ERSTACM	BLANK

1. Column 1: Service Description
2. Column 2: NC Code = Network Channel Code of Port
3. Column 3 : NCI Code = Primary Network Channel Interface
4. Column 4 : SECNCI Code = Secondary Network Channel Interface of Port
5. Column 5 SPEC Code ERS Premier
   - TLSERP = ERS Premier UNI
   - TLSERM = ERS Premier UNI Micro Site
   - TLSMLGP = ERS Premier UNI LAG
   - TLSERC = ERS Premier UNI Corridor [East Only-Northern Corridor]
   - TLSERCM = ERS Premier UNI Micro Site Corridor [East Only-Northern Corridor]
   - TLSMLPC = ERS Premier UNI LAG Corridor [East Only-Northern Corridor]

   SPEC Code ERS Tunnel Access
   - ERSPT = ERS Tunnel Access UNI
   - ERSTAM = ERS Tunnel Access UNI Micro Site
   - TLSMLGT = ERS Tunnel Access UNI LAG
   - ERSPTC = ERS Tunnel Access UNI Corridor [East Only-Northern Corridor]
   - ERSTACM = ERS Tunnel Access UNI Micro Site Corridor [East Only-Northern Corridor]
   - TLSMLTC = ERS Tunnel Access UNI LAG Corridor [East Only-Northern Corridor]
6. Column 6: SR = Special Routing [BNN=Diverse, BLANK = Non-Diverse]

ERS PREMIER UNI
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
KDE- , KDA-, KDEP, KDAP	KDGS	36.KDGS.123456..CD
KEE- , KEA-, KEEP, KEAP	KEGS	32.KEGS.123456..NY
KFE- , KFL-, KFEP, KFLP	KFGS	.KFGS.123456..NJ
KFN-, KFM-	KFGD	.KFGD.123456..NJ
KGE-, KGL -, KGEP, KGLP -	KGGS	95.KGGS.123456..NE
KGF-, KGM-	KGGD	95.KGGD.123456..NE

ERS TUNNEL ACCESS UNI
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
KDE- , KDEP	KDGS	36.KDGS.123456..CD
KEE- , KEEP	KEGS	32.KEGS.123456..NY
KFE- , KFEP	KFGS	.KFGS.123456..NJ
KFN-	KFGD	.KFGD.123456..NJ
KGE- , KGEP	KGGS	95.KGGS.123456..NE
KGF-	KGGD	95.KGGD.123456..NE

JOB AID 4

ERS PREMIER AND ERS TUNNEL ACCESS UNI ASR EXHIBITS

Below are ASR Exhibits for the ERS Premier/ERS Tunnel Access UNI Services.

ASR EXHIBIT #1
INSTALL 10 GBPS TLS ERS PREMIER UNI LAG – TAGGED
LINK AGGREGATION
OPTICAL HANDOFF – SINGLE MODE FIBER
60 MONTH TERM PRICING PLAN
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]										
CCNA	PON		VER	ICSC	STATUS	CURRENT	MODE			
ABC	ERSP10G-LAG		AA	NY01		View Only				
CC	UNE			SPEC	TLSMLGP	TSP		ReqType	SD	SEI Y
ACT N	DDD	CUST DDD		FDT		Sup		EXP		
QSA	BAN	212 M17-XXXX		CUS	XXX	LTP		RTR	F	
Cust	D/T Sent	MM/DD/YYTIME		ACTI		TSC		Qty1	0000002	
LA	LA Name			LA Dated		AFO	Y	LAG	N	
Unit C	ACTL	NYCMNYXXW02		APOT		LATA	132			
CKR	Customer CKR			ECCKT	32.KGGD.123456..NY			ASG		
PIU 100	PLU			WSI		LUP		TQ		
ALBR	AGAUTH		Dated		NMB Applicable			EVCI		
Project	PPTD		RPON			CCVN				
NOR	RORD		AENG			CBD				
ASC-EC	QNAI		BSA			LNI	JPR	NAG		FBA
PSL	PSLI		CNO	2014-556677		QA				
WST			ISTN			VZB				
FNI	FNT		RFNI			CFNI				
SAN	AFG		SPA							
BIC			BIC Tel			BIC ID				
REMARKS	Optional for customer information - Install 10G ERS Premier Tagged UNI with Link Aggregation									
Administrative Information [ADM]										
ACNA	ABC		TE			FUSF	E	EBP		
Bill Name	ABC					SBill Name	BILLING MGT			
Street	100 MAIN ST					Floor		Room		
City	ANYTOWN					State	STATE	Zip	XXXXX	
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email				
VTA	60		VCVTA			IWBAN				
MTCE	APC		MTCE TEL N	999 999-9999						
PNUM	FB1234567									
Circuit Information										
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No				
Init Email	J.DOE@ABC.COM									
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999			
DSG Email	J.DOE@ABC.COM					Street	100 MAIN ST	Floor		
Room	E171		City	ANYTOWN		State	STATE	Zip	XXXXX	
IMP Contact	TECH ON DUTY		TEL No	999 999-9999						
D/T Rec	MM/DD/YY TIME		DRC			FDRC				

Switched Ethernet Service Request [SES]											
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE					
ABC	ERSP10G-LAG		AA	NY01		View Only					
Circuit Details											
NC	KGF-	NCI	02LNF.A02	SECNCI	02CXF.10G	SR	SBDW	BUM	BI	ES	
PROFE					PROFI						
LAG-ID	32.AWGN.888888..NY				LAG-P	AS					
DIVCKT					DIVPON						
Location											
CCEA											
GETO		GBTN		GCON		GTEL					
IP ADDRESS				IPAI		SUBNET MASK					
ESP	CLLI [TLS SWITCH]				OTC						
SECLOC LSO	212XXX		SECLOC SWC	NYCMNYXXDXX							
Service Options											
REMARKS											

Additional Circuit Information [ACI]											
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE					
ABC	ERSP10G-LAG		AA	NY01		View Only					
Ref Num	0002		Go to Ref Num	0002	GO						
ECCKT	32.KGGD.456789..NY				CKTACT		S25C		ER		
RECCKT					TRN		TCIC				
NHNI		NHN			ASG		RORD				
CFA					HBAN		CFAU				
SCFA							SCFAU				
CCEA					SCCEA						
CKR					CKRI						
WACD1					WACD2						TSP
	UBAN			UCUS							
DIVPON					DIVCKT						
ES		PROFE			PROFI		BUM	BI	SBDW		
IP ADDRESS		IPAI			SUBNET MASK						
Primary											
Jack Code		PCA			JS						
Secondary											
Jack Code		PCA			JS						
Jack Num		Jack Pos			CPT						
CRO1		CRO2									
SMJK [Pri]		MJK [Sec]		Dir	SDIR						

ASR EXHIBIT #2A
PORT SPEED UPGRADE WITH AUTOMATED EVC RECONFIGURATION
DISCONNECT ASR [AOD RPON]
UPGRADE FROM 10 MBPS ERS PREMIER UNI TAGGED
TO 100 MBPS ERS PREMIER UNI TAGGED
FROM ELECTRICAL HANDOFF TO OPTICAL HANDOFF MMF
CORRIDOR, 36 MONTH TERM PRICING PLAN,
REQUEST TYPE = ED [END USER TERMINATION]
NOTE: SERVICE ORDERS FOR EVC RECONFIGURATION ARE SYSTEM GENERATED
NO EVC ASR IS REQUIRED

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS		CURRENT MODE				
ABC	ERSP10M-D			AA	NY01			View Only				
CC		UNE			SPEC	TLSERC	TSP	ReqType	ED	SEI	Y	
ACT	D	DDD	CUST DDD		FDT	E05P07P	Sup			EXP		
QSA	1	BAN	212 M59-XXXX		CUS	XXX	LTP			RTR	F	
Cust		D/T Sent	MM/DD/YYTIME		ACTI		TSC			Qty1	0000001	
LA		LA Name			LA Dated		AFO			LAG		
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32.KDGS.111111..NY				ASG		
PIU	100	PLU			WSI		LUP			TQ		
ALBR		AGAUTH		Dated		NMB Applicable				EVCI		
Project		PPTD		RPON	ERSP100M-N		CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI		BSA	LNI	JPR	NAG		FBA	
		PSL		PSLI		CNO		QA				
		WST		ISTN		VZB						
		FNI		FNT		RFNI					CFNI	
		SAN		AFG		SPA						
		BIC		BIC Tel		BIC ID						
REMARKS	Optional for customer information – Upgrade 10M UNI to 100M UNI ERS Premier Service Type. Please perform upgrade between 5:00 PM – 7:00 PM EST on due date.											
Administrative Information [ADM]												
ACNA	ABC			TE			FUSF	E		EBP		
Bill Name	ABC						SBill Name	BILLING MGT				
Street	100 MAIN ST			Floor			Room					
City	ANYTOWN			State	STATE		Zip	XXXXX				
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888					Bill Contact Email		
VTA	36			VCVTA			IWBAN					
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE			TEL No	999-999-9999-8888888			Init Fax No				
Init Email	J.DOE@ABC.COM											
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888			DSG Fax No	999 999-9999			
DSG Email	J.DOE@ABC.COM				Street	100 MAIN ST			Floor			
Room	E171			City	ANYTOWN			State	STATE		Zip	XXXXX
IMP Contact	TECH ON DUTY			TEL No	999 999-9999							
D/T Rec	MM/DD/YY TIME			DRC				FDRC				

Switched Ethernet Service Request [SES]											
CCNA	PON			VER	ICSC	STATUS		CURRENT MODE			
ABC	ERSP10M-D			AA	NY01			View Only			
Circuit Details											
NC	KDE-	NCI	04LN9.10T	SECNCI	02CXF.10	SR	SBDW	BUM	BI	ES	
PROFE						PROFI					
LAG-ID					LAG-P						
DIVCKT						DIVPON					
Location											
CCEA											
GETO		GBTN			GCON			GTEL			
IP ADDRESS					IPAI		SUBNET MASK				
ESP	NYCMNYAB06W				OTC						
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX						
Service Options											
REMARKS											

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP10M-D		AA	NY01			View Only		
Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON		
SAPR		SANO	123		SASF		SASD		
SASN	BROADWAY				SATH		SASS		
LD1	FLR	LV1	1		LD2	RM	LV2	COMP	
LD3		LV3							
CITY	MANHATTAN	STATE	NY		ZIP	XXXXX			
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL							
LCON	JANE DOE	ACTEL	999 999-9999		AACTEL				
ACPGN		ACPPN							
ACC		WKTEL							

ASR EXHIBIT #2B
PORT SPEED UPGRADE WITH AUTOMATED EVC RECONFIGURATION
INSTALL ASR [AOD RPON]
UPGRADE FROM 10 MBPS ERS PREMIER UNI TAGGED
TO 100 MBPS ERS PREMIER UNI TAGGED
FROM ELECTRICAL HANDOFF TO OPTICAL HANDOFF MMF
CORRIDOR, 36 MONTH TERM PRICING PLAN,
REQUEST TYPE = ED [END USER TERMINATION]
NOTE: SERVICE ORDERS FOR EVC RECONFIGURATION ARE SYSTEM GENERATED
NO EVC ASR REQUIRED

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE					
ABC	ERSP100M-N		AA	NY01			View Only					
CC		UNE		SPEC	TLSERC	TSP		ReqType	ED	SEI	Y	
ACT	N	DDD	CUST DDD	FDT	E05P07P	Sup			EXP			
QSA	1	BAN	212 M59-XXXX	CUS	XXX	LTP			RTR	F		
Cust		D/T Sent	MM/DD/YYTIME	ACTI		TSC			Qty1	0000001		
LA		LA Name		LA Dated		AFO			LAG			
Unit	C	ACTL		APOT		LATA	132					
CKR	Customer CKR			ECCKT	32.KEGS.222222..NY				ASG			
PIU	100	PLU		WSI		LUP			TQ			
ALBR		AGAUTH		Dated	NMB Applicable				EVCI			
Project		PPTD		RPON	ERSP10M-D			CCVN				
NOR		RORD		AENG		CBD						
		ASC-EC		QNAI		BSA	LNI	JPR	NAG		FBA	
		PSL		PSLI		CNO		QA				
		WST		ISTN		VZB						
		FNI		FNT		RFNI					CFNI	
		SAN		AFG		SPA						
		BIC		BIC Tel		BIC ID						
REMARKS	Optional for customer information – Upgrade 10M UNI to 100M UNI ERS Premier Service Type. Please perform upgrade between 5:00 PM – 7:00 PM EST on due date.											
Administrative Information [ADM]												
ACNA	ABC			TE		FUSF	E		EBP			
Bill Name	ABC					SBill Name	BILLING MGT					
Street	100 MAIN ST			Floor		Room						
City	ANYTOWN			State	STATE	Zip	XXXXX					
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888				Bill Contact Email			
VTA	36			VCVTA		IWBAN						
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE		TEL No	999-999-9999-8888888			Init Fax No					
Init Email	J.DOE@ABC.COM											
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888			DSG Fax No	999 999-9999				
DSG Email	J.DOE@ABC.COM				Street	100 MAIN ST			Floor			
Room	E171		City	ANYTOWN		State	STATE		Zip	XXXXX		
IMP Contact	TECH ON DUTY		TEL No	999 999-9999								
D/T Rec	MM/DD/YY TIME		DRC			FDRC						

Switched Ethernet Service Request [SES]											
CCNA	PON			VER	ICSC	STATUS		CURRENT MODE			
ABC	ERSP100M-N			AA	NY01			View Only			
Circuit Details											
NC	KEE-	NCI	02LNF.A04	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES	
PROFE						PROFI					
LAG-ID					LAG-P						
DIVCKT						DIVPON					
Location											
CCEA											
GETO		GBTN			GCON			GTEL			
IP ADDRESS					IPAI		SUBNET MASK				
ESP	NYCMNYAB06W				OTC						
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX						
Service Options											
REMARKS											

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP100M-N		AA	NY01			View Only		
Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL	AFT		NCON			
SAPR		SANO	123	SASF		SASD			
SASN	BROADWAY			SATH		SASS			
LD1	FLR	LV1	1	LD2	RM	LV2	COMP		
LD3		LV3							
CITY	MANHATTAN	STATE	NY	ZIP	XXXXX				
AAI				ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL							
LCON	JANE DOE	ACTEL	999 999-9999	AACTEL					
ACPGN		ACPPN							
ACC		WKTEL							

ASR EXHIBIT #3
INSTALL 100 MBPS ERS TUNNEL ACCESS MICRO SITE UNI, TAGGED WITH ELECTRICAL HANDOFF
36 MONTH TERM PRICING PLAN,
REQUEST TYPE = EC/ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC		STATUS			CURRENT MODE		
ABC	TA100MMC-NEW			AA	NE01					View Only		
CC		UNE			SPEC	ERSTAM	TSP		ReqType	ED	SEI	Y
ACT	N	DDD	CUST DDD		FDT			Sup		EXP		
EDA		QSA		BAN 617 M17 XXXX	CUS	XXX		LTP		RTR	F	
Cust		D/T Sent	MM/DD/YY TIME		ACTI			TSC		Qty1	0000001	
LA		LA Name			LA Dated			AFO		LAG		
Unit	C	ACTL			APOT			LATA	128			
CKR	Customer CKR				ECCKT	95. KEGS.123456..NE				ASG		
PIU	100	PLU			WSI			LUP		TQ		
ALBR		AGAUTH		Dated	NMB Applicable					EVCI		
Project		PPTD		RPON				CCVN				
NOR		RORD		AENG				CBD				
		ASC-EC		QNAI	BSA		LNI	JPR		FBA		
		PSL		PSLI	CNO		QA					
		WST		ISTN				VZB				
		FNI		FNT	RFNI			CFNI				
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Install one 100M ERS Tunnel Access Tagged UNI Circuit at MICRO SITE											
Administrative Information [ADM]												
ACNA	ABC			TE				FUSF	E	EBP		
Bill Name	ABC							SBill Name	BILLING MGT			
Street	100 MAIN ST			Floor				Room				
City	ANYTOWN			State	STATE			Zip	XXXXX			
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888					Bill Contact Email		
VTA	36			VCVTA				IWBAN				
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE			TEL No	999-999-9999-8888888					Init Fax No		
Init Email	J.DOE@ABC.COM											
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888					DSG Fax No	999 999-9999	
DSG E	J.DOE@ABC.COM				Street	100 MAIN ST				Floor		
Room	E171			City	ANYTOWN			State	STATE	Zip	XXXXX	
IMP Contact	TECH ON DUTY			TEL No	999 999-9999							
D/T Rec	MM/DD/YY TIME			DRC						FDRC		

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	TA100MMC-NEW	AA	NE01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location							
CCEA							
GETO		GBTN		GCON		GTEL	
IP ADDRESS				IPAI		SUBNET MASK	
ESP	CLLI [TLS SWITCH]			OTC			
SECLOC LSO	617XXX			SECLOC SWC	BSTNMAXXDXX		

Service Options
REMARKS

Primary Service Address Location Information [SALP]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	TA100MMC-NEW	AA	NE01		View Only

Address Details									
Ref Num 0001									
PI	Y	EU NAME	WAREHOUSE INC	AFT		NCON			
SAPR		SANO	123	SASF		SASD			
SASN	BROADWAY			SATH		SASS			
LD1	BLDG	LV1	A	LD2	LOT	LV2	1		
LD3		LV3							
CITY	BOSTON			STATE	MA	ZIP	XXXXX		
AAI	CABINET 5 AT LOADING DOCK			ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		ALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999			LCON EMAIL			
AACTEL		ACPGN				ACPPN			
ACC		WKTEL							

ERS PREMIER AND ERS TUNNEL ACCESS UNI ADDITIONAL INFORMATION AND ASR EXHIBITS SUBSEQUENT ACTIVITY REQUESTS

Below are additional ASR Ordering examples for SES/TLS ER Premier/ERS Tunnel Access UNI Activity subsequent to an initial ASR Activity of N.

ASR ACTIVITY OF C

There are multiple fields a customer is permitted to change on an ASR Activity of C. The change activities that are presently permitted and automated are listed below:

- Customer Circuit Identifier [CKR field]
- Forbearance Contract ID [PNUM field]
- End User Name [EU NAME field]
- Corridor Change [SPEC Code]
- Frame Format Changes [NC and SECNCI fields]
- ERS Premier Tagged to ERS Tunnel Access [and the reverse] [SPEC Code]
- PING the NID [add, change, remove] [IP ADDRESS, IPAI, SUB NET MASK fields]
- TSP for TLS Services [TSP field]

NOTE 1: Changes from electrical to optical handoff [and the reverse] are not automated changes: applies to 100M UNI ports only.
NOTE 2: Changes from optical single-mode fiber to optical multi-mode fiber [and the reverse] are not automated changes: applies to 100M, 1G, and 10G UNI ports only.

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

ASR ACTIVITY OF C – CHANGE UNI FROM NON-CORRIDOR TO CORRIDOR ELIGIBLE

Change orders for TLS UNI service for Corridor/Non-Corridor application are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on a UNI circuit from Non-Corridor to Corridor [same field type entries required for the reverse].

NOTE 1: This type of change is only applicable to UNI circuits that reside in the NY LATA 132 and the NJ LATA 224.

NOTE 2: This type of change requires that all ordering components of the UNI remain as is; the only change permitted is to the BAN and the SPEC Code.

NOTE 3: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

Any associated EVCs to the UNI must be disconnected prior to the change and then re-ordered as new EVCs by the customer after the UNI change has been implemented. Any non-recurring charge for re-ordering each EVC is billed to the customer's account.

NOTE 4: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #4
CHANGE UNI FROM NON-CORRIDOR TO CORRIDOR ELIGIBLE
100 MBPS TLS UNI ERS PREMIER, TAGGED
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE			
ABC	ERSP100M-CORRCHG			AA	NY01				View Only			
CC		UNE			SPEC	TLSERC	TSP		ReqType	ED	SEI	Y
ACT	C	DDD	CUST DDD		FDT		Sup		EXP			
EDA		QSA	BAN	212 M59-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000001		
LA		LA Name			LA Dated		AFO		LAG			
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY			ASG			
PIU	100	PLU			WSI		LUP		TQ			
ALBR		AGAUTH		Dated	NMB Applicable				EVCI			
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI	BSA	LNI	JPR	NAG	FBA			
		PSL		PSLI	CNO		QA					
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Change circuit from Non-Corridor to Corridor											
Administrative Information [ADM]												
ACNA	ABC			TE			FUSF	E		EBP		
Bill Name	ABC						SBill Name	BILLING MGT				
Street	100 MAIN ST			Floor			Room					
City	ANYTOWN			State	STATE		Zip	XXXXX				
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888					Bill Contact Email		
VTA				VCVTA			IWBAN					
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE			TEL No	999-999-9999-8888888				Init Fax No			
Init Email	J.DOE@ABC.COM											
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888				DSG Fax No	999 999-9999		
DSG E	J.DOE@ABC.COM					Street	100 MAIN ST			Floor		
Room	E171				City	ANYTOWN		State	STATE	Zip	XXXXX	
IMP Contact	TECH ON DUTY				TEL No	999 999-9999						
D/T Rec	MM/DD/YY TIME				DRC				FDRC			

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100M-CORRCHG	AA	NY01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS				IPAI	SUBNET MASK
ESP	NYCMNYXX06W			OTC	
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX

Service Options
REMARKS

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP100M-CORRCHG		AA	NY01			View Only		

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL	AFT		NCON			
SAPR		SANO	123	SASF		SASD			
SASN	BROADWAY			SATH		SASS			
LD1	FLR	LV1	1	LD2	RM	LV2	COMP		
LD3		LV3							
CITY	MANHATTAN	STATE	NY	ZIP	XXXXX				
AAI				ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		AALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999	LCON EMAIL					
AACTEL		ACPGN		ACPPN					
ACC		WKTEL							

ASR ACTIVITY OF C – CHANGE TO ADD IP AND SUBNET MASK ADDRESSES

Change orders for TLS UNI service to add, modify, or remove the IP and/or Sub Net Mask Addresses are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change to the IP Address and Sub Net Mask Address.

NOTE 1: This type of change requires that all ordering components of the UNI remain as is; the only change is to the IP ADDRESS, IPAI, and SUB NET MASK fields.

NOTE 2: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

EVCs associated to the UNI are retained and are not required to be disconnected and reordered after the UNI change is implemented.

NOTE 3: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #5
CHANGE TO ADD IP AND SUB NET MASK ADDRESSES
100 MBPS TLS UNI ERS PREMIER, UNTAGGED
ELECTRICAL HANDOFF, PROTECTED NON DIVERSE
MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE			
ABC	ERSP100MU-PN-CHG			AA	NY01				View Only			
CC		UNE			SPEC	TLSERP	TSP		ReqType	ED	SEI	Y
ACT	C	DDD	CUST DDD		FDT		Sup			EXP		
EDA		QSA	BAN	212 M17-XXXX	CUS	XXX	LTP			RTR	F	
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC			Qty1	0000001	
LA		LA Name			LA Dated		AFO			LAG		
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY				ASG		
PIU	100	PLU			WSI		LUP			TQ		
ALBR		AGAUTH		Dated	NMB Applicable					EVCI		
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI	BSA	LNI	JPR		NAG		FBA	
		PSL		PSLI	CNO		QA					
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Change IP and Subnet Mask Addresses											

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST	Floor		Room			
City	ANYTOWN	State	STATE	Zip	XXXXX		
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888			Bill Contact Email	
VTA		VCVTA		IWBAN			
MTCE	APC	MTCE TEL N	999 999-9999				
PNUM	FB1234567						

Circuit Information							
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG E		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100MU-PN-CHG	AA	NY01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS	153.22.155.109		IPAI 4	SUBNET MASK	5.252.133.101
ESP	NYCMNYXX06W		OTC		
SECLOC LSO	212XXX		SECLOC SWC	NYCMNYXXDXX	

Service Options
REMARKS

Primary Service Address Location Information [SALP]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100MU-PN-CHG	AA	NY01	PNDG_CMP	View Only

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL	AFT		NCON			
SAPR		SANO	123	SASF		SASD			
SASN	BROADWAY			SATH		SASS			
LD1	FLR	LV1	1	LD2	RM	LV2	COMP		
LD3		LV3							
CITY	MANHATTAN	STATE	NY	ZIP	XXXXX				
AAI				ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		AALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999	LCON EMAIL					
AACTEL		ACPGN		ACPPN					
ACC		WKTEL							

ASR ACTIVITY OF C – CHANGE SES/TLS UNI FRAME FORMAT FROM UNTAGGED TO TAGGED
Change orders for TLS UNI service to change the Frame Format of a UNI circuit are permitted on both SD [Network] and ED [End User] Request Types.
The following ASR Exhibit provides the required fields for a customer to populate when requesting a change to the Frame Format of the UNI circuit.
NOTE 1: This type of change requires that all ordering components of the UNI remain as is; the only change is to the NC and SECNCI Codes.
NOTE 3: Any associated EVCs to the UNI must be disconnected prior to the Frame Format change and then re-ordered as new EVCs by the customer after the UNI change is implemented.
ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request. Any non-recurring charge for re-ordering each EVC is billed to the customer's account.
NOTE 3: The service interval for a change request requires six [6] business days.

Valid Frame Format Changes and the associated changes to the ASR are listed below:

TYPE OF CHANGE	UNI PORT BANDWIDTH SPEED	NC FROM	NC TO	NCI FROM	NCI TO
Tagged to Untagged	10M ERS Premier	KDE-, KDEP	KDA-, KDAP	02CXF.10	02CXF.10N
Untagged to Tagged	10M ERS Premier	KDA-, KDAP	KDE-, KDEP	02CXF.10N	02CXF.10
Tagged to Untagged	100M ERS Premier	KEE-, KEEP	KEA-, KEAP	02CXF.100	02CXF.1CN
Untagged to Tagged	100M ERS Premier	KEA-, KEAP	KEE-, KEEP	02CXF.1CN	02CXF.100
Tagged to Untagged	1000M [1G] ERS Premier	KFE-, KFEP	KFL-, KFLP	02CXF.1GE	02CXF.1GN
Untagged to Tagged	1000M [1G] ERS Premier	KFL-, KFLP	KFE-, KFEP	02CXF.1GN	02CXF.1GE
Tagged to Untagged	10000M [10G] ERS Premier	KGE-	KGL-	02CXF.10G	02CXF.XGN
Untagged to Tagged	10000M [10G] ERS Premier	KGL-	KGE-	02CXF.XGN	02CXF.10G

.
Complete EVC Disconnect Required
The following change scenarios require the UNI to be free of all EVC circuits.

FROM	TO	EVC STATUS
ERS Premier Untagged	ERS Premier Tagged	Remove all
ERS Premier Tagged	ERS Premier Untagged	Remove all
ERS Premier Untagged	ERS Tunnel Access	Remove all
ERS Tunnel Access	ERS Premier Untagged	Remove all

All EVCs must be disconnected prior to the UNI change and Verizon cannot automatically reconnect the EVCs.
The customer must submit separate ASRs to remove each EVC and to reconnect each EVC.
NOTE: UNI Frame Format changes determine the number of EVCs and the configuration of the EVCs that are permitted based on whether the UNI change is from Tagged to Untagged [or the reverse], and the UNI Frame Format of the opposing circuit the EVC is being mapped to.

ASR EXHIBIT #6
CHANGE FRAME FORMAT FROM UNTAGGED TO TAGGED
100 MBPS TLS UNI ERS PREMIER
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = SD [NETWORK/POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]										
CCNA	PON		VER	ICSC	STATUS			CURRENT MODE		
ABC	ERSP100M-TAGGED		AA	NY01				View Only		
CC	UNE			SPEC	TLSERP		TSP	ReqType	SD	SEI Y
ACT C	DDD	CUST DDD	FDT			Sup	EXP		EDA	
QSA	BAN	212 M17-XXXX	CUS	XXX		LTP			RTR	F
Cust	D/T Sent	MM/DD/YY TIME			ACTI		TSC		Qty1	0000001
LA	LA Name				LA Dated		AFO		LAG	
Unit C	ACTL	NYCMNYXXW02			APOT		LATA	132		
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY			ASG	
PIU	100	PLU			WSI		LUP		TQ	
ALBR	AGAUTH		Dated		NMB	Applicable			EVCI	
Project	PPTD		RPON				CCVN			
NOR	RORD		AENG				CBD			
	ASC-EC		QNAI	BSA	LNI		JPR	NAG	FBA	
	PSL		PSLI	CNO			QA			
	WST		ISTN				VZB			
	FNI		FNT	RFNI			CFNI			
	SAN		AFG	SPA						
	BIC		BIC Tel	BIC ID						
REMARKS	Optional for customer information – Change Frame Format to Tagged on existing UNI circuit.									

Administrative Information [ADM]								
ACNA	ABC		TE		FUSF	E		EBP
Bill Name	ABC				SBill Name	BILLING MGT		
Street	100 MAIN ST		Floor		Room			
City	ANYTOWN		State	STATE	Zip	XXXXX		
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888			Bill Contact Email	
VTA			VCVTA		IWBAN			
MTCE	APC		MTCE TEL N	999 999-9999				
PNUM	FB1234567							

Circuit Information									
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No			
Init Email	J.DOE@ABC.COM								
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999		
DSG E	J.DOE@ABC.COM			Street	100 MAIN ST		Floor		
Room	E171		City	ANYTOWN		State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY		TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME		DRC			FDRC			

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100M-TAGGED	AA	NY01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS				IPAI	SUBNET MASK
ESP	NYCMNYXX06W			OTC	
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX

Service Options
REMARKS

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP100M-TAGGED		AA	NY01			View Only		

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON		
SAPR		SANO	123		SASF		SASD		
SASN	BROADWAY				SATH		SASS		
LD1	FLR	LV1	1		LD2	RM	LV2	COMP	
LD3		LV3							
CITY	MANHATTAN	STATE	NY		ZIP	XXXXX			
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL			AALCON TEL				
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999		LCON EMAIL				
AACTEL		ACPGN			ACPPN				
ACC		WKTEL							

ASR ACTIVITY OF C – CHANGE UNI FROM ERS TUNNEL ACCESS TO ERS PREMIER TAGGED

Change orders for TLS UNI service for ERS Service type are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on a UNI circuit from ERS Tunnel Access to ERS Premier Tagged [and the reverse].

NOTE 1: This type of change requires that all ordering components of the UNI remain as is; the only change permitted is to the SPEC Code.

NOTE 2: One associated EVC to the UNI is retained and reconnected by Verizon after the UNI change is implemented.

When change is from ERS Tunnel Access to ERS Premier Tagged, there is only one EVC on the existing UNI.

When change is from ERS Premier Tagged to ERS Tunnel Access, the customer must disconnect all associated EVCs except one prior to the UNI change.

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

NOTE 3: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #7
CHANGE UNI FROM ERS TUNNEL ACCESS TO ERS PREMIER TAGGED
100 MBPS UNI, TAGGED
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE			
ABC	ERSP100M-UNICHG			AA	NY01				View Only			
CC		UNE			SPEC	TLSERP	TSP		ReqType	ED	SEI	Y
ACT	C	DDD	CUST DDD		FDT		Sup		EXP			
EDA		QSA	BAN	212 M17-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000001		
LA		LA Name			LA Dated		AFO		LAG			
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32.KEGS.123456..NY			ASG			
PIU	100	PLU			WSI		LUP		TQ			
ALBR		AGAUTH		Dated	NMB Applicable				EVCI			
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI	BSA	LNI	JPR		NAG		FBA	
		PSL		PSLI	CNO		QA					
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Change circuit from Tunnel Access to ERS Premier Tagged											

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST	Floor		Room			
City	ANYTOWN	State	STATE	Zip	XXXXX		
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888			Bill Contact Email	
VTA		VCVTA		IWBAN			
MTCE	APC	MTCE TEL N	999 999-9999				
PNUM	FB1234567						

Circuit Information									
Init	JOHN DOE	TEL No	999-999-9999-8888888			Init Fax No			
Init Email	J.DOE@ABC.COM								
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888			DSG Fax No	999 999-9999		
DSG E	J.DOE@ABC.COM			Street	100 MAIN ST			Floor	
Room	E171			City	ANYTOWN	State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY			TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME			DRC				FDRC	

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100M-UNICHG	AA	NY01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS				IPAI	SUBNET MASK
ESP	NYCMNYXX06W			OTC	
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX

Service Options
REMARKS

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP100M-UNICHG		AA	NY01			View Only		

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL	AFT		NCON			
SAPR		SANO	123	SASF		SASD			
SASN	BROADWAY			SATH		SASS			
LD1	FLR	LV1	1	LD2	RM	LV2	COMP		
LD3		LV3							
CITY	MANHATTAN	STATE	NY	ZIP	XXXXX				
AAI				ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		AALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999	LCON EMAIL					
AACTEL		ACPGN		ACPPN					
ACC		WKTEL							

ASR ACTIVITY OF M – UNI REARRANGEMENT [INSIDE MOVE]

Inside move orders for TLS UNI service types are permitted on ED [End User] Request Types only.
The following ASR Exhibit provides the required fields for a customer to populate when requesting the inside move of an existing SES/TLS UNI circuit.
NOTE 1: This type of change requires that all ordering components of the UNI remain as is; the only change is to the sub location information on the SALI page.
NOTE 2: The premise address must remain the same: only sub locations within the premise address are permitted to be changed. Change of building [BLDG] is not permitted on inside move.
NOTE 3: EVCs associated to the UNI are retained and are reconnected by Verizon once the UNI circuit has been moved to the new sub location.
ASR Activity of M generates a one-time Non-recurring charge to the customer's bill for each UNI move request.
NOTE 4: The service interval for an inside move requires six [6] business days and a dispatch to the customer premise to move the NID and the circuit is required. This includes the reconnection of any existing EVCs.

ASR EXHIBIT #8
UNI RE-ARRANGEMENT – INSIDE MOVE
MOVE 100 MBPS SES/TLS ERS PREMIER UNI
REQUEST TYPE = ED [END USER TERMINATION]
ASR ACTIVITY TYPE = M [INSIDE MOVE]
NOTE: EVC CONNECTIONS ARE AUTOMATICALLY RECONNECTED ONCE THE NID IS MOVED.

CUSTOMER PROVIDED FIELDS
SYSTEM POPULATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE					
ABC	ERSP100M-MOVE		AA	NJ90			View Only					
CC	UNE			SPEC	TLSERP		TSP		ReqType	ED	SEI	Y
ACT	M	DDD	CUST DDD		FDT		Sup		EXP			
EDA		QSA		BAN	201 M17-XXXX	CUS	XXX		LTP		RTR	F
Cust		D/T Sent	MM/DD/YY TIME		ACTI				TSC		Qty1	0000001
LA		LA Name			LA Dated				AFO		LAG	
Unit	C	ACTL			APOT				LATA	224		
CKR	Customer CKR				ECCKT	. KEGS.123456..NJ					ASG	
PIU	100	PLU			WSI				LUP		TQ	
ALBR		AGAUTH		Dated		NMB Applicable					EVCI	
Project		PPTD		RPON					CCVN			
NOR		RORD		AENG					CBD			
		ASC-EC		QNAI	BSA	LNI	JPR		NAG		FBA	
		PSL		PSLI	CNO						QA	
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel			BIC ID					
REMARKS	Optional for customer information – Move circuit from Floor 3, Room 313 to Floor 2, Room A212											
Administrative Information [ADM]												
ACNA	ABC			TE			FUSF	E			EBP	
Bill Name	ABC						SBill Name	BILLING MGT				
Street	100 MAIN ST						Floor				Room	
City	ANYTOWN						State	STATE			Zip	XXXXX
Bill Contact	ACCESS BILL MGR			Tel N	999-999-9999-8888888		Bill Contact Email					
VTA	60			VCVTA			IWBAN					
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE			TEL No	999-999-9999-8888888		Init Fax No					
Init Email	J.DOE@ABC.COM											
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999				
DSG E	J.DOE@ABC.COM			Street	100 MAIN ST		Floor					
Room	E171			City	ANYTOWN		State	STATE		Zip	XXXXX	
IMP Contact	TECH ON DUTY			TEL No	999 999-9999							
D/T Rec	MM/DD/YY TIME			DRC			FDRC					

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100M-MOVE	AA	NJ90		View Only

Circuit Details										
NC	KEE-	NCI	02LNF.A04	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location							
CCEA							
GETO		GBTN		GCON		GTEL	
IP ADDRESS				IPAI		SUBNET MASK	
ESP	NWRKNJXX16W			OTC			
SECLOC LSO	201XXX			SECLOC SWC	NWRKNJXXDXX		

Service Options
REMARKS

Primary Service Address Location Information [SALP]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSP100M-MOVE	AA	NJ90		View Only

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL			AFT		NCON	
SAPR		SANO	123	SASF		SASD			
SASN	MAIN			SATH	ST	SASS			
LD1	FLR	LV1	2			LD2	RM	LV2	A212
LD3		LV3							
CITY	NEWARK			STATE	NJ	ZIP	XXXXX		
AAI						ICOL	REN		
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		AALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999	LCON EMAIL					
AACTEL		ACPGN				ACPPN			
ACC		WKTEL							

JOB AID 5

EVC POINT TO POINT ASR ORDER MATRIX
TLS UNI/EVC COMBINATION ASR
ERS PREMIER AND ERS TUNNEL ACCESS UNI

The matrix below provides the valid combinations for the EVC pages of the ERS Premier/ERS Tunnel Access UNI/EVC Combination ASR in relation to the NC, NCI Codes, along with a Service Description for the Point-to-Point EVC Service Type.

EVC DESCRIPTION	SERVICE CODE MODIFIER	NC CODE	NCI FOR RUID 1	NCI FOR RUID 2
ERS Premier UNI – Point to Point EVC 02VLN.UL3 - Untagged 02VLN.VP - Tagged	VLXP	VLP-	02VLN.UL3	02VLN.UL3
			02VLN.UL3	02VLN.VP
			02VLN.VP	02VLN.UL3
			02VLN.VP	02VLN.VP
ERS Tunnel Access UNI – Point to Point EVC 02VLN.VP = Tagged	VLXP	VLP-	02VLN.VP	02VLN.VP

JOB AID 6

EVC ACTIVITY TABLE
TLS UNI/EVC COMBINATION ASR
ERS PREMIER AND ERS TUNNEL ACCESS UNI

The following activity combinations provide the requirements for EVC Activity on a TLS ERS Premier/ERS Tunnel Access UNI/EVC Combination ASR.
[ASR ACT, UACT, LOSACT, and VACT]

N = New
D = Disconnect
K = Cancel

NOTE: The values populated in the LOS and BDW fields are examples only.

TYPE OF ACTIVITY	ASR ACT	UACT	LOSACT	LOS	BDW	CE-VLAN POPULATED	VACT
Install UNI/EVC [Example: BASIC 50M] With Preferred EVC VLAN	N	N	N	BASIC	50M	Yes	N
Install UNI/EVC [Example: BASIC 50M] No preferred EVC VLAN	N	N	N	BASIC	50M	No	BLANK
Disconnect UNI/EVC	D	D	N/A	N/A	N/A	N/A	BLANK
Cancel UNI Termination	N	K	N/A	N/A	N/A	N/A	N/A
Cancel a LOS	N	N/A	K	N/A	N/A	N/A	N/A

JOB AID 7

EVC POINT-TO-POINT LEVELS OF SERVICE & BANDWIDTH COMBINATIONS TABLE
TLS UNI/EVC COMBINATION ASR
ERS PREMIER AND ERS TUNNEL ACCESS UNI

For each Point-to-Point EVC associated to an ERS Premier/ERS Tunnel Access UNI the customer is required to provide a level of service and specific bandwidth for the EVC.
Below are the valid combinations for this service type.

TLS UNI CIRCUIT TYPE	LEVEL OF SERVICE	BANDWIDTH
ERS Premier/ERS Tunnel Access	BASIC	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M, 900M, 1000M
ERS Premier/ERS Tunnel Access	PRIORITY DATA	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M
ERS Premier/ERS Tunnel Access	REAL TIME	1M, 2M, 3M, 4M, 5M, 6M, 7M, 8M, 9M, 10M, 20M, 30M, 40M, 50M, 60M, 70M, 80M, 90M, 100M, 200M, 300M, 400M, 500M, 600M, 700M, 800M

EMS UNI SECTION

This portion of the Ordering Guide is exclusive to the EMS UNI Service Type.
The service attributes applicable to the EMS/EMS-RT UNI Service Types are listed below in the SERVICE ELIGIBILITY Section.

EMS/EMS-RT – ETHERNET MULTIPOINT SERVICE

EMS [Ethernet Multipoint Service]
EMS provides multipoint-to-multipoint circuit connectivity among a customer's access lines within the same customer domain/Management TLSM-ID.

EMS UNIs are available in two service classes: EMS [Basic] and EMS-RT [EMS- Real Time]

EMS Basic UNIs are available in speeds of 10M, 100M, and 1G
EMS Basic does not include any Committed Information Rate [CIR]
EMS-RT UNIs are available in speeds of 100M and 1G
EMS-RT is designed for customer applications requiring low delay for some of their traffic.
EMS-RT UNIs have a percentage of their UNI configured to allow Real Time traffic referred to as Committed
Information Rate [CIR].

SERVICE ELIGIBILTY

EMS/EMS-RT UNIs are eligible for:

- Inquiry to Firm or Direct to Firm
- Protected [Diverse or Non-Diverse] on a Firm ASR only
- Northern Corridor UNIs [East Only].
- Recommended Switch on a Firm ASR
- Optical Interface [Single Mode or Multi Mode handoff for all Port Speeds except EMS 10Mbps]
- TSP [Telecommunications Service Priority] on a Firm ASR only
- Port Speed Changes
- Service Type Changes [EMS to EMS-RT and the reverse]
- Inside Moves [Request Type of ED only under specific conditions]
- Expedite requests [EXP field = Y]
- Multipoint connection to other EMS/EMS-RT UNIs ordered to the same customer domain/TLSM ID per LATA

NOTE: EMS circuits have built in EVCs and are not permitted to have individual EVC connections.

JOB AID 8

EMS/EMS-RT UNI - ASR REQUIREMENTS [FIRM]

Below are the applicable screens for the EMS/EMS-RT UNI for Firm from Inquiry or Direct to Firm ASRs for the E and S request types.
ASOG fields and BAU fields are required in addition to the TLS EMS product specific fields.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required R-Required C-Required M-Required D-Required
SPEC	TLSEMSR LANVCX	**Service and Product Enhancement Code** EMS TLSEMSR = EMS, EMS-RT Standard LANVCX = Northern Corridor Service Corridor SPEC Code is only applicable for service requests denoting Northern Corridor [NY/NJ] With an ICSC of NY01 or NJ90 [LATA 132 or LATA 224].	N-Required R-Required C-Required M-Required D-N/A
TSP	Telecommunications Service Priority ID	**Telecommunications Service Priority** 12 character code required. 1st – 9th characters = TSP Control ID [computer generated number used for government tracking purposes]. 10th character = a hyphen. 11th and 12th characters = the TSP Priority Code.	N-Optional R-Required if TSP present on CSR C-Required if TSP present on CSR D-N/A
REQ TYPE	EC, ED SC, SD	**Requisition Type and Status** E = End User S = Network User C in second position of REQ TYPE indicates a Firm from Inquiry request D in second position of REQ TYPE indicates a Direct Firm request	N-Required R-Optional C-Optional M-Required D-N/A
FDT	Example: E05P07P	**Frame Due Time** FDT components require a Time Zone and a time range when the customer is requesting a change be implemented during a specific time period. E = Eastern Time Zone 05P = 5:00 PM [begin time of range] 07P = 7:00 PM [end time of range]	N-Not applicable C-*Optional R-Not applicable M-Prohibited D-Prohibited * For ERS UNI changes this field is optional. If field is BLANK, change is done at the discretion of Verizon provisioning.
EXP	Y or BLANK	**Expedite** Expedite services are optional for UNI services. Valid values Y = Yes for Expedite BLANK = No expedite NOTE 1: Prohibited when EDA field is populated.	N-Optional R-N/A C-N/A M-N/A D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for UNI services. Valid values Y = Yes for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon. BLANK = No for Early Date Acceptance NOTE 1: Prohibited when EXP field is populated.	N-Optional R-N/A C-N/A M-N/A D- N/A
QSA	EC/ED = 01	**Quantity Service Address Location Information** EC/ED: Generates address page for End User requests. QSA field does not apply to SD request types.	EC/ED: N-Required R-Required C-Required M-Required D-N/A SC/SD: N/A for all ASR Activity
BAN	N, E or Populated Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** N = New E = Existing Populated = Customer BAN <u>BAN = N</u> Verizon ordering system sends customer billing data to wholesale billing system to create a new BAN <u>BAN = E</u> Indicates an existing BAN: Verizon ordering system searches the wholesale billing system for an existing customer BAN in the appropriate LATA. If an existing BAN is found, it is populates in the BAN field. <u>Populated BAN:</u> Indicates a customer specific BAN: Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system, replaces the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. <u>Valid BANS:</u> The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	N-Required R-Required C-Required M-Required D-Optional
QTY	01	**Quantity** Valid values 01 = Stand-alone UNI	N-Required R-Required C-Required M-Required D-Required
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** SC/SD Request Type: 11 character CLLI code of customer POP location. ACTL cannot be Collocated	SC/SD: N-Required R-Required C-Required M-Required D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional R-Optional C-Optional M-Optional D-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required R-Required C-Required M-Required D-Prohibited
SEI	Y	**Switched Ethernet Indicator** Valid value = Y SEI Indicator is required for all SES/TLS UNI service requests. Generates the SES Form.	N-Required R-Required C-Required M-Required D-Required
RPON	Related PON Name	**Related Purchase Order Number** Required on ASR when customer is requesting a Port Speed Change to the UNI	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
RMKS	Optional	**Remarks** Additional information from customer Customer may indicate what is being ordered. [Example: 100M EMS UNI TLS Circuit]	N-Optional R-Optional C-Optional M-Optional D-Optional
ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADMIN SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required R-Required C-Required M-Required D-Required
FUSF	E or N	**Federal Universal Service Fee** Valid values = E or N E = Exempt N = Non-exempt	N-Required R-Optional C-Required M-Prohibited D-N/A
VTA	BLANK, Variable, 36, or 60	**Variable Term Agreement** Valid values BLANK = Month to Month Variable = non-standard contracted term [in months] 36 = 3 year term pricing plan 60 = 5 year term pricing plan	N-Required R-Required C-Required M-N/A D-N/A
PNUM	FB Contract ID	**Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required R-Optional C-Required M-Required D-N/A.
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See EMS UNI ASR Order Matrix JOB AID 9	N-Required R-Optional C-Required M-Required D-N/A.
NCI	Network Channel Interface	**Network Channel Interface Code** See EMS UNI ASR Order Matrix JOB AID 9	N-Required R-Optional C-Required M-Required D-N/A.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See EMS UNI ASR Order Matrix JOB AID 9	N-Required R-Optional C-Required M-Required D-N/A.
SR	BNN or BLANK	**Special Routing Code** Valid values BNN = Diverse Special Routing BLANK = Non Diverse Routing ASR ACT = N, R, C NOTE 1: SR field entry only valid when 4th position of the NC Code = P NOTE 2: Determines diverse or non-diverse application to the SES/TLS Protected Transport. NOTE 3: When SR field is populated on ASR ACT = N, SR field population is required for all subsequent activity. NOTE 4; When SR field is blank on ASR ACT = N, SR field is required to remain BLANK for all subsequent activity.	N-Optional R-Optional C-Optional M-Prohibited D-N/A
IP ADDRESS	Example: 123.52.156.8	**Internet Protocol Address** IP ADDRESS is an optional service offering. Entry required when customer is ordering PING the NID or changing IP Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
IPAI	4	**Internet Protocol Address Identifier** IPAI is an optional service offering. Valid value = 4 Entry required from customer when ordering PING the NID or changing IP Address or Subnet Mask Address	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
SUBNET MASK	Example: 456.55.156.9	**Subnet Mask** SUBNET MASK Address is an optional service offering. Entry required from customer when ordering PING the NID or changing Subnet Mask Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch – Verizon to assign CLLI = CLLI [11 characters]: Customer preferred TLS Switch. NOTE 1: There is no “C” populated prior to the CLLI for the ESP field. Eleven characters only. NOTE: This field replaces the SECLOC field previously available on the End User and Transport ASR forms for TLS Switch CLLI entry	N-Optional R-Optional C-Optional M-Prohibited D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
RMKS	BLANK or POPULATED	**Remarks** ASR ACT = N BLANK [1st ASR for Customer Domain]: Verizon assigns the TLSMID for the 1st customer EMS UNI per domain/LATA. POPULATED [Required]: TLSMID required on subsequent ASR ACT = N requests for new service to an existing customer domain/LATA. EXAMPLE: /TLSM/000001234/132:CIRCUIT 32.KEGS.123456..NY: ASR ACT = C *POPULATED [Required when TLSMID is changing]: Change of TLSMID EXAMPLE: OLD TLSM = /TLSM/123456789/132; NEW TLSM = /TLSM/456789123/132:CIRCUIT 32.KEGS.123456..NY: – OR – OLD TLSM = /TLSM/123456789/132; NEW TLSM = NEW NOTE: The same TLSMID is required for EMS circuits if customer wants communication between multiple EMS circuits.	BLANK N-Optional R-Optional C-Optional M-Optional D-Optional POPULATED N-Required R-Optional *C-Required M-Prohibited D-Prohibited
SALI	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SERVICE ADDRESS FORM [END USER ONLY]**		
AFT	E	**Address Format Type** Identifies the format of the address being supplied. Value = E Optional E = remote location with assigned CLLI. AFT field value of E is permitted when the SASN field on the SALI Form is NOT populated	N-Optional R-N/A C-N/A M-N/A D-N/A
LD	Fields include LD1, LD2, LD3	**Location Designator** Identifies additional specific information related to the service address [e.g. building, floor, room]. LD values are sub locations to the physical premise address.	N-Optional R-N/A C-Optional M-Required D-N/A
LV	Fields include LV1, LV2, LV3	**Location Value** Identifies the value associated with the location designator of the service address [e.g. rear, 12, data]. LV values are consistent with the LD entries for the sub location of the physical premise address NOTE 1: LV field population required when associated LD field is populated	N-Optional R-N/A C-Optional M-Required D-N/A
AAI	Example: See guard for access	**Additional Address Information** Descriptive text relative to the service address	N-Optional R-N/A C-Optional M-Optional D-N/A
JS	D	**Jack Status** Valid value = D D is the only valid entry for SES/TLS UNI services	N-Required R-Optional C-Required M-Required D-N/A
LCON EMAIL	Example: j.doe@ABC.com	**Local Contact Electronic Mail Address** Email address of Local Contact. Optional when LCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
AALCON TEL	Example: 1-800-888-88888	**Additional Alternate Local Contact Telephone Number** Identifies the alternate telephone number associated with the alternate local contact. Optional when the ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
ALCON EMAIL	Example: j.john@ABC.com	**Alternate Local Contact Electronic Mail Address** Email address of Alternate Local Contact. Optional when ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A

JOB AID 9

EMS/EMS-RT UNI ASR ORDER MATRIX
NC/NCI/SECNCI/SPEC CODE & SPECIAL ROUTING ORDERING CODES

* SMF = SINGLE MODE FIBER, **MMF = MULTI MODE FIBER

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
EMS BASIC					
EMS 10M Electrical	KDA-	04LN9.10T	02CXF.10	TLSEMSR	N/A
EMS 10M Electrical Corridor	KDA-	04LN9.10T	02CXF.10	LANVCX	N/A
EMS 10M Electrical Protected Diverse	KDAP	04LN9.10T	02CXF.10	TLSEMSR	BNN
EMS 10M Electrical Protected Diverse Corridor	KDAP	04LN9.10T	02CXF.10	LANVCX	BNN
EMS 10M Electrical Protected Non Diverse	KDAP	04LN9.10T	02CXF.10	TLSEMSR	BLANK
EMS 10M Electrical Protected Non Diverse Corridor	KDAP	04LN9.10T	02CXF.10	LANVCX	BLANK
EMS 100M Electrical	KEA-	04LN9.1CT	02CXF.100	TLSEMSR	N/A
EMS 100M Electrical Corridor	KEA-	04LN9.1CT	02CXF.100	LANVCX	N/A
EMS 100M Electrical Protected Diverse	KEAP	04LN9.1CT	02CXF.100	TLSEMSR	BNN
EMS 100M Electrical Protected Diverse Corridor	KEAP	04LN9.1CT	02CXF.100	LANVCX	BNN
EMS 100M Electrical Protected Non Diverse	KEAP	04LN9.1CT	02CXF.100	TLSEMSR	BLANK
EMS 100M Electrical Protected Non Diverse Corridor	KEAP	04LN9.1CT	02CXF.100	LANVCX	BLANK
EMS 100M Optical *SMF	KEA-	02LNF.A02	02CXF.100	TLSEMSR	N/A
EMS 100M Optical *SMF Corridor	KEA-	02LNF.A02	02CXF.100	LANVCX	N/A
EMS 100M Optical *SMF Protected Diverse	KEAP	02LNF.A02	02CXF.100	TLSEMSR	BNN
EMS 100M Optical *SMF Protected Diverse Corridor	KEAP	02LNF.A02	02CXF.100	LANVCX	BNN
EMS 100M Optical *SMF Protected Non Diverse	KEAP	02LNF.A02	02CXF.100	TLSEMSR	BLANK
EMS 100M Optical *SMF Protected Non Diverse Corridor	KEAP	02LNF.A02	02CXF.100	LANVCX	BLANK
EMS 100M Optical **MMF	KEA-	02LNF.A04	02CXF.100	TLSEMSR	N/A
EMS 100M Optical **MMF Corridor	KEA-	02LNF.A04	02CXF.100	LANVCX	N/A
EMS 100M Optical **MMF Protected Diverse	KEAP	02LNF.A04	02CXF.100	TLSEMSR	BNN
EMS 100M Optical **MMF Protected Diverse Corridor	KEAP	02LNF.A04	02CXF.100	LANVCX	BNN
EMS 100M Optical **MMF Protected Non Diverse	KEAP	02LNF.A04	02CXF.100	TLSEMSR	BLANK
EMS 100M Optical **MMF Protected Non Diverse Corridor	KEAP	02LNF.A04	02CXF.100	LANVCX	BLANK
EMS 1000M Optical *SMF	KFL-	02LNF.A02	02CXF.1GE	TLSEMSR	N/A
EMS 1000M Optical *SMF Corridor	KFL-	02LNF.A02	02CXF.1GE	LANVCX	N/A
EMS 1000M Optical *SMF Protected Diverse	KFLP	02LNF.A02	02CXF.1GE	TLSEMSR	BNN
EMS 1000M Optical *SMF Protected Diverse Corridor	KFLP	02LNF.A02	02CXF.1GE	LANVCX	BNN
EMS 1000M Optical *SMF Protected Non Diverse	KFLP	02LNF.A02	02CXF.1GE	TLSEMSR	BLANK
EMS 1000M Optical *SMF Protected Non Diverse Corridor	KFLP	02LNF.A02	02CXF.1GE	LANVCX	BLANK
EMS 1000M Optical **MMF	KFL-	02LNF.A04	02CXF.1GE	TLSEMSR	N/A
EMS 1000M Optical **MMF Corridor	KFL-	02LNF.A04	02CXF.1GE	LANVCX	N/A
EMS 1000M Optical **MMF Protected Diverse	KFLP	02LNF.A04	02CXF.1GE	TLSEMSR	BNN
EMS 1000M Optical **MMF Protected Diverse Corridor	KFLP	02LNF.A04	02CXF.1GE	LANVCX	BNN
EMS 1000M Optical **MMF Protected Non Diverse	KFLP	02LNF.A04	02CXF.1GE	TLSEMSR	BLANK
EMS 1000M Optical **MMF Protected Non Diverse Corridor	KFLP	02LNF.A04	02CXF.1GE	LANVCX	BLANK
EMS-RT					
EMS-RT 100M Electrical	KEA-	04LN9.1CT	02CXF.1CE	TLSEMSR	N/A
EMS-RT 100M Electrical Corridor	KEA-	04LN9.1CT	02CXF.1CE	LANVCX	N/A
EMS-RT 100M Electrical Protected Diverse	KEAP	04LN9.1CT	02CXF.1CE	TLSEMSR	BNN
EMS-RT 100M Electrical Protected Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CE	LANVCX	BNN
EMS-RT 100M Electrical Protected Non Diverse	KEAP	04LN9.1CT	02CXF.1CE	TLSEMSR	BLANK
EMS-RT 100M Electrical Protected Non Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CE	LANVCX	BLANK
EMS-RT100M Optical *SMF	KEA-	02LNF.A02	02CXF.1CE	TLSEMSR	N/A
EMS-RT100M Optical *SMF Corridor	KEA-	02LNF.A02	02CXF.1CE	LANVCX	N/A
EMS-RT100M Optical *SMF Protected Diverse	KEAP	02LNF.A02	02CXF.1CE	TLSEMSR	BNN

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
EMS-RT100M Optical *SMF Protected Diverse Corridor	KEAP	02LNF.A02	02CXF.1CE	LANVCX	BNN
EMS-RT100M Optical *SMF Protected Non Diverse	KEAP	02LNF.A02	02CXF.1CE	TLSEMSR	BLANK
EMS-RT100M Optical *SMF Protected Non Diverse Corridor	KEAP	02LNF.A02	02CXF.1CE	LANVCX	BLANK
EMS-RT100M Optical **MMF	KEA-	02LNF.A04	02CXF.1CE	TLSEMSR	N/A
EMS-RT100M Optical **MMF Corridor	KEA-	02LNF.A04	02CXF.1CE	LANVCX	N/A
EMS-RT100M Optical **MMF Protected Diverse	KEAP	02LNF.A04	02CXF.1CE	TLSEMSR	BNN
EMS-RT100M Optical **MMF Protected Diverse Corridor	KEAP	02LNF.A04	02CXF.1CE	LANVCX	BNN
EMS-RT100M Optical **MMF Protected Non Diverse	KEAP	02LNF.A04	02CXF.1CE	TLSEMSR	BLANK
EMS-RT100M Optical **MMF Protected Non Diverse Corridor	KEAP	02LNF.A04	02CXF.1CE	LANVCX	BLANK
EMS-RT1000M Optical *SMF	KFL-	02LNF.A02	02CXF.1GJ	TLSEMSR	N/A
EMS-RT1000M Optical *SMF Corridor	KFL-	02LNF.A02	02CXF.1GJ	LANVCX	N/A
EMS-RT1000M Optical *SMF Protected Diverse	KFLP	02LNF.A02	02CXF.1GJ	TLSEMSR	BNN
EMS-RT1000M Optical *SMF Protected Diverse Corridor	KFLP	02LNF.A02	02CXF.1GJ	LANVCX	BNN
EMS-RT1000M Optical *SMF Protected Non Diverse	KFLP	02LNF.A02	02CXF.1GJ	TLSEMSR	BLANK
EMS-RT1000M Optical *SMF Protected Non Diverse Corridor	KFLP	02LNF.A02	02CXF.1GJ	LANVCX	BLANK
EMS-RT1000M Optical **MMF	KFL-	02LNF.A04	02CXF.1GJ	TLSEMSR	N/A
EMS-RT1000M Optical **MMF	KFL-	02LNF.A04	02CXF.1GJ	LANVCX	N/A
EMS-RT1000M Optical **MMF Protected	KFLP	02LNF.A04	02CXF.1GJ	TLSEMSR	BNN
EMS-RT1000M Optical **MMF Protected	KFLP	02LNF.A04	02CXF.1GJ	LANVCX	BNN
EMS-RT1000M Optical **MMF Protected	KFLP	02LNF.A04	02CXF.1GJ	TLSEMSR	BLANK
EMS-RT1000M Optical **MMF Protected	KFLP	02LNF.A04	02CXF.1GJ	LANVCX	BLANK

1. Column 1: Service Description
2. Column 2: NC Code = Network Channel Code of Port
3. Column 3 : NCI Code = Primary Network Channel Interface of Port
4. Column 4 : SECNCI Code = Secondary Network Channel Interface of Port
5. Column 5 SPEC Code EMS/EMS-RT
   TLSEMSR = EMS/EMS-RT
   LANVCX = EMS/EMS-RT Corridor
6. Column 6: SR = Special Routing [BNN=Diverse, BLANK = Non-Diverse]

EMS/EMS-RT UNI
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
KDA-, KDAP	KDGS	36.KDGS.123456..CD
KEA-, KEAP	KEGS	32.KEGS.123456..NY
KFL-, KFLP	KFGS	.KFGS.123456..NJ

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EMS/EMS-RT UNI ASR EXHIBITS

Below are ASR Exhibits for the EMS/EMS-RT UNI Services.

ASR EXHIBIT #1
INSTALL 10 MBPS TLS EMS UNI
ELECTRICAL HANDOFF
MONTH TO MONTH PRICING PLAN
REQUEST TYPE = EC/ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]										
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE			
ABC	EMS10M-NEW		AA	NJ90			View Only			
CC	UNE			SPEC	TLSEMSR	TSP	ReqType	ED	SEI	Y
ACT N	DDD	CUST DDD		FDT		Sup	EXP		EDA	
QSA	BAN	201 M17-XXXX	CUS XXX			LTP	RTR	F		
Cust	D/T Sent	MM/DD/YY TIME		ACTI		TSC	Qty1	0000001		
LA	LA Name			LA Dated		AFO	LAG			
Unit C	ACTL			APOT		LATA 224				
CKR Customer CKR				ECCKT	. KDGS.123456..NJ		ASG			
PIU 100	PLU			WSI		LUP	TQ			
ALBR	AGAUTH		Dated	NMB Applicable			EVCI			
Project	PPTD		RPON			CCVN				
NOR	RORD		AENG			CBD				
	ASC-EC		QNAI	BSA	LNI	JPR	NAG		FBA	
	PSL		PSLI	CNO					QA	
	WST		ISTN			VZB				
	FNI		FNT	RFNI		CFNI				
	SAN		AFG	SPA						
	BIC		BIC Tel			BIC ID				
REMARKS	Optional for customer information – Install one 10M EMS UNI Circuit									

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST			Floor		Room	
City	ANYTOWN			State	STATE	Zip	XXXXX
Bill Contact	ACCESS BILL MGR	Tel N	999-999-9999-8888888	Bill Contact Email			
VTA		VCVTA		IWBAN			
MTCE	APC	MTCE TEL N	999 999-9999				
PNUM	FB1234567						

Circuit Information							
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No			
Init Email							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999		
DSG E		Street	100 MAIN ST	Floor			
Room	E171	City	ANYTOWN	State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY	TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME	DRC		FDRC			

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	EMS10M-NEW	AA	NJ90		View Only

Circuit Details								
NC KDA-	NCI 04LN9.10T	SECNCI 02CXF.10	SR	SBDW	BUM	BI	ES	
PROFE			PROFI					
LAG-ID		LAG-P						
DIVCKT				DIVPON				

Location				
CCEA				
GETO	GBTN	GCON		GTEL
IP ADDRESS			IPAI	SUBNET MASK
ESP CLLI [TLS SWITCH]			OTC	
SECLOC LSO 201XXX		SECLOC SWC NWRKNJXXDXX		

Service Options
REMARKS Optional for customer information [TLSM-ID if existing]
TLSMID TLSM 123456789 224:CIRCUIT .KEGS.123567..NJ:

Primary Service Address Location Information [SALP]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	EMS10M-NEW	AA	NJ90		View Only

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL			AFT		NCON	
SAPR		SANO	123	SASF		SASD			
SASN	MAIN			SATH	ST	SASS			
LD1	FLR	LV1	1			LD2	RM	LV2	COMP
LD3		LV3							
CITY	NEWARK			STATE	NJ	ZIP	XXXXX		
AAI				ICOL		REN			
JKCODE		JKNUM		JKPOS		JS	D		
PCA		SMJK		SI		SPOT			
ALCON		ALCONTEL		AALCON TEL					
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999			LCON EMAIL	J.DOE@ABC.COM		
AACTEL		ACPGN				ACPPN			
ACC		WKTEL							

EMS/EMS-RT
ADDITIONAL INFORMATION AND ASR EXHIBITS
SUBSEQUENT ACTIVITY REQUESTS

Below are additional ASR Ordering examples for SES/TLS EMS/EMS-RT UNI Activity subsequent to an initial ASR Activity of N.

ASR ACTIVITY OF C

There are multiple fields a customer is permitted to change on an ASR Activity of C. The change activities that are presently permitted and automated are listed below:

- Customer Circuit Identifier [CKR field]
- Forbearance Contract ID [PNUM field]
- End User Name [EU NAME field]
- Corridor Change [SPEC Code]
- EMS to EMS-RT and the reverse [SECNCI field]: applies to 100M and 1G speeds only
- PING the NID [add, change, remove] [IP ADDRESS, IPAI, SUB NET MASK fields]
- TSP for TLS Services [TSP field]

NOTE 1: Changes from electrical to optical handoff [and the reverse] are not automated changes: applies to 100M UNI ports only.
NOTE 2: Changes from optical single-mode fiber to optical multi-mode fiber [and the reverse] are not automated changes applies to 100M, 1G, and 10G UNI ports only.
NOTE 3: Changes from EMS to EMS-RT in most cases requires a dispatch to replace the NID.

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

ASR ACTIVITY OF C – CHANGE UNI FROM EMS TO EMS-RT

Change orders for TLS UNI service for EMS/EMS-RT application are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on a UNI circuit from EMS to EMS-RT [same field type entries required for the reverse].

NOTE 1: This type of change is only applicable to UNI circuits with port speeds of 100M or 1G.

NOTE 2: This type of change requires that all ordering components of the UNI remain as is; the only change permitted is to the SECNCI Code.

NOTE 3: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

NOTE 4: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #2
CHANGE UNI FROM EMS TO EMS-RT
100 MBPS TLS UNI
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]										
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE	
ABC	EMS100M-RTCHG			AA	NY01				View Only	
CC		UNE			SPEC	TLSEMSR	TSP		ReqType	ED SEI Y
ACT	C	DDD	CUST DDD		FDT		Sup		EXP	
EDA		QSA	BAN	212 M17-XXXX	CUS	XXX	LTP		RTR	F
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000001
LA		LA Name			LA Dated		AFO		LAG	
Unit	C	ACTL			APOT		LATA	132		
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY			ASG	
PIU	100	PLU			WSI		LUP		TQ	
ALBR		AGAUTH		Dated	NMB	Applicable			EVCI	
Project		PPTD		RPON			CCVN			
NOR		RORD		AENG			CBD			
		ASC-EC		QNAI	BSA	LNI	JPR	NAG	FBA	
		PSL		PSLI	CNO		QA			
		WST		ISTN			VZB			
		FNI		FNT	RFNI		CFNI			
		SAN		AFG	SPA					
		BIC		BIC Tel	BIC ID					
REMARKS	Optional for customer information – Change circuit from EMS to EMS-RT									
Administrative Information [ADM]										
ACNA	ABC			TE		FUSF	E		EBP	
Bill Name	ABC					SBill Name	BILLING MGT			
Street	100 MAIN ST			Floor		Room				
City	ANYTOWN			State	STATE	Zip	XXXXX			
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888				Bill Contact Email	
VTA				VCVTA		IWBAN				
MTCE	APC			MTCE TEL N	999 999-9999					
PNUM	FB1234567									
Circuit Information										
Init	JOHN DOE			TEL No	999-999-9999-8888888			Init Fax No		
Init Email	J.DOE@ABC.COM									
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888			DSG Fax No	999 999-9999	
DSG E	J.DOE@ABC.COM				Street	100 MAIN ST			Floor	
Room	E171				City	ANYTOWN	State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY			TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME			DRC				FDRC		

Switched Ethernet Service Request [SES]										
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE	
ABC	EMS100M-RTCHG			AA	NY01				View Only	
Circuit Details										
NC	KEA-	NCI	04LN9.1CT	SECNCI	02CXF.1CE	SR	SBDW	BUM	BI	ES
PROFE						PROFI				
LAG-ID					LAG-P					
DIVCKT						DIVPON				
Location										
CCEA										
GETO		GBTN			GCON			GTEL		
IP ADDRESS					IPAI		SUBNET MASK			
ESP	NYCMNYXX06W				OTC					
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX					
Service Options										
REMARKS										

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS			CURRENT MODE	
ABC	EMS100M-RTCHG		AA	NY01				View Only	
Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON		
SAPR		SANO	123		SASF		SASD		
SASN	BROADWAY				SATH		SASS		
LD1	FLR	LV1	1		LD2	RM	LV2	COMP	
LD3		LV3							
CITY	MANHATTAN	STATE	NY		ZIP	XXXXX			
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL			AALCON TEL				
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999		LCON EMAIL				
AACTEL		ACPGN			ACPPN				
ACC		WKTEL							

ASR ACTIVITY OF C – CHANGE EMS UNI TLSMID

Change orders for TLS UNI service for EMS/EMS-RT application are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on an EMS/EMS-RT UNI circuit of the TLSMID.

NOTE 1: This type of change is only applicable to EMS/EMS-RT UNI circuits.

NOTE 2: This type of change requires that all ordering components of the UNI remain as is; the only change permitted is to the TLSMID information carried in the SES RMK field.

NOTE 3: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

NOTE 4: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #3
CHANGE TLSMID EMS-RT UNI
CHANGE TLSMID TO OTHER EXISTING TLSMID
1000 MBPS
OPTICAL HANDOFF, SINGLE MODE FIBER
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]								
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE	
ABC	EMS1GTLSMID-CHG		AA	NE01			View Only	
CC	UNE			SPEC TLSEMSR	TSP		ReqType ED	SEI Y
ACT C	DDD CUST DDD			FDT	Sup		EXP	
EDA	QSA	BAN 617 M17-XXXX		CUS XXX	LTP		RTR F	
Cust	D/T Sent MM/DD/YY TIME			ACTI	TSC		Qty1 0000001	
LA	LA Name		LA Dated		AFO		LAG	
Unit C	ACTL			APOT	LATA 128			
CKR Customer CKR				ECCKT 95.KFGS.123456..NE			ASG	
PIU 100	PLU			WSI	LUP		TQ	
ALBR	AGAUTH	Dated		NMB Applicable			EVCI	
Project	PPTD	RPON			CCVN			
NOR	RORD	AENG			CBD			
	ASC-EC	QNAI	BSA	LNI	JPR	NAG	FBA	
	PSL	PSLI	CNO				QA	
	WST	ISTN			VZB			
	FNI	FNT	RFNI		CFNI			
	SAN	AFG	SPA					
	BIC	BIC Tel			BIC ID			
REMARKS Optional for customer information – Change TLSMID								

Administrative Information [ADM]					
ACNA ABC	TE	FUSF E	EBP		
Bill Name ABC		SBill Name BILLING MGT			
Street 100 MAIN ST		Floor	Room		
City ANYTOWN		State STATE	Zip XXXXX		
Bill Contact ACCESS BILL MGR	Tel N 999-999-9999-8888888	Bill Contact Email			
VTA 60	VCVTA	IWBAN			
MTCE APC	MTCE TEL N 999 999-9999				
PNUM FB6786789					

Circuit Information					
Init JOHN DOE	TEL No 999-999-9999-8888888	Init Fax No			
Init Email					
DSG Contact JOHN DOE	TEL No 999-999-9999-8888888	DSG Fax No 999 999-9999			
DSG E	Street 100 MAIN ST	Floor			
Room E171	City ANYTOWN	State STATE	Zip XXXXX		
IMP Contact TECH ON DUTY	TEL No 999 999-9999				
D/T Rec MM/DD/YY TIME	DRC	FDRC			

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	EMS1GTLSMID-CHG	AA	NE01		View Only

Circuit Details									
NC	KFL-	NCI	02LNF.A02	SECNCI	02CXF. 1GJ	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT							DIVPON			

Location									
CCEA									
GETO	GBTN		GCON					GTEL	
IP ADDRESS					IPAI		SUBNET MASK		
ESP	BSTNMAXX06W		OTC						
SECLOC LSO	617 XXX			SECLOC SWC	BSTNMAXXDXX				

Service Options
REMARKS OLD TLSM-ID = TLSM 012345678 128:NEW TLSM-ID = TLSM 234567890 128:CIRCUIT 95.KEGS.456789..NE:

Primary Service Address Location Information [SALP]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	EMS1GTLSMID-CHG	AA	NE01		View Only

Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL			AFT		NCON	
SAPR		SANO	123		SASF		SASD		
SASN	LANDSDOWNE				SATH	ST	SASS		
LD1	FLR		LV1	1			LD2	RM	LV2 COMP
LD3		LV3							
CITY	BOSTON				STATE	MA	ZIP	XXXXX	
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL			AALCONTEL				
ALCON EMAIL									
LCON	JANE DOE		ACTEL	999 999-9999			LCON EMAIL	J.DOE@ABC.COM	
AACTEL			ACPGN				ACPPN		
ACC			WKTEL						

ERS STANDARD UNI SECTION

This portion of the Ordering Guide is exclusive to the ERS Standard UNI Service Type.
The service attributes applicable to the ERS Standard UNI Service Type are listed below in the SERVICE ELIGIBILITY Section.

ETHERNET RELAY SERVICE - ERS STANDARD UNI

ERS [Ethernet Relay Service]
ERS provides point-to-point circuit connectivity between a customer's access lines within the same customer domain/Management VLAN user group. ERS Standard service provides basic UNI attributes and standard level of service transmission via an EVC [Ethernet Virtual Circuit].

ERS Standard UNIs are available as one service class.
ERS Standard UNIs are available in speeds of 10M, 100M, and 1G

SERVICE ELIGIBILITY

ERS Standard UNIs are eligible for:

- Point to Point EVC connections
- Inquiry to Firm or Direct to Firm
- Protected [Diverse or Non-Diverse] on a Firm ASR only
- Northern Corridor UNIs [East Only].
- Recommended Switch on a Firm ASR
- Optical Interface [Single Mode or Multi Mode handoff for all Port Speeds except ERS Standard 10Mbps]
- TSP [Telecommunications Service Priority] on a Firm ASR
- Port Speed Changes
- Inside Moves [Request Type of ED only under specific conditions]
  ERS Standard EVCs are automatically reconnected to the UNI for Inside Moves
- Expedite requests [EXP field = Y]
- Point to Point EVC connections to other ERS Standard UNIs in the same customer domain/ LATA
- UNI/EVC Combination ASR on a Firm ASR only.
- PING the NID on a Firm ASR only

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JOB AID 11

ERS STANDARD UNI - ASR REQUIREMENTS [FIRM]

Below are the applicable screens for the ERS Standard UNI for Firm from Inquiry or Direct to Firm ASRs for the E and S request types.
ASOG fields and BAU fields are required in addition to the TLS ERS product specific fields.
Note 1: ASR Requirements for the UNI/EVC Combination ASR include the screens and fields below and the additional EVC screens and fields following the UNI ASR requirements.

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ASR	**THE FOLLOWING FIELDS ARE REQUIRED ON THE ASR FORM**		
CCNA	Customer CCNA	**Customer Carrier Name Abbreviation**	N-Required R-Required C-Required M-Required D-Required
SPEC	TLSERSS LANVCX	**Service and Product Enhancement Code** ERS Standard TLSERSS = ERS Standard LANVCX = Northern Corridor Service. [Corridor SPEC Code is only applicable for service requests denoting Northern Corridor [NY/NJ] With an ICSC of NY01 or NJ90 [LATA 132 or LATA 224].	N-Required R-Required C-Required M-Required D-N/A
TSP	Telecommunications Service Priority ID	**Telecommunications Service Priority** 12 character code required. 1st – 9th characters = TSP Control ID [computer generated number used for government tracking purposes].. 10th character = a hyphen. 11th and 12th characters = the TSP Priority Code.	N-Optional R-Required if TSP present on CSR C-Required if TSP present on CSR M-Required if TSP present on CSR D-N/A
REQ TYPE	EC, ED SC, SD	**Requisition Type and Status** E = End User S = Network User C in second position of REQ TYPE indicates a Firm from Inquiry request D in second position of REQ TYPE indicates a Direct Firm request	N-Required R-Optional C-Optional M-Required D-N/A
FDT	Example: E05P07P	**Frame Due Time** FDT components require a Time Zone and a time range when the customer is requesting a change be implemented during a specific time period. E = Eastern Time Zone 05P = 5:00 PM [begin time of range] 07P = 7:00 PM [end time of range]	N-Not applicable C-*Optional R-Not applicable M-Prohibited D-Prohibited * For ERS UNI changes this field is optional. If field is BLANK, change is done at the discretion of Verizon provisioning
EXP	Y or BLANK	**Expedite** Expedite services are optional for UNI services. Valid values Y = Yes for Expedite BLANK = No expedite NOTE 1: Prohibited when EDA field is populated.	N-Optional R-N/A C-N/A M-N/A D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EDA	Y or BLANK	**Early Date Acceptance** Earlier due date permitted for UNI services. Valid values Y = Yes for Early Date Acceptance Populated when customer will accept an earlier due date if determined to be available by Verizon. BLANK = No for Early Date Acceptance NOTE 1: Prohibited when EXP field is populated.	N-Optional R-N/A C-N/A M-N/A D- N/A
QSA	01	**Quantity Service Address Location Information** EC/ED: Generates address page for End User requests. QSA field does not apply to SD request types.	EC/ED: N-Required R-Required C-Required M-Required D-N/A SC/SD: N/A for all ASR Activity
BAN	N, E or Populated Valid BANS: M17 [Carrier] M18 [Retail] M59 [Corridor] M58 [SBC] M95 [Collocation]	**Billing Account Number** N = New E = Existing Populated = Customer BAN BAN = N Verizon ordering system sends customer billing data to wholesale billing system to create a new BAN BAN = E Indicates an existing BAN: Verizon ordering system searches the wholesale billing system for an existing customer BAN in the appropriate LATA. If an existing BAN is found, it is populates in the BAN field. Populated BAN: Indicates a customer specific BAN: Verizon ordering system validates the populated BAN in the wholesale billing system. If the validation errors, the ordering system retrieves an existing BAN from the billing system, replaces the customer entered BAN with the valid BAN found in billing, and sends an informational C/NR to the customer; otherwise, the populated BAN is retained on the ASR. Valid BANS: The BAN Identifiers are unique to the SES/TLS Services. The Area Code, the Billing Account Number, and the Customer Code are configured as with other special access services.	N-Required R-Required C-Required M-Required D-Optional
QTY	01	**Quantity** Valid values 01 = Stand-alone UNI Stand-alone UNI - Quantity of 01 required when UNI is a stand-alone circuit.	N-Required R-Required C-Required M-Required D-Required
ACTL	Customer 11 character CLLI	**Access Customer Terminal Location** SC/SD Request Type: 11 character CLLI code of customer POP location. ACTL cannot be Collocated	SC/SD: N-Required R-Required C-Required M-Required D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
CKR	Customer Circuit Identifier	**Customer Circuit Reference** Customer internal identifier for the circuit ID in the customer network	N-Optional R-Optional C-Optional M-Optional D-Optional
PIU	100	**Percentage of Interstate Usage** Valid value 100	N-Required R-Required C-Required M-Required D-Prohibited
EVCI	B or BLANK	**Ethernet Virtual Connection Indicator** Valid values B = UNI/EVC Combination ASR NOTE 1: B is the only valid entry and is required for UNI/EVC Combination ASR. Generates the EVC Screen Pages BLANK = Stand Alone UNI ASR	N-Optional R-Prohibited C-Prohibited M- Prohibited D-Optional
SEI	Y	**Switched Ethernet Indicator** Valid value Y = SEI Indicator is required for all SES/TLS UNI service requests. Generates the SES Form.	N-Required R-Required C-Required M-Required D-Required
RPON	Related PON Name	**Related Purchase Order Number** Required on ASR when customer is requesting a Port Speed Change to the UNI	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
RMKS	Optional	**Remarks** Additional information from customer Customer may indicate what is being ordered. [Example: 10M ERS Standard TLS Circuit]	N-Optional R-Optional C-Optional M-Optional D-Optional
ASR ADM	**THE FOLLOWING FIELDS ARE REQUIRED IN THE ADMIN SECTION OF THE ASR FORM**		
ACNA	Customer ACNA.	**Access Customer Name Abbreviation** Customer ACNA.	N-Required R-Required C-Required M-Required D-Required
FUSF	E or N	**Federal Universal Service Fee** Valid values E = Exempt N = Non-exempt	N-Required R-Optional C-Required M-Prohibited D-N/A
VTA	BLANK, Variable, 36, or 60	**Variable Term Agreement** Valid values BLANK = Month to Month Variable = non-standard contracted term [in months] 36 = 3 year term pricing plan 60 = 5 year term pricing plan	N-Required R-Required C-Required M-N/A D-N/A
PNUM	FB Contract ID	**Promotion Number** Customer private carriage term plan agreement Example: FB1234567	N-Required R-Optional C-Required M-Required D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
SES	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SWITCHED ETHERNET SERVICE FORM**		
NC	Network Channel	**Network Channel Code** See ERS Standard UNI ASR Order Matrix JOB AID 12	N-Required R-Optional C-Required M-Required D-N/A.
NCI	Network Channel Interface	**Network Channel Interface Code** See ERS Standard UNI ASR Order Matrix JOB AID 12	N-Required R-Optional C-Required M-Required D-N/A.
SECNCI	Secondary Network Channel Interface	**Secondary Network Channel Interface Code** See ERS Standard UNI ASR Order Matrix JOB AID 12	N-Required R-Optional C-Required M-Required D-N/A.
SR	BNN or BLANK	**Special Routing Code** Valid values BNN = Diverse Special Routing BLANK = Non Diverse Routing ASR ACT = N, R, C NOTE 1: SR field entry only valid when 4th position of the NC Code = P NOTE 2: Determines diverse or non-diverse application to the SES/TLS Protected Transport. NOTE 3: When SR field is populated on ASR ACT = N, SR field population is required for all subsequent activity. NOTE 4; When SR field is blank on ASR ACT = N, SR field is required to remain BLANK for all subsequent activity.	N-Optional R-Optional C-Optional M-Prohibited D-N/A
IP ADDRESS	Example: 123.52.156.8	**Internet Protocol Address** IP ADDRESS is an optional service offering. Entry required when customer is ordering PING the NID or changing IP Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
IPAI	4	**Internet Protocol Address Identifier** IPAI is an optional service offering. Valid value = 4 Entry required from customer when ordering PING the NID or changing IP Address or Subnet Mask Address	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
SUBNET MASK	Example: 456.55.156.9	**Subnet Mask** SUBNET MASK Address is an optional service offering. Entry required from customer when ordering PING the NID or changing Subnet Mask Address.	N-Optional R-Prohibited C-Optional C-Required when IP exists on CSR M-N/A D-N/A
ESP	BLANK or CLLI	**Ethernet Service Point** Valid values BLANK = No preferred Switch – Verizon to assign CLLI = CLLI [11 characters]: Customer preferred TLS Switch. NOTE 1: There is no “C” populated prior to the CLLI for the ESP field. Eleven characters only.	N-Optional R-Optional C-Optional M-Prohibited D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
ESP		NOTE: This field replaces the SECLOC field previously available on the End User and Transport ASR forms for TLS Switch CLLI entry	
RMKS	Optional	**Remarks** Additional Customer Information	N-Optional R-Optional C-Optional M-Optional D-Optional
SALI	**THE FOLLOWING FIELDS ARE REQUIRED ON THE SERVICE ADDRESS FORM [END USER ONLY]**		
AFT	E	**Address Format Type** Identifies the format of the address being supplied. Value = E Optional E = remote location with assigned CLLI. AFT field value of E is permitted when the SASN field on the SALI Form is NOT populated	N-Optional R-N/A C-N/A M-N/A D-N/A
LD	Fields include LD1, LD2, LD3	**Location Designator** Identifies additional specific information related to the service address [e.g. building, floor, room]. LD values are sub locations to the physical premise address.	N-Optional R-N/A C-Optional M-Required D-N/A
LV	Fields include LV1, LV2, LV3	**Location Value** Identifies the value associated with the location designator of the service address [e.g. rear, 12, data]. LV values are consistent with the LD entries for the sub location of the physical premise address NOTE 1: LV field population required when associated LD field is populated	N-Optional R-N/A C-Optional M-Required D-N/A
AAI	Example: See guard for access	**Additional Address Information** Descriptive text relative to the service address	N-Optional R-N/A C-Optional M-Optional D-N/A
JS	D	**Jack Status** Valid value = D D is the only valid entry for SES/TLS UNI services	N-Required R-Optional C-Required M-Required D-N/A
LCON EMAIL	Example: j.s.doe@ABC.com	**Local Contact Electronic Mail Address** Email address of Local Contact. Optional when LCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
AALCON TEL	Example: 1-800-888-88888	**Additional Alternate Local Contact Telephone Number** Identifies the alternate telephone number associated with the alternate local contact. Optional when the ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A
ALCON EMAIL	Example: j.smith@ABC.com	**Alternate Local Contact Electronic Mail Address** Email address of Alternate Local Contact. Optional when ALCON field is populated.	N-Optional R-N/A C-Optional M-Optional D-N/A

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
THE FOLLOWING ASR SCREENS ARE GENERATED WHEN EVCI FIELD IS POPULATED WITH B [EVCI = B]			
THE FOLLOWING DATA IS REQUIRED ON THE FIRST EVC SCREEN FORM FOR A UNI/EVC COMBINATION ASR EVCI FIELD ON UNI ASR PAGE = B [Page 1 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC01 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Customer EVC number: Identifies a unique customer provided number associated with the Ethernet Virtual Connection.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
NC	Network Channel	**Network Channel Code** See EVC Point to Point ASR Order Matrix JOB AID 14. Required when NUT field is populated, otherwise prohibited.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Conditional
EVCID	BLANK or Populated	**Ethernet Virtual Connection Identifier** Valid values BLANK ASR ACT = N Verizon ordering system generates the EVCID. The EVCID is provider assigned. Populated = ACT D EVCID Example: 32.VLXP.111111..NY EVCID is required when a customer submits an UNI/EVC Combo ASR to disconnect a physical circuit and the associated virtual circuit.	N-N/A R-Prohibited C-Prohibited M-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Valid value 02 = ASR ACT = N 02 or BLANK = ASR ACT = D ASR ACT = N Value of 02 indicates Point to Point EVC. Required and reflects the number of UNI/ENNI termination occurrences being affected by the UNI/EVC service request. ASR ACT = D Value of 02 indicates Point to Point EVC. NOTE: Population is Optional. When NUT field is populated with 02, other required fields in the UNI Mapping Detail Section must be populated. BLANK When NUT field is BLANK then no other fields in the UNI Mapping Detail Section are required.	N-Required C-Prohibited R-Prohibited M-Prohibited D-Optional
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Identifies the customer circuit ID of the Ethernet Virtual Circuit within the customer network	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
UREF	01	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for first circuit [RUID 1] ASR ACT = N 01-EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
UREF		02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 1: When NUT field is populated with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Page 1	
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending UNI circuit information ordered on the UNI/EVC combination ASR. Valid value A = ASR ACT = N NOTE 1: AUNT field = A is required when the EVCI = B on the UNI/EVC combination ASR and the associated RUID 1 and other required fields in the UNI Mapping Detail Section on EVC Page 1 are BLANK. The information on the EVC page where the AUNT field is populated represents the attributes of the UNI circuit being ordered on the combination ASR.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Prohibited
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Identifies the activity that is taking place at the UNI termination point, and references the activity type of the EVC. Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N UACT = N when NUT field = 02 ASR ACT = D UACT entry is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1. UACT = K: K usage is conditional. Entry of K is not permitted on initial issuance of an EVC request. This entry is only valid on a SUPP to cancel.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional K- Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 14 ASR ACT = N NCI Code references the UNI circuit populated in RUID 1 field on EVC Pg 1 or the NCI Code of the pending UNI circuit when the AUNT field = “A”. ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Pg 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCSP	TLS UNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI termination.	N-Optional R-Prohibited C-Prohibited M-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
EVCSP		ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI circuit populated in the RUID 1 field on EVC Page 1. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new UNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against current Customer Service Record of the UNI. If the data retrieved is different from the customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 4: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Page 1.	D-Optional
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** See EVC Activity Table JOB AID 15 Valid values N = New ASR ACT = N N = New is required when CE-VLAN field is populated with customer preferred VLAN-ID. BLANK ASR ACT = N Value = BLANK is required when CE-VLAN field is not populated. ASR ACT = M, D Prohibited.	N-Conditional R-N/A C-N/A M-Prohibited D-Prohibited
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Example: 0123 Valid value POPULATED ASR ACT = N POPULATED = 4 numeric sequence in 1st CE-VLAN field. Population of this field indicates customer is ordering a preferred EVC VLAN ID [VLAN Translation]. NOTE 1: When populated, the same CE-VLAN data is required on all EVC pages of the ASR. NOTE 2: Customer CE-VLAN population is permitted when both RUIDs are Tagged], both RUIDs are Untagged, or one RUID is Tagged and one RUID is Untagged. ASR ACT = N BLANK = Customer is not ordering a preferred EVC VLAN ID NOTE 1: When CE-VLAN field is BLANK, Verizon assigns the EVC VLAN ID and returns the ID to the customer on the FOC.	N-Conditional R-N/A C-N/A M-Prohibited D-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
CE-VLAN		ASR ACT = M, D Prohibited.	
RUID	Example: .KFGS.111111..NJ	**Related UNI/ENNI Identifier** Identifies the TLS UNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 1 field are as follows: ASR ACT = N This field is conditional and references the 1st UNI circuit that the EVC is being mapped from [RUID 1]. NOTE 1: Population of RUID 1 field is required when the AUNT field = BLANK. Population of the RUID 1 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on a UNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 1 and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the RUID 1 and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Conditional R-Prohibited C-Prohibited M-Prohibited D-Optional
LREF	Example: LREF 1	**Level of Service Reference Number** Identifies the Level of Service Reference Number The LREF line carries the required information for the Level of Service and Bandwidth associated to the EVC connection. ASR ACT = N NOTE 1: A single Level of Service and single Bandwidth is required for ERS Standard, entered on LREF 1 line. NOTE 2: LREF data populated on EVC Pg 1 must be the same data populated on EVC Pg 2. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the LREF and other fields in the UNI Mapping Detail Section are not required on EVC Page 1. NOTE 2: When the NUT field is populated. the LREF and other fields on the UNI Mapping Detail Section are required on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Identifies the activity for the level of service as part of the EVC configuration. See EVC Activity Table JOB AID 15 for valid LOSACT activities Valid values N = New/Add D = Disconnect K = Cancel ASR ACT = N N – New is required when the associated LREF field is populated.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
LOSACT		ASR ACT = D Optional D = Disconnect is required when the NUT field = 02, and LREF field is populated. Then LOSACT entry of D is required and other fields in the UNI Mapping Detail Section are required on EVC Page 1. When the NUT field = BLANK and the LREF field is not populated, then no LOSACT field entry is required in the UNI Mapping Detail Section on EVC Page 1. LOSACT = K K = Cancel is only allowed on a SUPP.	
LOS	STANDARD	**Level of Service Name** Identifies a name for a provider-defined level of service performance associated with the Ethernet product offering. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 16 Valid value STANDARD ASR ACT = N NOTE 1: One entry per LREF line for UNI EVC requests is permitted. NOTE 2: Required when LOSACT field is populated. NOTE 3: Required when BDW field is populated ASR ACT = D Optional NOTE 1: When NUT field is populated with 02, and LOSACT field is populated, then LOS entry and other fields in the UNI Mapping Detail Section are required on EVC Pg 1. When NUT field is BLANK and the LOSACT field is not populated, then no LOS field entry is required in the UNI Mapping Detail Section on EVC Pg 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
BDW	EXAMPLE: 10M	**Bandwidth** Identifies the bandwidth rate defined by the Level of Service Data and is a numeric entry in megabits only. See EVC Point to Point Levels of Service and Bandwidth Combinations Table JOB AID 16 ASR ACT = N NOTE 1: One entry on LREF line permitted for ERS Standard UNI EVC requests. NOTE 2: Required when LOSACT field is populated. NOTE 3: Required when LOS field is populated. ASR ACT = D Optional NOTE 1: When NUT field = 02, and LOS field is populated, then BDW entry and other fields in the UNI Mapping Detail Section are required on EVC Pg 1. When NUT field = BLANK and the LOS field is not populated, then no BDW field entry is required in the UNI Mapping Detail Section EVC Pg 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R- Prohibited C- Prohibited M-Prohibited D-Optional

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
PG_of_	Page ___of ___	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 1 of 0 0 2	System generated.
THE FOLLOWING DATA IS REQUIRED ON THE SECOND EVC SCREEN FORM FOR A UNI/EVC COMBINATION ASR EVCI FIELD ON UNI ASR PAGE = B [Page 2 of 2 for Point to Point EVC]			
EVC	**THE FOLLOWING FIELDS ARE REQUIRED ON THE EVC02 FORM**		
EVC NUM	Numeric sequence Example: 0001	**Ethernet Virtual Connection Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Required
NC	Network Channel	**Network Channel Code** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Conditional
EVCID	BLANK or POPULATED	**Ethernet Virtual Connection Identifier** Data must be the same as populated on EVC Pg 1	N-N/A R-Prohibited C-Prohibited M-Prohibited D-Required
NUT	02	**Number of UNI/ENNI Terminations** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCCKR	Customer Circuit Identifier	**Ethernet Virtual Connection Customer Circuit Reference** Data must be the same as populated on EVC Page 1	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
UREF	02	**User Network Interface [UNI/ENNI] Reference Number**: Identifies the reference number associated to the UNI port for which EVC mapping requirements are applied. UNI/ENNI Reference information for second circuit [RUID 2] ASR ACT = N 01-EVC Page 1 02-EVC Page 2 NOTE 1: The total quantity of UREFs must equal the value in the NUT field; each UREF field is numeric and incremental from the previous UREF entry. ASR ACT = D 01-EVC Page 1 02-EVC Page 2 NOTE 2: When NUT field is populated on ASR ACT = D with 02, then UREF and other fields in the UNI Mapping Detail Section are required on EVC Pg 2. When NUT field is BLANK on ASR ACT = D, then no UREF field entry is required in the UNI Mapping Detail Section on EVC Pg 2	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
AUNT	A	**Associated UNI/ENNI Termination** AUNT field represents the pending UNI circuit information ordered on the UNI/EVC combination ASR. Valid value A = ASR ACT = N	N-Required C-Prohibited R-Prohibited M-Prohibited D-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
AUNT		NOTE 1: AUNT field = A is required when the EVCI = B on the UNI/EVC combination ASR and the associated RUID 2 and other required fields in the UNI Mapping Detail Section on EVC Page 2 are BLANK. NOTE: If AUNT field is populated with an "A" on EVC01 Page for UREF01 information, then the AUNT field on the EVC02 page for the UREF02 information must be BLANK.	
UACT	N, D or K	**User Network Interface [UNI/ENNI] Activity Indicator** Data must be the same as populated on EVC Pg 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional K-Conditional
NCI	Network Channel Interface ..	**Network Channel Interface Code** See EVC Point to Point ASR Order Matrix JOB AID 14 ASR ACT = N NCI Code references the Frame Format of the UNI circuit populated in RUID 2 field on EVC Page 2 or the NCI Code of the pending UNI circuit when the AUNT field = "A". ASR ACT = D NCI Code is not required unless other information in the UNI Mapping Detail Section is populated on EVC Page 2.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
EVCSP	TLS UNI Port Switch CLLI	**Ethernet Virtual Connection Switch Point** Identifies the Ethernet switching point, in CLLI code format, at the UNI termination. . [TLS Switch CLLI associated to the circuit ID [RUID 2]. ASR ACT = N NOTE 1: Identifies the TLS Switch CLLI associated to the UNI circuit populated in the RUID 2 field on EVC Page 2. Optional when the associated UREF field is populated and the AUNT field = BLANK. NOTE 2: When AUNT field = "A", the Verizon ordering system populates the EVCSP field associated to the new UNI circuit being provisioned on the combination ASR. NOTE 3: Verizon ordering system validates customer EVCSP entry [if POPULATED] against current Customer Service Record of UNI. If the data retrieved is different from the customer provided CLLI, the ordering system overlays the customer provided EVCSP CLLI with the Verizon system CLLI and sends an informational C/NR to the customer. ASR ACT = D NOTE 1: When NUT field is populated with 02, then EVCSP and other fields in the UNI Mapping Detail Section are required on EVC Page 2. When NUT field is BLANK then no EVCSP field entry is required in the UNI Mapping Detail Section on EVC Pg 2.	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
VACT	N or BLANK	**Customer Edge Virtual Local Area Network Activity Indicator** Data must be the same as populated on EVC Page 1	N-Conditional R-N/A C-N/A M-N/A D-Prohibited
CE-VLAN	POPULATED or BLANK	**Customer Edge Virtual Local Area Network** Data must be the same as populated on EVC Pg 1	N-Conditional R-N/A C-N/A M-N/A D-Prohibited

ASR SCREEN FIELD	ENTRY	NOTES	ACTIVITY TYPE
RUID	Example: .KEGS.111111..NJ	**Related UNI/ENNI Identifier** Identifies TLS UNI Circuit ID for EVC connection, populated in CLS ID format. When EVCI = B the conditions for population of the RUID 2 field are as follows: ASR ACT = N This field is conditional and references the 2nd UNI circuit that the EVC is being mapped to [RUID 2]. NOTE 1: Population of RUID 2 field is required when the AUNT field = BLANK. Population of the RUID 2 field is prohibited when the AUNT field is populated. NOTE 2: For Point-to-Point EVCS, one RUID field must be populated. NOTE 3: Only one occurrence of AUNT = A can be present on a UNI/EVC Combination ASR. ASR ACT = D This field is optional. NOTE 1: When the NUT field = BLANK, the RUID 2 and other fields in the UNI Mapping Detail Section are not required on EVC Page 2. NOTE 2: When the NUT field is populated the RUID 2 and other fields on the UNI Mapping Detail Section are required on EVC Page 2	N-Conditional C-Prohibited R-Prohibited M-Prohibited D-Optional
LREF	Example: LREF 1	**Level of Service Reference Number** Data must be the same as populated on EVC Page 1	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOSACT	N, D, or K	**Level of Service Activity Indicator** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
LOS	STANDARD	**Level of Service Name** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
BDW	EXAMPLE: 10M	**Bandwidth** Data must be the same as populated on EVC Page 1.	N-Required R-Prohibited C-Prohibited M-Prohibited D-Optional
REMARKS	Optional	**Remarks** Additional information from customer	N-Optional R-Prohibited C-Prohibited M-Prohibited D-Optional
PG_of_	Page ___of ___	**Identifies the page number and total number of pages contained in the EVC transaction** EXAMPLE: PG 0 0 2 of 0 0 2	System generated

JOB AID 12

ERS STANDARD UNI ASR ORDER MATRIX
NC/NCI/SECNCI/SPEC CODE & SPECIAL ROUTING ORDERING CODES

* SMF = SINGLE MODE FIBER, **MMF = MULTI MODE FIBER

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS STANDARD TAGGED					
ERS Standard 10M Electrical	KDE-	04LN9.10T	02CXF.10	TLSERSS	N/A
ERS Standard 10M Electrical Corridor	KDE-	04LN9.10T	02CXF.10	LANVCX	N/A
ERS Standard 10M Electrical Protected Diverse	KDEP	04LN9.10T	02CXF.10	TLSERSS	BNN
ERS Standard 10M Electrical Protected Diverse Corridor	KDEP	04LN9.10T	02CXF.10	LANVCX	BNN
ERS Standard 10M Electrical Protected Non Diverse	KDEP	04LN9.10T	02CXF.10	TLSERSS	BLANK
ERS Standard 10M Electrical Protected Non Diverse Corridor	KDEP	04LN9.10T	02CXF.10	LANVCX	BLANK
ERS Standard 100M Electrical	KEE-	04LN9.1CT	02CXF.100	TLSERSS	N/A
ERS Standard 100M Electrical Corridor	KEE-	04LN9.1CT	02CXF.100	LANVCX	N/A
ERS Standard 100M Electrical Protected Diverse	KEEP	04LN9.1CT	02CXF.100	TLSERSS	BNN
ERS Standard 100M Electrical Protected Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	LANVCX	BNN
ERS Standard 100M Electrical Protected Non Diverse	KEEP	04LN9.1CT	02CXF.100	TLSERSS	BLANK
ERS Standard 100M Electrical Protected Non Diverse Corridor	KEEP	04LN9.1CT	02CXF.100	LANVCX	BLANK
ERS Standard 100M Optical *SMF	KEE-	02LNF.A02	02CXF.100	TLSERSS	N/A
ERS Standard 100M Optical *SMF Corridor	KEE-	02LNF.A02	02CXF.100	LANVCX	N/A
ERS Standard 100M Optical *SMF Protected Diverse	KEEP	02LNF.A02	02CXF.100	TLSERSS	BNN
ERS Standard 100M Optical *SMF Protected Diverse Corridor	KEEP	02LNF.A02	02CXF.100	LANVCX	BNN
ERS Standard 100M Optical *SMF Protected Non Diverse	KEEP	02LNF.A02	02CXF.100	TLSERSS	BLANK
ERS Standard 100M Optical *SMF Protected Non Diverse Corridor	KEEP	02LNF.A02	02CXF.100	LANVCX	BLANK
ERS Standard 100M Optical **MMF	KEE-	02LNF.A04	02CXF.100	TLSERSS	N/A
ERS Standard 100M Optical **MMF Corridor	KEE-	02LNF.A04	02CXF.100	LANVCX	N/A
ERS Standard 100M Optical **MMF Protected Diverse	KEEP	02LNF.A04	02CXF.100	TLSERSS	BNN
ERS Standard 100M Optical **MMF Protected Diverse Corridor	KEEP	02LNF.A04	02CXF.100	LANVCX	BNN
ERS Standard 100M Optical **MMF Protected Non Diverse	KEEP	02LNF.A04	02CXF.100	TLSERSS	BLANK
ERS Standard 100M Optical **MMF Protected Non Diverse Corridor	KEEP	02LNF.A04	02CXF.100	LANVCX	BLANK
ERS Standard 1000M Optical *SMF	KFE-	02LNF.A02	02CXF.1GE	TLSERSS	N/A
ERS Standard 1000M Optical *SMF Corridor	KFE-	02LNF.A02	02CXF.1GE	LANVCX	N/A
ERS Standard 1000M Optical *SMF Protected Diverse	KFEP	02LNF.A02	02CXF.1GE	TLSERSS	BNN
ERS Standard 1000M Optical *SMF Protected Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	LANVCX	BNN
ERS Standard 1000M Optical *SMF Protected Non Diverse	KFEP	02LNF.A02	02CXF.1GE	TLSERSS	BLANK
ERS Standard 1000M Optical *SMF Protected Non Diverse Corridor	KFEP	02LNF.A02	02CXF.1GE	LANVCX	BLANK
ERS Standard 1000M Optical **MMF	KFE-	02LNF.A04	02CXF.1GE	TLSERSS	N/A
ERS Standard 1000M Optical **MMF Corridor	KFL-	02LNF.A04	02CXF.1GE	LANVCX	N/A
ERS Standard 1000M Optical **MMF Protected Diverse	KFEP	02LNF.A04	02CXF.1GE	TLSERSS	BNN
ERS Standard 1000M Optical **MMF Protected Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	LANVCX	BNN
ERS Standard 1000M Optical **MMF Protected Non Diverse	KFEP	02LNF.A04	02CXF.1GE	TLSERSS	BLANK
ERS Standard 1000M Optical **MMF Protected Non Diverse Corridor	KFEP	02LNF.A04	02CXF.1GE	LANVCX	BLANK

SERVICE DESCRIPTION	NC	NCI	SECNCI	SPEC	SR
ERS STANDARD UNTAGGED					
ERS Standard 10M Electrical	KDA-	04LN9.10T	02CXF.10N	TLSERSS	N/A
ERS Standard 10M Electrical Corridor	KDA-	04LN9.10T	02CXF.10N	LANVCX	N/A
ERS Standard 10M Electrical Protected Diverse	KDAP	04LN9.10T	02CXF.10N	TLSERSS	BNN
ERS Standard 10M Electrical Protected Diverse Corridor	KDAP	04LN9.10T	02CXF.10N	LANVCX	BNN
ERS Standard 10M Electrical Protected Non Diverse	KDAP	04LN9.10T	02CXF.10N	TLSERSS	BLANK
ERS Standard 10M Electrical Protected Non Diverse Corridor	KDAP	04LN9.10T	02CXF.10N	LANVCX	BLANK
ERS Standard 100M Electrical	KEA-	04LN9.1CT	02CXF.1CN	TLSERSS	N/A
ERS Standard 100M Electrical Corridor	KEA-	04LN9.1CT	02CXF.1CN	LANVCX	N/A
ERS Standard 100M Electrical Protected Diverse	KEAP	04LN9.1CT	02CXF.1CN	TLSERSS	BNN
ERS Standard 100M Electrical Protected Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CN	LANVCX	BNN
ERS Standard 100M Electrical Protected Non Diverse	KEAP	04LN9.1CT	02CXF.1CN	TLSERSS	BLANK
ERS Standard 100M Electrical Protected Non Diverse Corridor	KEAP	04LN9.1CT	02CXF.1CN	LANVCX	BLANK
ERS Standard 100M Optical *SMF	KEA-	02LNF.A02	02CXF.1CN	TLSERSS	N/A
ERS Standard 100M Optical *SMF Corridor	KEA-	02LNF.A02	02CXF.1CN	LANVCX	N/A
ERS Standard 100M Optical *SMF Protected Diverse	KEAP	02LNF.A02	02CXF.1CN	TLSERSS	BNN
ERS Standard 100M Optical *SMF Protected Diverse Corridor	KEAP	02LNF.A02	02CXF.1CN	LANVCX	BNN
ERS Standard 100M Optical *SMF Protected Non Diverse	KEAP	02LNF.A02	02CXF.1CN	TLSERSS	BLANK
ERS Standard 100M Optical *SMF Protected Non Diverse Corridor	KEAP	02LNF.A02	02CXF.1CN	LANVCX	BLANK
ERS Standard 100M Optical **MMF	KEA-	02LNF.A04	02CXF.1CN	TLSERSS	N/A
ERS Standard 100M Optical **MMF Corridor	KEA-	02LNF.A04	02CXF.1CN	LANVCX	N/A
ERS Standard 100M Optical **MMF Protected Diverse	KEAP	02LNF.A04	02CXF.1CN	TLSERSS	BNN
ERS Standard 100M Optical **MMF Protected Diverse Corridor	KEAP	02LNF.A04	02CXF.1CN	LANVCX	BNN
ERS Standard 100M Optical **MMF Protected Non Diverse	KEAP	02LNF.A04	02CXF.1CN	TLSERSS	BLANK
ERS Standard 100M Optical **MMF Protected Non Diverse Corridor	KEAP	02LNF.A04	02CXF.1CN	LANVCX	BLANK
ERS Standard 1000M Optical *SMF	KFL-	02LNF.A02	02CXF.1GN	TLSERSS	N/A
ERS Standard 1000M Optical *SMF Corridor	KFL-	02LNF.A02	02CXF.1GN	LANVCX	N/A
ERS Standard 1000M Optical *SMF Protected Diverse	KFLP	02LNF.A02	02CXF.1GN	TLSERSS	BNN
ERS Standard 1000M Optical *SMF Protected Diverse Corridor	KFLP	02LNF.A02	02CXF.1GN	LANVCX	BNN
ERS Standard 1000M Optical *SMF Protected Non Diverse	KFLP	02LNF.A02	02CXF.1GN	TLSERSS	BLANK
ERS Standard 1000M Optical *SMF Protected Non Diverse Corridor	KFLP	02LNF.A02	02CXF.1GN	LANVCX	BLANK
ERS Standard 1000M Optical **MMF	KFL-	02LNF.A04	02CXF.1GN	TLSERSS	N/A
ERS Standard 1000M Optical **MMF Corridor	KFL-	02LNF.A04	02CXF.1GN	LANVCX	N/A
ERS Standard 1000M Optical **MMF Protected Diverse	KFLP	02LNF.A04	02CXF.1GN	TLSERSS	BNN
ERS Standard 1000M Optical **MMF Protected Diverse Corridor	KFLP	02LNF.A04	02CXF.1GN	LANVCX	BNN
ERS Standard 1000M Optical **MMF Protected Non Diverse	KFLP	02LNF.A04	02CXF.1GN	TLSERSS	BLANK
ERS Standard 1000M Optical **MMF Protected Non Diverse Corridor	KFLP	02LNF.A04	02CXF.1GN	LANVCX	BLANK

1. Column 1: Service Description
2. Column 2: NC Code = Network Channel Code of Port
3. Column 3 : NCI Code = Primary Network Channel Interface of Port
4. Column 4 : SECNCI Code = Secondary Network Channel Interface of Port
5. Column 5 SPEC Code ERS Standard
   TLSERSS = ERS Standard
   LANVCX = ERS Standard Corridor
6. Column 6: SR = Special Routing [BNN=Diverse, BLANK = Non-Diverse]

ERS STANDARD UNI
SERVICE CODE & MODIFIER

NC CODE	SERVICE CODE & MODIFIER	EXAMPLE
KDE- , KDA-, KDEP, KDAP	KDGS	36.KDGS.123456..CD
KEE- , KEA-, KEEP, KEAP	KEGS	32.KEGS.123456..NY
KFE- , KFL-, KFEP, KFLP	KFGS	.KFGS.123456..NJ

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ERS STANDARD UNI ASR EXHIBITS

Below are ASR Exhibits for the ERS Standard UNI Services.

ASR EXHIBIT #1
INSTALL 10 MBPS UNI - TAGGED
ELECTRICAL HANDOFF
MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON		VER	ICSC	STATUS	CURRENT	MODE					
ABC	ERSS10MT-NEW		AA	CP88		View Only						
CC		UNE		SPEC	TLSERSS	TSP		ReqType	ED	SEI	Y	
ACT	N	DDD	CUST DDD	FDT		Sup			EXP			
QSA	1	BAN	202 M17-XXXX	CUS	XXX	LTP			RTR	F		
Cust		D/T Sent	MM/DD/YYTIME	ACTI		TSC			Qty1	0000001		
LA		LA Name		LA Dated		AFO			LAG			
Unit	C	ACTL		APOT		LATA	236					
CKR	Customer CKR			ECCKT	36.KDGS.123456..CD				ASG			
PIU	100	PLU		WSI		LUP			TQ			
ALBR		AGAUTH		Dated		NMB Applicable			EVCI			
Project		PPTD		RPON		CCVN						
NOR		RORD		AENG		CBD						
ASC-EC		QNAI		BSA		LNI	JPR	NAG		FBA		
PSL		PSLI		CNO		QA						
WST				ISTN		VZB						
FNI		FNT		RFNI		CFNI						
SAN		AFG		SPA								
BIC				BIC Tel		BIC ID						
REMARKS	Optional for customer information - Install 10M ERS Standard Tagged UNI											
Administrative Information [ADM]												
ACNA	ABC		TE			FUSF	E		EBP			
Bill Name	ABC					SBill Name	BILLING MGT					
Street	100 MAIN ST					Floor			Room			
City	ANYTOWN					State	STATE		Zip	XXXXX		
Bill Contact	ACCESS BILL MGR		Tel No	999-999-9999-8888888		Bill Contact Email						
VTA			VCVTA			IWBAN						
MTCE	APC		MTCE TEL N	999 999-9999								
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE		TEL No	999-999-9999-8888888		Init Fax No						
Init Email												
DSG Contact	JOHN DOE		TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999					
DSG Email						Street	100 MAIN ST		Floor			
Room	E171		City	ANYTOWN		State	STATE		Zip	XXXXX		
IMP Contact	TECH ON DUTY		TEL No	999 999-9999								
D/T Rec	MM/DD/YY TIME		DRC			FDRC						

Switched Ethernet Service Request [SES]											
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE					
ABC	ERSS10MT-NEW		AA	CP88		View Only					
Circuit Details											
NC	KDE-	NCI	04LN9.10T	SECNCI	02CXF.10	SR	SBDW	BUM	BI	ES	
PROFE						PROFI					
LAG-ID					LAG-P						
DIVCKT						DIVPON					
Location											
CCEA											
GETO		GBTN			GCON			GTEL			
IP ADDRESS					IPAI		SUBNET MASK				
ESP	CLLI [TLS SWITCH]					OTC					
SECLOC LSO	202XXX			SECLOC SWC	BLTMMDXXDXX						
Service Options											
REMARKS											

Primary Service Address Location Information [SALP]											
CCNA	PON		VER	ICSC	STATUS	CURRENT MODE					
ABC	ERSS10MT-NEW		AA	CP88		View Only					
Address Details											
Ref Num 0001											
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON				
SAPR		SANO	123		SASF		SASD				
SASN	BROADWAY				SATH		SASS				
LD1	FLR	LV1	1		LD2	RM	LV2	COMP			
LD3		LV3									
CITY	BALTIMORE				STATE	MD	ZIP	XXXXX			
AAI					ICOL		REN				
JKCODE		JKNUM			JKPOS		JS	D			
PCA		SMJK			SI		SPOT				
ALCON		ALCONTEL									
LCON	JANE DOE	ACTEL	999 999-9999		AACTEL						
ACPGN		ACPPN									
ACC		WKTEL									

ASR EXHIBIT #2
INSTALL 1 GBPS UNI - UNTAGGED
OPTICAL HANDOFF, MULTI MODE FIER
PROTECTED DIVERSE, CORRIDOR
36 MONTH TERM PRICING PLAN
REQUEST TYPE = SD [POP TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC		STATUS			CURRENT MODE		
ABC	ERSS1GTPC-NEW			AA	NY01					View Only		
CC		UNE			SPEC	LANVCX	TSP		ReqType	SD	SEI	Y
ACT	N	DDD	CUST DDD		FDT		Sup		EXP			
QSA		BAN	212 M59-XXXX		CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YYTIME		ACTI				TSC		Qty1	0000001
LA		LA Name			LA Dated				AFO		LAG	
Unit	C	ACTL	NYCMNYXXW02		APOT	NYCMNYXXW02			LATA	132		
CKR	Customer CKR				ECCKT	32.KFGS.123456..NY					ASG	
PIU	100	PLU			WSI				LUP		TQ	
ALBR		AGAUTH		Dated		NMB Applicable					EVCI	
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
ASC-EC		QNAI		BSA		LNI	JPR	NAG	FBA			
		PSL		PSLI			CNO					
		QA										
WST		ISTN				VZB						
		FNI		FNT		RFNI		CFNI				
		SAN		AFG		SPA						
		BIC		BIC Tel		BIC ID						
REMARKS	Optional for customer information – Install 1G UNI with Protection & Diversity											
Administrative Information [ADM]												
ACNA	ABC			TE				FUSF	E	EBP		
Bill Name	ABC			SBill Name	BILLING MGT							
Street	100 MAIN ST			Floor			Room					
City	ANYTOWN						State	STATE	Zip	XXXXX		
Bill Contact	ACCESS BILL MGR			Tel No	999-999-9999-8888888		Bill Contact Email					
VTA	36			VCVTA			IWBAN					
MTCE	APC			MTCE TEL N	999 999-9999							
PNUM	FB1234567											
Circuit Information												
Init	JOHN DOE			TEL No	999-999-9999-8888888		Init Fax No					
Init Email												
DSG Contact	JOHN DOE			TEL No	999-999-9999-8888888		DSG Fax No	999 999-9999				
DSG E				Street	100 MAIN ST		Floor					
Room	E171			City	ANYTOWN		State	STATE	Zip	XXXXX		
IMP Contact	TECH ON DUTY			TEL No	999 999-9999							
D/T Rec	MM/DD/YY TIME			DRC			FDRC					

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERSS1GTPC-NEW	AA	NY01		View Only

Circuit Details										
NC	KFLP	NCI	02LNF.A04	SECNCI	02CXF.1GN	SR	BNN	SBDW	BUM	BI	ES
PROFE						PROFI					
LAG-ID				LAG-P							
DIVCKT								DIVPON			

Location					
CCEA					
GETO	GBTN	GCON			GTEL
IP ADDRESS			IPAI	SUBNET MASK	
ESP	CLLI [TLS SWITCH]		OTC		
SECLOC LSO	212XXX		SECLOC SWC	NYCMNYXXDXX	

Service Options
REMARKS

ERS STANDARD
ADDITIONAL INFORMATION AND ASR EXHIBITS
SUBSEQUENT ACTIVITY REQUESTS

Below are additional ASR Ordering examples for SES/TLS ER Standard UNI Activity subsequent to an initial ASR Activity of N.

ASR ACTIVITY OF C

There are multiple fields a customer is permitted to change on an ASR Activity of C. The change activities that are presently permitted and automated are listed below:

- Customer Circuit Identifier [CKR field]
- Forbearance Contract ID [PNUM field]
- End User Name [EU NAME field]
- Corridor Change [SPEC Code]
- Frame Format Changes [NC and SECNCI fields]
- PING the NID [add, change, remove] [IP ADDRESS, IPAI, SUB NET MASK fields]
- TSP for TLS Services [TSP field]

NOTE 1: Changes from electrical to optical handoff [and the reverse] are not automated changes: applies to 100M UNI ports only.
NOTE 2: Changes from optical single-mode fiber to optical multi-mode fiber [and the reverse] are not automated changes applies to 100M, 1G, and 10G UNI ports only.

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

ASR ACTIVITY OF C – CHANGE UNI FROM NON-CORRIDOR TO CORRIDOR ELIGIBLE

Change orders for TLS UNI service for Corridor/Non-Corridor application are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change on a UNI circuit from Non-Corridor to Corridor [same field type entries required for the reverse].

NOTE 1: This type of change is only applicable to UNI circuits that reside in the NY LATA 132 and the NJ LATA 224.

NOTE 2: This type of change requires that all ordering components of the UNI remain as is; the only change permitted is to the BAN and the SPEC Code.

NOTE 3: ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request.

Any associated EVC to the UNI must be disconnected prior to the change and then re-ordered as a new EVC by the customer after the UNI change has been implemented.

Any non-recurring charge for re-ordering the EVC is billed to the customer's account.

NOTE 4: The service interval for a change request requires six [6] business days.

ASR EXHIBIT #3
CHANGE UNI FROM NON-CORRIDOR TO CORRIDOR ELIGIBLE
100 MBPS TLS UNI ERS STANDARD, TAGGED
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE			
ABC	ERS100M-CORRCHG			AA	NY01				View Only			
CC		UNE			SPEC	LANVCX	TSP		ReqType	ED	SEI	Y
ACT	C	DDD	CUST DDD		FDT		Sup		EXP			
EDA		QSA	BAN	212 M59-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000001		
LA		LA Name			LA Dated		AFO		LAG			
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY			ASG			
PIU	100	PLU			WSI		LUP		TQ			
ALBR		AGAUTH		Dated	NMB Applicable				EVCI			
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI	BSA	LNI	JPR		NAG		FBA	
		PSL		PSLI	CNO		QA					
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Change circuit from Non-Corridor to Corridor											

Administrative Information [ADM]							
ACNA	ABC	TE		FUSF	E	EBP	
Bill Name	ABC			SBill Name	BILLING MGT		
Street	100 MAIN ST	Floor		Room			
City	ANYTOWN	State	STATE	Zip	XXXXX		
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888			Bill Contact Email	
VTA		VCVTA		IWBAN			
MTCE	APC	MTCE TEL N	999 999-9999				
PNUM	FB1234567						

Circuit Information									
Init	JOHN DOE	TEL No	999-999-9999-8888888			Init Fax No			
Init Email	J.DOE@ABC.COM								
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888			DSG Fax No	999 999-9999		
DSG E	J.DOE@ABC.COM			Street	100 MAIN ST			Floor	
Room	E171			City	ANYTOWN	State	STATE	Zip	XXXXX
IMP Contact	TECH ON DUTY			TEL No	999 999-9999				
D/T Rec	MM/DD/YY TIME			DRC				FDRC	

Switched Ethernet Service Request [SES]					
CCNA	PON	VER	ICSC	STATUS	CURRENT MODE
ABC	ERS100M-CORRCHG	AA	NY01		View Only

Circuit Details										
NC	KEE-	NCI	04LN9.1CT	SECNCI	02CXF.100	SR	SBDW	BUM	BI	ES
PROFE					PROFI					
LAG-ID				LAG-P						
DIVCKT					DIVPON					

Location					
CCEA					
GETO		GBTN		GCON	GTEL
IP ADDRESS				IPAI	SUBNET MASK
ESP	NYCMNYXX06W			OTC	
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX

Service Options
REMARKS

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS		CURRENT MODE		
ABC	ERSP100M-CORRCHG		AA	NY01			View Only		
Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON		
SAPR		SANO	123		SASF		SASD		
SASN	BROADWAY				SATH		SASS		
LD1	FLR	LV1	1		LD2	RM	LV2	COMP	
LD3		LV3							
CITY	MANHATTAN	STATE	NY		ZIP	XXXXX			
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL			AALCON TEL				
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999		LCON EMAIL				
AACTEL		ACPGN			ACPPN				
ACC		WKTEL							

ASR ACTIVITY OF C – CHANGE SES/TLS UNI FRAME FORMAT FROM UNTAGGED TO TAGGED

Change orders for TLS UNI service to change the Frame Format of a UNI circuit are permitted on both SD [Network] and ED [End User] Request Types.

The following ASR Exhibit provides the required fields for a customer to populate when requesting a change to the Frame Format of the UNI circuit.

NOTE 1: This type of change requires that all ordering components of the UNI remain as is; the only change is to the NC and SECNCI Codes.

NOTE 3: Any associated EVC to the UNI must be disconnected prior to the Frame Format change and then re-ordered as a new EVC by the customer after the UNI change is implemented.

ASR Activity of C generates a one-time Non-recurring charge to the customer's bill for each UNI change request. Any non-recurring charge for re-ordering the EVC is billed to the customer's account.

NOTE 3: The service interval for a change request requires six [6] business days.

Valid Frame Format Changes and the associated changes to the ASR are listed below:

TYPE OF CHANGE	UNI PORT BANDWIDTH SPEED	NC FROM	NC TO	NCI FROM	NCI TO
Tagged to Untagged	10M ERS Standard	KDE-, KDEP	KDA-, KDAP	02CXF.10	02CXF.10N
Untagged to Tagged	10M ERS Standard	KDA-, KDAP	KDE-, KDEP	02CXF.10N	02CXF.10
Tagged to Untagged	100M ERS Standard	KEE-, KEEP	KEA-, KEAP	02CXF.100	02CXF.1CN
Untagged to Tagged	100M ERS Standard	KEA-, KEAP	KEE-, KEEP -	02CXF.1CN	02CXF.100
Tagged to Untagged	1000M [1G] ERS Standard	KFE-, KFEP	KFL-, KFLP	02CXF.1GE	02CXF.1GN
Untagged to Tagged	1000M [1G] ERS Standard	KFL-, KFLP	KFE-, KFEP	02CXF.1GN	02CXF.1GE

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Complete EVC Disconnect Required

The following change scenarios require the UNI to be free of all EVC circuits.

FROM	TO	EVC STATUS
ERS Standard Tagged	ERS Standard Untagged	Remove all
ERS Standard Untagged	ERS Standard Tagged	Remove all

All EVCs must be disconnected prior to the UNI change and Verizon cannot automatically reconnect the EVCs. The customer must submit separate ASRs to remove each EVC and to reconnect each EVC.

NOTE: UNI Frame Format changes determine the number of EVCs and the configuration of the EVCs that are permitted based on whether the UNI change is from Tagged to Untagged [or the reverse], and the UNI Frame Format of the opposing circuit the EVC is being mapped to.

ASR EXHIBIT #4
CHANGE UNI FRAME FORMAT FROM TAGGED TO UNTAGGED
100 MBPS TLS UNI ERS STANDARD
ELECTRICAL HANDOFF, MONTH TO MONTH PRICING PLAN
REQUEST TYPE = ED [END USER TERMINATION]

CUSTOMER PROVIDED FIELDS
SYSTEM GENERATED FIELDS

Access Service Request [ASR]												
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE			
ABC	ERS100M-FFCHG			AA	NY01				View Only			
CC		UNE			SPEC	TLSERSS	TSP		ReqType	ED	SEI	Y
ACT	C	DDD	CUST DDD		FDT		Sup		EXP			
EDA		QSA	BAN	212 M17-XXXX	CUS	XXX	LTP		RTR	F		
Cust		D/T Sent	MM/DD/YY TIME		ACTI		TSC		Qty1	0000001		
LA		LA Name			LA Dated		AFO		LAG			
Unit	C	ACTL			APOT		LATA	132				
CKR	Customer CKR				ECCKT	32. KEGS.123456..NY			ASG			
PIU	100	PLU			WSI		LUP		TQ			
ALBR		AGAUTH		Dated	NMB Applicable				EVCI			
Project		PPTD		RPON			CCVN					
NOR		RORD		AENG			CBD					
		ASC-EC		QNAI	BSA	LNI	JPR		NAG		FBA	
		PSL		PSLI	CNO		QA					
		WST		ISTN			VZB					
		FNI		FNT	RFNI		CFNI					
		SAN		AFG	SPA							
		BIC		BIC Tel	BIC ID							
REMARKS	Optional for customer information – Change circuit Frame Format from Tagged to Untagged											

Administrative Information [ADM]								
ACNA	ABC	TE		FUSF	E	EBP		
Bill Name	ABC			SBill Name	BILLING MGT			
Street	100 MAIN ST	Floor		Room				
City	ANYTOWN	State	STATE	Zip	XXXXX			
Bill Contact	ACCESS BILL MGR	Tel No	999-999-9999-8888888			Bill Contact Email		
VTA		VCVTA		IWBAN				
MTCE	APC	MTCE TEL N	999 999-9999					
PNUM	FB1234567							

Circuit Information								
Init	JOHN DOE	TEL No	999-999-9999-8888888	Init Fax No				
Init Email	J.DOE@ABC.COM							
DSG Contact	JOHN DOE	TEL No	999-999-9999-8888888	DSG Fax No	999 999-9999			
DSG E	J.DOE@ABC.COM	Street	100 MAIN ST	Floor				
Room	E171	City	ANYTOWN	State	STATE	Zip	XXXXX	
IMP Contact	TECH ON DUTY	TEL No	999 999-9999					
D/T Rec	MM/DD/YY TIME	DRC		FDRC				

Switched Ethernet Service Request [SES]										
CCNA	PON			VER	ICSC	STATUS			CURRENT MODE	
ABC	ERS100M-FFCHG			AA	NY01				View Only	
Circuit Details										
NC	KEA-	NCI	04LN9.1CT	SECNCI	02CXF.1CN	SR	SBDW	BUM	BI	ES
PROFE						PROFI				
LAG-ID					LAG-P					
DIVCKT						DIVPON				
Location										
CCEA										
GETO		GBTN			GCON			GTEL		
IP ADDRESS					IPAI		SUBNET MASK			
ESP	NYCMNYXX06W				OTC					
SECLOC LSO	212XXX			SECLOC SWC	NYCMNYXXDXX					
Service Options										
REMARKS										

Primary Service Address Location Information [SALP]									
CCNA	PON		VER	ICSC	STATUS			CURRENT MODE	
ABC	ERS100M-FFCHG		AA	NY01				View Only	
Address Details									
Ref Num 0001									
PI	Y	EU NAME	JOE'S GRILL		AFT		NCON		
SAPR		SANO	123		SASF		SASD		
SASN	BROADWAY				SATH		SASS		
LD1	FLR	LV1	1		LD2	RM	LV2	COMP	
LD3		LV3							
CITY	MANHATTAN	STATE	NY		ZIP	XXXXX			
AAI					ICOL		REN		
JKCODE		JKNUM			JKPOS		JS	D	
PCA		SMJK			SI		SPOT		
ALCON		ALCONTEL			AALCON TEL				
ALCON EMAIL									
LCON	JANE DOE	ACTEL	999 999-9999		LCON EMAIL				
AACTEL		ACPGN			ACPPN				
ACC		WKTEL							

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EVC POINT TO POINT ASR ORDER MATRIX
TLS UNI/EVC COMBINATION ASR
ERS STANDARD UNI

The matrix below provides the valid combinations for the EVC pages of the ERS Standard UNI/EVC Combination ASR in relation to the NC, NCI Codes, along with a Service Description for the Point-to-Point EVC Service Type.

EVC DESCRIPTION	SERVICE CODE MODIFIER	NC CODE	NCI FOR RUID 1	NCI FOR RUID 2
ERS Standard UNI - Point to Point EVC 02VLN.UNT - Untagged 02VLN.V - Tagged	VLXP	VLP-	02VLN.UNT	02VLN.UNT
			02VLN.UNT	02VLN.V
			02VLN.V	02VLN.UNT
			02VLN.V	02VLN.V

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EVC ACTIVITY TABLE
TLS UNI/EVC COMBINATION ASR
ERS STANDARD UNI

The following activity combinations provide the requirements for EVC Activity on a UNI/EVC Combination ASR. [ASR ACT, UACT, LOSACT, and VACT]

N = New
D = Disconnect
K = Cancel

NOTE: The values populated in the LOS and BDW fields are examples only.

TYPE OF ACTIVITY	ASR ACT	UACT	LOSACT	LOS	BDW	CE-VLAN POPULATED	VACT
Install UNI/EVC [Example: STANDARD 10M] With Preferred EVC VLAN	N	N	N	STANDARD	10M	Yes	N
Install UNI/EVC [Example: STANDARD 10M] No preferred EVC VLAN	N	N	N	STANDARD	10M	No	BLANK
Disconnect UNI/EVC	D	D	N/A	N/A	N/A	N/A	BLANK
Cancel UNI Termination	N	K	N/A	N/A	N/A	N/A	N/A
Cancel a LOS	N	N/A	K	N/A	N/A	N/A	N/A

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EVC POINT-TO-POINT LEVELS OF SERVICE & BANDWIDTH COMBINATIONS TABLE
TLS UNI/EVC COMBINATION ASR
ERS STANDARD UNI

For each Point-to-Point EVC associated to an ERS Standard UNI the customer is required to provide a level of service and specific bandwidth for the EVC.
Below are the valid combinations for this service type.

TLS UNI CIRCUIT TYPE	LEVEL OF SERVICE	BANDWIDTH
ERS Standard	STANDARD	10M, 100M, 1000M