AT&T Mobility 10G to 100G Conversion Dedicated Wavelength MidHaul REQTYP SD

Contents

Frontier Wholesale

Jurisdiction: All
Revised Date: 12/15/2022

OVERVIEW

This document is to provide guidance when performing either a 10Gbps Switched Ethernet Midhaul or 10Gbps Dedicated Wavelength Midhaul Service to a 100Gbps Dedicated Wavelength Service. To qualify for these conversions, the end points of the 10Gbps and 100Gbps must be the same.

Guidelines:

1. Issue new install PON after receiving E2E notification
2. After receiving completion notification, ATTM will swing the traffic to the new circuit
3. Issue disconnect PON(s)

Scenarios:

Switched Ethernet –
- RPON populated to New Dedicated Wavelength Midhaul Install PON
- Project field – 10GTO100GMDHL

–UNI Disconnect – RPON/Project field
–EVC Disconnect – RPON/Project field

Dedicated Wavelength Midhaul
10G Dedicated Wavelength Midhaul Disconnect
- RPON populated to New Dedicated Wavelength Midhaul Install PON
- Project field – 10GTO100GMDHL

ORDERING CODES

SPEED	PNUM	SPEC	SR/Diversity	DIVCKT Required
100G	FOTW**001**AWLMHSCM792	VELTEN1	NNN	NO

PNUM - Ordering 2 circuits

SPEED	PNUM	SPEC	SR/Diversity	DIVCKT Required
100G	FOTW**002**AWLMHSCM792 Used when ordering Diversity. Each circuit will be ordered on a separate PON. (2 circuits for the pair)	VELTEN2	No Diversity Circuit 1 = NNN Circuit 2 = NNN	NO
			With Diversity Circuit 1 = NNN Circuit 2 = BNN or MNN (PON needs to be RPON'd to Circuit 1)	YES

Diversity Code Definitions – SR field on Transport Form

Primary Location	SR	Definition
ACTL/PRILOC	BNN	Diversity at the MTSO/POP
	MNN	Diversity and Alternate Wire Center/POP

NC/NCI/SECNCI Ordering Codes

IEEE Interface speed	NC	NCI	SECNCI	Usage
100GBase – LR4	KJL–	02LNF.CL4	02QBF.CL4	When terminating to Edge Colo
100GBase – LR4	KJL–	02LNF.CL4	02LNF.CL4	When terminating to Macro/Hub

MTSO/POP TO MACRO/HUB

ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ICSC	Frontier ICSC Code	N–Required C–Required R–Required
PON	Customer created PON	N–Required C–Required R–Required
DDD	ACT = N = Negotiated minimum 18 Business Days ACT = C = 6 Business Day Interval ACT = R = 2 Business Day Interval	N–Required C–Required R–Required
REQTYP	SD	N–Required C–Required R–Required
ACT	N, C, R	N–Required C–Required R–Required
CKR	Optional	N–Optional C–Optional R–Optional
QSA	01	N–Required C–Required R–Required
EXP	Populate if Expedite is requested	N–Required C–Required R–Required
RTR	F – Send FOC only S – Send FOC and DLR (Prohibited on ACT R) N – No response required	N–Required C–Required R–Required
EDA	Early Date Acceptance Y – Early Acceptance Authorized Prohibited when EXP field is populated	N–Optional C–Optional R–Optional
PIU	100	N–Required C–Required R–Required
BAN	E, N or Valid CABS BAN	N–Required C–Required R–Required
ECCKT	ECCKT Required when ACT C and R	N – Prohibited C–Required R–Required
QTY	QTY of 1 when 1 circuit requested • PNUM = FOTW**001**AWLMHSCM792 When 2 circuits requested • PNUM = FOTW**002**AWLMHSCM792 • NO Diversity QTY = 2 • With Diversity QTY = 1 and 2 PONs required	N–Required C–Required R–Required

ACTL	11 Character CLLI code of MTSO/POP	N–Required C–Required R–Required
TSP	Example: TSP12345C–E1 Optional on ACT N Required on ACT C and R if TSP was originally ordered	N–Optional C – Conditional R – Conditional
SPEC	See chart on page 3 Ordering codes	N–Required C–Required R–Required
ASC–EC	Required if more than one LEC is involved on NECA Route	N–Required C–Required R–Required

ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ACNA	This field identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	N–Required C–Required R–Required
TE	Indicates that the customer has submitted a tax exemption form to the provider A = F & S B = F & C	N–Optional Required when BAN field equals N C–Optional R – Optional
FUSF	Example: E = Exempt Federal Universal Service Fee	N–Required C–Required R – Optional
BILL_STR	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R – Optional
BILL_CITY	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R – Optional
BILL_STATE	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R – Optional
BILL_ZIP	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R – Optional

BILL CON	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R – Optional
BILL CON TEL NO	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R-Optional
VTA	120 60 – ACT R Reterms	N–Required C–Required R-Required
VTAI	ACT N = A ACT C = C ACT R = A, B or C A = New Variable Term Agreement B = Re-term existing Variable Term Agreement with new start date C = Retain existing Variable Term Agreement with no changes	N–Required C–Required R-Required
PNUM	See chart on page 3 Ordering codes	N–Required C–Required R-Required
CONTACT		
Field	**Entry**	**ASR Activity Type**
INIT	Example: Jane Smith	N–Required C–Required R-Required
INITIATOR TEL	Example: 9999999999	N–Required C–Required R-Required
INIT EMAIL	Example: Jane.Smith@abc.com	N–Required C–Required R-Required
DSGCON	Example: Jane Smith	N–Required C–Required R-Prohibited
DSGCON TEL	Example: 9999999999	N–Required C–Required R-Prohibited
IMPCON	Example: Jane Smith	N–Required C–Required R-Required
IMPCON TEL	Example: Jane Smith	N–Required C–Required R-Required
TRANSPORT		
FIELD	**Entry**	**ASR Activity Type**
NC/NCI/SECNCI	See chart on page 3 Ordering codes	N–Required C–Required R-Required

S25	A	N–Required C–Required R–Required
SECLOC	E	N–Required C–Required R–Required
SR	See chart on page 3 Ordering codes	N–Required C–Required R–Required
SERVICE ADDRESS LOCATION (SALI) FOR SECONDARY LOCATION		
FIELD	**Entry**	**ASR Activity Type**
EUNAME	ATTMOBILITY	N–Required C–Required R–Required
SANO	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order Optional when the SASN field is populated	N–Conditional C–Conditional R–Conditional
SASF	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order Optional when the SANO field is populated	N–Conditional C–Conditional R–Conditional
SASD	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order Optional when the SASN field is populated	N–Conditional C–Conditional R–Conditional
SASN	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order	N–Conditional C–Conditional R–Conditional
SATH	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order Required when the EUNAME is populated	N–Required C–Conditional R–Conditional
SASS	ACT N must match from original address being converted ACT C & R Populate if field was populated on original order Optional when the SASN field is populated	N–Conditional C–Conditional R–Conditional
CITY	ACT N must match from original address being converted Populate City Required when the SASN field is populated	N–Required C–Required R–Required
STATE	Populate State Required when the SASN field is populated	N–Required C–Required R–Required
ZIP	Zip Code Required when the SASN field is populated	N–Required C–Required R–Required
JS	D	N–Required R–Prohibited C–Required
LCON	Identifies the local contact name for access	N–Required C–Required R–Required

MTSO/POP TO EDGE COLOCATION

ASR FORM – ADMINISTRATIVE		
Field	Entry	ASR Activity Type
ICSC	Frontier ICSC Code	N–Required C–Required R–Required
PON	Customer created PON	N–Required C–Required R–Required
DDD	ACT = N = Negotiated minimum 18 Business Days ACT = C = 6 Business Day Interval ACT = R = 2 Business Day Interval	N–Required C–Required R–Required
REQTYP	SD	N–Required C–Required R–Required
ACT	N, C, R	N–Required C–Required R–Required
EXP	Populate if Expedite is requested	N–Required C–Required R–Required
RTR	F – Send FOC only S – Send FOC and DLR (Prohibited on ACT R) N – No response required	N–Required C–Required R–Required
EDA	Early Date Acceptance Y – Early Acceptance Authorized Prohibited when EXP field is populated	N–Optional C–Optional R–Optional
PIU	100	N–Required C–Required R–Required
BAN	E, N or Valid CABS BAN	N–Required C–Required R–Required
ECCKT	ECCKT Required when ACT C and R	N–Prohibited C–Required R–Required
QTY	QTY of 1 when 1 circuit requested • PNUM = FOTW**001**AWLMHSCM792 When 2 circuits requested • PNUM = FOTW**002**AWLMHSCM792 • NO Diversity QTY = 2 • With Diversity QTY = 1 and 2 PONs required	N–Required C–Required R–Required
ACTL	11 Character CLLI code of MTSO/POP	N–Required C–Required R–Required
TSP	Example: TSP12345C-E1 Optional on ACT N Required on ACT C and R if TSP was originally ordered	N–Optional C–Conditional R–Conditional

SPEC	See chart on page 3 Ordering codes	N–Required C–Required R–Required
ASC–EC	Required if more than one LEC is involved on NECA Route	N–Required C–Required R–Required

ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ACNA	This field identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	N–Required C–Required R–Required
TE	Indicates that the customer has submitted a tax exemption form to the provider A = F & S B = F & C	N–Optional Required when BAN field equals N C–Optional R–Optional
FUSF	Example: E = Exempt Federal Universal Service Fee	N–Required C–Required R–Optional
BILL_STR	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R–Optional
BILL_CITY	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R–Optional
BILL_STATE	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R–Optional
BILL_ZIP	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R–Optional
BILL CON	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N C–Optional R–Optional
BILL CON TEL NO	Billing information when BAN field is populated with N	N–Optional Required when BAN field equals N

		C –Optional R–Optional
VTA	120 60 – ACT R Reterms	N–Required C–Required R–Required
VTAI	ACT N = A ACT C = C ACT R = A, B or C A = New Variable Term Agreement B = Re–term existing Variable Term Agreement with new start date C = Retain existing Variable Term Agreement with no changes	N–Required C–Required R–Required
PNUM	See chart on page 3 Ordering codes	N–Required C–Required R–Required

CONTACT		
Field	**Entry**	**ASR Activity Type**
INIT	Example: Jane Smith	N–Required C–Required R–Required
INITIATOR TEL	Example: 9999999999	N–Required C–Required R–Required
INIT EMAIL	Example: Jane.Smith@abc.com	N–Required C–Required R–Required
DSGCON	Example: Jane Smith	N–Required C–Required R–Prohibited
DSGCON TEL	Example: 9999999999	N–Required C–Required R–Prohibited
IMPCON	Example: Jane Smith	N–Required C–Required R–Required
IMPCON TEL	Example: Jane Smith	N–Required C–Required R–Required

TRANSPORT		
FIELD	**Entry**	**ASR Activity Type**
NC/NCI/SECNCI	See chart on page 3 Ordering codes	N–Required C–Required R–Required
S25	A	N–Required C–Required R–Required
SECLOC	C+CLLI Code of Edge Colocation ACTL	N–Required C–Required R–Required
SCCEA	Required when HUB is Edge Colo (Tie down at the Secondary location)	N–Required C–Required

		R–Required
SR	See chart on page 3 Ordering codes	N–Required C–Required R–Required

ACT D – 10G Switched Ethernet Midhaul

UNI Stand Alone ASR Fields

ASR FORM - ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ICSC	Frontier ICSC Code	D-Required
PON	Customer created PON	D-Required
DDD	ACT = D = 5 Business Day Interval Note: UNI DDD must be equal to or after the EVC DDD	D-Required
PROJECT	10GTO100GMDHL	D-Required
REQTYP	ED	D-Required
ACT	D	D-Required
RTR	F - Send FOC only S – Send FOC and DLR (Prohibited on ACT D) N - No response required	D-Required
SEI	Y	D-Required
CKR	FA Code (Cellsite)	D-Optional
ECCKT	Required on disconnect activity	D-Required
BAN	E, N or Fully Populated Current BAN	D-Required
RPON	Field must be populated with the New Connect 100G PON	D-Required
QTY	1	D-Required
SPEC	EPATHU or EPATHUM	D-Optional
BILLING		
Field	**Entry**	**ASR Activity Type**
ACNA	This field identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	D-Required
BILL_STR	Billing information when BAN field is populated with N	D-Optional
BILL_CITY	Billing information when BAN field is populated with N	D-Optional
BILL_STATE	Billing information when BAN field is populated with N	D-Optional
BILL_ZIP	Billing information when BAN field is populated with N	D-Optional
BILL CON	Billing information when BAN field is populated with N	D-Optional
BILL CON TEL NO	Billing information when BAN field is populated with N	D-Optional
PNUM	EPAVW01999MHSCM792	D-Required
CONTACT		
Field	**Entry**	**ASR Activity Type**
INIT	Example: Jane Smith	D-Required
INITIATOR TEL	Example: 9999999999	D-Required
INIT EMAIL	Example: Jane.Smith@abc.com	D-Optional
IMPCON	Example: Jane Smith	D-Required
IMPCON TEL	Example: Jane Smith	D-Required
SES FORM – Switched Ethernet Services		
Field	**Entry**	**ASR Activity Type**
NC/NCI/SECNCI	NC: KSE- NCI: 02LNF.A02 SECNCI: 02CXF.10G	D-Optional
ESP	11 character CLLI	D-Prohibited

EVC Disconnect Stand Alone ASR Fields

ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ICSC	Frontier ICSC Code	D–Required
PON	Customer created PON	D–Required
DDD	ACT = D = 5 Business Day Interval NOTE: EVC DDD must be equal to or prior to the UNI DDD	D–Required
PROJECT	10GTO100GMDHL	D–Required
REQTYP	SD	D–Required
ACT	D	D–Required
EVCI	A	D–Required
RTR	F – Send FOC only S – Send FOC and DLR (Prohibited on ACT D) N – No response required	D–Required
SEI	Y	D–Required
CKR	FA Code (Cellsite)	D–Optional
ECCKT	Required on disconnect activity	D–Required
BAN	E, N or Fully Populated Current BAN	D–Required
RPON	Field must be populated with the New Connect 100G PON	D–Required
QTY	1	D–Required
SPEC	EPATHU	D–Optional
BILLING		
Field	**Entry**	**ASR Activity Type**
ACNA	This field identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	D–Required
BILL_STR	Billing information when BAN field is populated with N	D–Optional
BILL_CITY	Billing information when BAN field is populated with N	D–Optional
BILL_STATE	Billing information when BAN field is populated with N	D–Optional
BILL_ZIP	Billing information when BAN field is populated with N	D–Optional
BILL CON	Billing information when BAN field is populated with N	D–Optional
BILL CON TEL NO	Billing information when BAN field is populated with N	D–Optional
PNUM	EPAVW01999MHSCM792	D–Required
CONTACT		
Field	**Entry**	**ASR Activity Type**
INIT	Example: Jane Smith	D–Required
INITIATOR TEL	Example: 9999999999	D–Required
INIT EMAIL	Example: Jane.Smith@abc.com	D–Optional
IMPCON	Example: Jane Smith	D–Required
IMPCON TEL	Example: Jane Smith	D–Required
EVC FORM		
Field	**Entry**	**ASR Activity Type**
EVCNUM	0001	D–Required
NC	VLP–	D–Required
EVCID	EVC circuit ID	D–Required

ACT D – 10 Gbps Dedicated Wavelength Midhaul Service to 100 Gbps Dedicated Wavelength Midhaul Service

REQTYP SD – TRANSPORT FORM

ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ICSC	Frontier ICSC Code	D–Required
PON	Customer created PON	D–Required
DDD	5 Business Days	D–Required
REQTYP	SD	D–Required
ACT	D	D–Required
CKR	Optional	D–Optional
RTR	F – Send FOC only S – Send FOC and DLR (Prohibited on ACT D) N – No response required	D–Required
BAN	E or Valid CABS BAN	D–Required
ECCKT	ECCKT Required when ACT D	D–Required
QTY	QTY of 1 when 1 circuit requested • PNUM = FOTW**001**AWLMHSCM792 When 2 circuits requested • PNUM = FOTW**002**AWLMHSCM792	D–Required
ACTL	11 Character CLLI code of MTSO/POP or	D–Required
RPON	Field must be populated with the New Connect 100G PON	D–Required
SPEC	VELTEN1 or VELTEN2	D–Required
ASC–EC	Required if more than one LEC is involved on NECA Route	D–Conditional
ASR FORM – ADMINISTRATIVE		
Field	**Entry**	**ASR Activity Type**
ACNA	This field identifies the COMMON LANGUAGE IAC code for the customer who should receive the bill for the ordered service	D–Required
PNUM	FOTW**001**AWLMHSCM792 with SPEC of VELTEN1 FOTW**002**AWLMHSCM792 with SPEC of VELTEN2	D–Required
CONTACT		
Field	**Entry**	**ASR Activity Type**
INIT	Example: Jane Smith	D–Required
INITIATOR TEL	Example: 9999999999	D–Required
IMPCON	Example: Jane Smith	D–Required
IMPCON TEL	Example: Jane Smith	D–Required

Change Log

Date	Page Number	Change
12/15/2022		Initial Document

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