

Frontier Non-Regulated Dark Fiber Front Haul Service AT&T Mobility

Contents

Dark Fiber Process	2
IMPORTANT NOTE:	2
Dark Fiber Scenario	3
1 - Edge Colocation Hub (ACTL) to Macro Tower or Small Cell Node (REQTYP SD)	4
Change Log	6

Frontier Wholesale

Jurisdiction: All Revised Date: 01/09/2023

Dark Fiber Process

This job aid was developed specifically for AT&T Mobility and should not be shared with or used by any other company.

- 1. Contact your Account Manager to obtain an Addendum to the Dark Fiber Schedule
 - a. Once Addendum is signed and Site Walk has been completed
 - b. For a period of nine (9) months after execution
 - i. ATTM will send a Pre-ASR Request to Frontier including the FA Code and the finalized Node LAT/LONG to e-mail CABS.Staff.Support@ftr.com
 - ii. Within five (5) Business Days Frontier shall provide to ATTM the information for the location identified in the Pre-ASR Request via an Excel spreadsheet, per the form shown in Exhibit J, sent via email Pre-ASR Reply

EXHIBIT J : Pre-ASR Reply

NODE FA CODE (CKR)	STATE	MACRO OR SMALL CELL DARK FIBER	# OF FIBER PAIRS	ORIGINAL FIBERS OR ADDT'L FIBERS	NODE STREET NAME, CITY & STATE	NODE LAT	NODE LONG	HUB ADDRESS	HUB FA	ACTL	PNUM

- iii. ATTM shall issue an ASR within ten (10) Business Days after receipt of the Pre-ASR Reply
- c. Nine (9) months after execution
 - i. The steps in 1.b will no longer be followed
 - ii. ATTM will submit an ASR when ready for Frontier to begin the build
- 2. Standard Interval: 120 Business Days
- 3. When an interval shorter than 120 business days is required, ATTM shall populate the expedite field on their initial PON
- 4. At Completion of the Dark Fiber Service, the Project Manager will e-mail Post-Delivery Handoff Tracker (Test results) to ATTM

IMPORTANT NOTE:

The Edge Colo project ID provided by Frontier must be included on all related Edge Colocation connecting service (e.g., Dark Fiber, Switched Ethernet Midhaul, Dedicated Wavelength Midhaul) ASRs until the Edge Colocation service is fully installed and billing. The original Edge Colo project ID is also required once the Edge Colo is billing and a new addendum is required for subsequent new Dark Fiber Services or Midhaul Services.

Dark Fiber Scenario

#	SCENARIO	REQTYP QSA	PNUM	SPEC Code	CCEA	NC/NCI/SENCI	FA Code
1	Edge Colocation	SD	DKFSCM792	DKFBRMT – Primary Macro Tower	YES	LXH-	
	<u>Hub (ACTL) to</u>	01		DKFBRMA – Additional Macro		02QBF.LLX	YES
	<u>Macro Tower or</u>			Tower		02FCF.X	
	<u>Small Cell Node</u>			DKFBRSC – Primary Small Cell			
				DKFBRSA – Additional Small Cell			

**For example, the Tier 1 MRC for Macro Dark Fiber Original Fibers is \$525.00 and, therefore, Customer shall order two (2) Pair. The MRC will appear on the bill(s) as two (2) charges. In this example, one charge will be \$525.00 and another will be \$0.00, subject to Section A.1 of this Exhibit A and Section 2.1.3.1 of Exhibit E to this Wireless Dark Fiber Service Schedule.

Macro Tower 4 primary strands/2ckts Macro Tower 4 additional strands/2ckts

Small Cell 6 Primary strands/3cktsSmall Cell 6 Additional strands/3cktsNode Type and Primary or Additional	FA Code (CKR) position 9 to 11	Examples	SPEC
Macro Primary	MP# (# = 1 or 2)	12345678MP1 – First CKT 12345678MP2 – Second CKT	DKFBRMT DKFBRMT
Macro Additional	MA# (# = 1 or 2)	12345678MA1 – First CKT 12345678MA2 – Second CKT	DKFBRMA
Small Cell Primary	SP# (# = 1,2 or 3)	12345678SP1 – First CKT 12345678SP2 – Second CKT 12345678SP3 – Third CKT	DKFBRSC
Small Cell Additional	SA# (# = 1,2 or 3)	12345678SA1 – First CKT 12345678SA2 – Second CKT 12345678SA3 – Third CKT	DKFBRSA



1 - Edge Colocation Hub (ACTL) to Macro Tower or Small Cell Node (REQTYP SD)

ASR FORM			
Administrative Section Key ASR Field	on Value	ASR Activity Type	
DDD	120 Business Days	N – Required	
PROJECT	See Important Note Above	N- Conditional	
REQTYP	SD	N – Required	
ACT	N	N – Required	
AFO	Pos 1 = Y when QTY is greater than 1	N - Optional	
CKR	Populate with FA Code of Node	N - Required	
QSA	01	N – Required	
RTR	S - Send FOC and DLR	N – Required	
QTY	1 = Total 2 Strands	N – Required	
	2 = Total 4 Strands		
	3 = Total 6 Strands (Valid for Small Cell only)		
EXP	Populate if Expedite is requested	N - Optional	
EDA	Y (Early Date Acceptance)	N – Highly	
		Recommended	
ACTL	Edge Colocation (11-Character CLLI)	N – Required	
SPEC	DKFBRMT – Primary Macro Tower	N - Required	
0, 20	DKFBRMA – Additional Macro Tower		
	DKFBRSC – Primary Small Cell		
	DKFBRSA – Additional Small Cell		
Billing Section			
Key ASR Field	Value		
		ASR Activity Type	
BILLNM - Billing Name	Example: AT&T Mobility	N - Optional	
		N - Required when	
A ON A		BAN field equals N	
ACNA	Access Customer Name Abbreviation	N - Required	
TE	Example:	N - Optional	
	A = F & S	N - Required when	
FLIOF	B=F&C	BAN field equals N	
FUSF	Example:	N - Required	
	E = Exempt Federal Universal Service Fee		
BILL_STR	Example: 2555 Elton St.	N - Optional	
		N – Required when	
		BAN field equals N	
BILL_CITY	Example: Tampa	N - Optional	
		N – Required when	
		BAN field equals N	
BILL_STATE	Example: FL	N - Optional	
		N - Required when	
		DAN field equals N	
		BAN field equals N	
BILL_ZIP	Example: 33709	N - Optional	
BILL_ZIP	Example: 33709		

	Evenende: Jon Dee	N. Ontional
BILL CON	Example: Jon Doe	N - Optional
		N - Required when
		BAN field equals N
BILL CON TEL NO	Example: 8135556597	N - Optional
		N - Required when
PNUM	DKFSCM792	BAN field equals N N - Required
VTA	120 - Initial Term	
VTA		N - Required N - Required
Contact Section	A	N - Required
	Value	ACD Activity Type
Key ASR Field		ASR Activity Type
	Example: Jane Smith	N - Required
INITIATOR TEL	Example: 999999999	N - Required
INIT EMAIL	Example: Jane.Smith@abc.com	N - Required
DSGCON	Example: Jane Smith	N - Required
DSGCON TEL	Example: 999999999	N - Required
IMPCON	Example: Jane Smith	N - Required
IMPCON TEL	Example: 999999999	N – Required
	Form – (ACI) If QTY > 1	
REFNUM	Auto generated - 002, 003 etc.	N – Required when
		AFO populated
CKR	Populate with FA Code of Node when QTY is greater than 1	N – Required
JS	D	N – Required
Transport Form		
Key ASR Field	Value	ASR Activity Type
NC	LXH-	N – Required
NCI	02QBF.LLX	
SECNCI	02FCF.X	
	E	N – Required
SECLOC	-	-
S25	A	N - Required
		-
S25 CCEA	A	N - Required
S25 CCEA	A Tie Down at Edge Colocation	N - Required
S25 CCEA Service Address Lo	A Tie Down at Edge Colocation Cation Information (SALI)	N - Required N - Required
S25 CCEA Service Address Lo Key ASR Field	A Tie Down at Edge Colocation Ocation Information (SALI) Value	N - Required N - Required ASR Activity Type
S25 CCEA Service Address Lo Key ASR Field EUNAME	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node	N - Required N - Required ASR Activity Type N - Required
S25 CCEA Service Address Lo Key ASR Field EUNAME SAPR	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address	N - Required N - Required ASR Activity Type N - Required N - Optional
S25 CCEA Service Address Lo Key ASR Field EUNAME SAPR	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated,	N - Required N - Required ASR Activity Type N - Required N - Optional
S25 CCEA Service Address Lo Key ASR Field EUNAME SAPR SANO	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required)	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional
S25 CCEA Service Address Lo Key ASR Field EUNAME SAPR SANO SASD	A Tie Down at Edge Colocation Decation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Required
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Required N - Optional
S25 CCEA Service Address Lo Key ASR Field EUNAME SAPR SANO SASD SASD SASN SATH	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type Street Directional Suffix	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Required N - Optional N - Optional N - Optional
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SATH SASS	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Required N - Optional N - Optional N - Optional N - Required
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SASN SATH SASS CITY	A Tie Down at Edge Colocation Decation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type Street Directional Suffix City	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Required N - Optional N - Optional N - Required N - Required N - Required
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SASN SATH SASS CITY STATE ZIP	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type Street Directional Suffix City State ZIP	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Conditional N - Required N - Optional N - Optional N - Required N - Required N - Required N - Required
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SASN SATH SASS CITY STATE ZIP LAT	A Tie Down at Edge Colocation Decation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type Street Directional Suffix City State ZIP Latitude (required when SANO not populated, else optional)	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Optional N - Optional N - Optional N - Required N - Required N - Required N - Required N - Required N - Conditional
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SASN SATH SASS CITY STATE ZIP	A Tie Down at Edge Colocation Dcation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Directional Prefix Street Type Street Directional Suffix City State ZIP Latitude (required when SANO not populated, else optional) Longitude (required when SANO not populated, else	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Conditional N - Required N - Optional N - Optional N - Required N - Required N - Required N - Required
S25 CCEA Service Address L Key ASR Field EUNAME SAPR SANO SASD SASD SASN SASN SATH SASS CITY STATE ZIP LAT	A Tie Down at Edge Colocation Decation Information (SALI) Value AT&T Mobility - Node Directional Prefix for Service Address Address Number (optional when LAT/LONG is populated, else required) Street Directional Prefix Street Name Street Type Street Directional Suffix City State ZIP Latitude (required when SANO not populated, else optional)	N - Required N - Required ASR Activity Type N - Required N - Optional N - Conditional N - Optional N - Optional N - Optional N - Optional N - Required N - Required N - Required N - Required N - Required N - Conditional

NCON	γ	N – Required
AAI	Additional Address detail if available	N - Optional
JS	D	N – Required
LCON	Local Contact Name	N – Required
ACTEL	Local Contact Telephone Number	N – Required
LCON_EMAIL	Local contact E-mail address	N – Required
ALCON	ALCON Alternate Local Contact Name	
ALCON TEL	Alternate Local Contact Telephone Number	N - Optional
ALCON EMAIL Alternate Local Contact E-mail address N -		N - Optional

Change Log

Date	Page Number	Change
12/15/2022		Initial Document
1/4/2023	2, 4	Updated Project ID verbiage
1/7/2023	3, 7	Removed Ordering Sceneario's

DISCLAIMER: THIS DOCUMENTATION IS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT OBLIGATE FRONTIER TO PROVIDE SERVICES IN THE MANNER DESCRIBED IN THIS DOCUMENT. FRONTIER RESERVES THE RIGHT AS ITS SOLE OPTION TO MODIFY OR REVISE THE INFORMATION IN THIS DOCUMENT AT ANY TIME WITHOUT PRIOR NOTICE. IN NO EVENT SHALL FRONTIER OR ITS AGENTS, EMPLOYEES, DIRECTORS, OFFICERS, REPRESENTATIVES OR SUPPLIERS BE LIABLE UNDER CONTRACT, WARRANTY, TORT (INCLUDING BUT NOT LIMITED TO NEGLIGENCE OF FRONTIER), OR ANY OTHER LEGAL THEORY, FOR ANY DAMAGES ARISING FROM OR RELATING TO THIS DOCUMENT OR ITS CONTENTS, EVEN IF ADVISED OF THE POSSIBLITY OF SUCH DAMAGES.