Service Schedule F – FirstLight Dark Fiber Service

1. DARK FIBER LEASE

A. Lease. FirstLight grants an exclusive, revocable lease to Customer ("Lease") in the segments of fiber optic strands identified in a Service Order ("Segment") executed by both Parties. Customer and FirstLight intend the Lease to be a lease of personal property to the extent consistent with applicable law. Neither this Agreement nor any Service Order shall grant or convey any title in real or personal property to Customer. Nothing contained in the Agreement or the Lease shall prohibit FirstLight from granting additional leases to third parties.

B. Permitted Use. Customer may only use the Segments for providing telecommunications or data transmission services for its customers or for itself. Customer may not sell, lease, sublease, license, or otherwise transfer the Segments or any rights therein. Customer shall have no more right to use the Segments than FirstLight may legally provide. Customer represents and warrants that it shall use the Segments in accordance with all applicable laws, regulations, court orders, orders of an administrative agency, ordinances, permits, authorizations, licenses, franchises and any other authorizations, including the securing of all permits, authorizations, licenses, franchises, or other authorizations necessary for its leasing and use of the Segments.

C. Customer Equipment. FirstLight shall deliver Segments to a point of demarcation that is typically a patch panel ("Demarc Point"). FirstLight shall have no responsibility for operation or maintenance of any facilities or equipment on the Customer's side of the Demarc Point. All Customer owned or supplied equipment or Facilities that are to be connected to any portion of the Segments shall be installed solely by FirstLight or its contractor. Customer shall have no rights to install its equipment or Facilities or splice to any Segment or portion thereof.

2. PROVISIONING

A. Fiber Testing. Each Segment shall be tested in accordance with the testing standards set forth below. Testing shall be conducted by FirstLight after any installation work necessary for delivering the Segments has been undertaken. Customer shall have the right to witness such testing. Within thirty (30) days after the completion of the testing, if in FirstLight's reasonable opinion the test results comply with the standards set forth below, then FirstLight shall provide such results to Customer with a notice stating the testing is complete and the results. Customer shall have ten (10) days to accept or reject the test results. If Customer rejects the test results, Customer shall provide written notice of such rejection with sufficient detail to reasonably establish the reason for its rejection. FirstLight shall take appropriate steps to correct any deficiency causing Customer's reason to reject the test results. The process of FirstLight testing the Segments and submitting test results to Customer shall be repeated until the test results are accepted by Customer. If Customer fails to deliver a notice of rejection within the aforementioned ten (10) day period following the initial test or any subsequent re-testing, the Segments shall be deemed to be accepted and made commercially available for Customer's use.

3. SEGMENT OPERATIONS

A. Maintenance. FirstLight shall conduct routine scheduled maintenance along all portions of the Segments. Monthly fees for scheduled maintenance ("O&M") shall also be included on an associated Service Order and may be increased 3% annually by FirstLight on each annual anniversary date of the Service Order. FirstLight shall also conduct unscheduled maintenance to correct or prevent potential problems that may inhibit use of or threaten the integrity of the Segments (on FirstLight's side of a Demarc Point) or any other portion of the FirstLight Network. FirstLight shall also conduct emergency maintenance in response to potential or actual damage to the Segments (on FirstLight's side of a Demarc Point) or any portion of the FirstLight Network. Should FirstLight undertake any unscheduled maintenance or emergency maintenance, Customer shall provide all cooperation necessary for FirstLight to conduct either type of maintenance in a timely fashion.

B. Network Move. In the event any portion of a Segment or the FirstLight Network must be relocated by order of any third party acting pursuant to any legal right, including but not limited to condemnation or eminent domain, or due to a bona fide need of FirstLight to protect the operation, integrity or security of the FirstLight Network, then FirstLight shall provide, to the extent practical, sixty (60) days prior notice to Customer of FirstLight's intent to relocate a portion of the FirstLight Network or Segments. FirstLight shall make reasonable, temporary accommodations to continue services for Customer, such as rolling traffic to other fiber optic strands, at an appropriate time(s) during the process of relocating any portion of the FirstLight Network. Customer shall, and agrees to, pay a pro rata portion of the costs to relocate the portion of the FirstLight Network which pro rata share shall be the ratio of the fiber miles of the Segments relocated to the fiber miles of the FirstLight Network that is relocated.

C. Loss of Network. In the event any part of the Segments or FirstLight Network are lost due to any third party acting pursuant to any legal right or an act of condemnation or eminent domain and such Segments or portion of the FirstLight Network cannot be replaced or relocated, resulting in a loss of all or a portion of a Lease, then the affected portion of a Service Order may be cancelled by Customer without liability to FirstLight.

D. Outage Credits. In the event the Segments or any portion there of fail to operate in accordance with the specifications of Exhibit 1 and such failure results in a material loss of transmission capabilities ("Outage"), then Customer shall be entitled to credits to the MRC ("Outage Credits") pursuant to the following table:

Duration of Material Loss of Transmission	Percent of MRC
From 8 hours and < 12 hours	5%
From 12 hours and < 24 hours	15%
From 24 hours and < 36 hours	30%
From 36 hours and < 48 hours	50%
From 48 and longer	100%

Should an Outage last longer than 12 days ("Extended Outage"), Customer may terminate any effected Segments without liability, but shall not be entitled to any Outage Credits. The termination rights of the preceding sentence and Outage Credits are not available when an Outage is due to i) an event of Force Majeure, ii) a third party, or iii) Customer, its agents, contractors, representatives or its customers.

E. No Liens. If any property, whether real or personal, belonging to FirstLight, its affiliates, service providers, vendors, landlords or lessors, becomes subject to any mechanics' lien or other encumbrances, chargeable to or through the Customer, the Customer shall promptly cause such lien or encumbrance to be discharged and released of record (by payment, posting of bond, court deposit or other means) without cost or other liability to FirstLight, provided, however, that if any such lien or encumbrance is not so discharged and released within thirty (30) days after notice by FirstLight to the Customer, then FirstLight may, at its option: (i) pay or secure the release or discharge thereof and the Customer shall indemnify FirstLight and its affiliates, officers, directors and employees, against all costs and expenses (including reasonable attorney's fees) incurred in discharging and releasing such lien or encumbrance, or (ii) terminate this Agreement immediately upon written notice to the Customer.

F. Removal of Customer Property. At the end of each Service Order Term, Customer shall remove all of its equipment and Facilities from any space that is owned, leased, rented, operated or otherwise the responsibility of FirstLight within thirty (30) days of such Service Order Term expiring or being cancelled. Any equipment or Facilities not removed by Customer within such 30 days, may then be removed by FirstLight and stored, sold or otherwise disposed of by FirstLight.All associated costs incurred by FirstLight shall be billed to Customer's account and reimbursable by Customer upon invoicing by FirstLight. Customer agrees to indemnify and hold harmless FirstLight, its officers, directors, employees, affiliates, agents and representatives from and against any claim of any type or nature, including reasonable attorney fees and court costs, brought by any party in relation to FirstLight's removal, storage, sale or other disposal of Customer's equipment or Facilities.

Exhibit 1 TECHNICAL SPECIFICATIONS

1. **Fiber Optic Specifications are as follows:**
   - A. The maximum bi-directional average splice loss shall not exceed 0.15 dB.
   - B. The attenuation must not exceed 0.25 dB/km when measured at a wavelength of 1550 nm using the two-point measurement (TLA/EIA 155-61 or EIA/TIA 155-78).
   - C. The attenuation for the wavelength region from 1525 nm to 1575 nm must not exceed the attenuation at 1550 nm by more than 0.05 dB/km.
   - D. All fiber optics shall be of type G.652d with detailed specifications substantially similar to Corning SMF-28e+ glass. If specifications differ, the differences will be specifically called by location in the fiber path.
   - E. Optical Return loss shall be greater than -34db when evaluated from the demarcation point handoff bulkhead toward the distant end
   - F. All connector assemblies must be UPC physical contact design, and must meet or exceed 50 dB return loss, where required. Connectors must have a mean insertion < 0.4 dB with maximum insertion loss < 0.6 dB. Connector assemblies will be placed in secure locations or have locking covers.

2. **Testing, pursuant to establish compliance with the specifications above shall include the following:**
   - A. All fibers shall be tested bi-directionally at 1310 nm and/or 1550 nm, as applicable, with an OTDR, the subsequent traces shall be inspected for end-to end continuity and for uniform attenuation. These traces will be stored on usb and will be provide in a .SOR or .MSOR format.
   - B. Optical Length: The OTDR will be used to determine the end-to-end optical length of the cable.
   - C. Splice Loss: Splice loss will be measured bi-directionally with an OTDR using the Splice Loss Average method.
   - D. End-to-End Loss: Using a light source and a power meter, the bi-directional connector-to-connector attenuation will be measured for each fiber at 1310 nm and 1550 nm, as applicable. The acceptance average attenuation per kilometer on a per span basis shall be the attenuation set forth by this agreement.
   - E. If requested, chromatic dispersion and polar mode dispersion testing will be provided for an additional fee per fiber characterized.
   - F. Fiber physical path information will be provided in a .kml/.kmz electronic format
   - G. All test results will be provided to the Customer in both electronic .pdf and printed formats, upon request.