

## ADDENDUM TO THE MASTER SERVICE AGREEMENT PRIVATE LINE DIGITAL & OPTICAL SERVICES

This Addendum for Private Line Digital and Optical Services is made by and between iGEM Communications LLC, dba Globalgig, a Texas LLC, and its Affiliates and the customer identified on the applicable Service Order (“Customer”) and is part of their Master Service Agreement between the Parties (“Agreement”). Capitalized terms not defined herein shall have the meaning ascribed to them in the Agreement.

1. Service Description. Private Line Digital and Optical Services (“Service”) are available between Globalgig’s on-net cities on a dedicated point-to-point basis. Two (2) basic configurations are available for Private Line Digital and Optical Service: 1) Point-to-point Service allows for two (2) locations to be connected by one (1) dedicated transport service; and 2) Private Line Hub Service which allows Globalgig to aggregate multiple lower point-to-point services terminating at multiple locations onto one (1) higher capacity service terminating at another location. Ethernet Service is available as a point-to-point service at speeds of 50Mbps, 100Mbps, 150Mbps, 300Mbps, 600Mbps, and 1000Mbps. All other speeds shall be evaluated on an individual case basis.
2. Service Orders. Customer may submit a Service Order to Globalgig for Services. A Service Order includes, at a minimum, rates and charges, the requested originating and terminating location(s), quantity of Services or products, and the Service Term. An additional non-recurring and/or monthly recurring charge, which may not be otherwise reflected on the Service Order, may apply.
3. Monthly Charges. Customer will be invoiced monthly in advance (prorated for any partial month) for each Service component and the charges for other services received. The first invoice shall be for the first two (2) months (prorated for any partial month) of the Service Term; each invoice thereafter shall be for the subsequent month.
4. Definition. The below terms shall be defined as follows. \*Denotes availability on an ICB only.

“Circuit” means a DS-0, DS-1, DS-3, E-1\*, E-3\*, OC-3c, OC-12c, OC-12c 1+0, OC-48c, OC-48c 1+0, OC-192c, OC-192c 1+0, STM1c or STM4c.

“DS-0” means a Circuit complying with TR-TSY-000333 “Switched and Special Access Services - Transmission Parameter Limits and Interface Combinations” Issue 1, July 1990.

“DS-1” is a signal conforming to the requirements set forth in Sections 9.3 and 10.2 of Bellcore TR-NWT-000499, Issue 5, December 1993.

“DS-3” is a signal conforming to the requirements set forth in Section 9.6 and 10.5 of Bellcore TR-NWT-000499, Issue 5, December 1993.

“Ethernet” is a protocol employing Carrier Sense Multiple Access with Collision Detection, as specified by the Institute of Electrical and Electronic Engineers (IEEE) standards 802.3 and its subparts.

“E-1” is a European digital transmission format devised by the “International Telecommunications Union – Telephone Standard (“ITU-TS”) and given the name by the Conference of European Postal and Telecommunication Administration (“CEPT”). E-1 carries signals at 2.048 Mbps (32 channels at 64Kbps) and is available only on an ICB.

“E-3” is a European digital transmission format devised by the ITU-TS and given the name by the CEPT. E-3 carries 16 E-1 signals with a data rate of 34.368 Mbps and is available only on an ICB.

“Full Circuit IPL Service” means a Circuit whereby both local and foreign-end international Circuits are provided by Globalgig.

“Half Circuit IPL Service” means a Circuit whereby Globalgig provides domestic-end half-Circuit and Customer, or Customer’s end user, coordinates and procures matching half-Circuits directly from the foreign-end carrier.

“International Circuit” means an E-1, E-3, STM1, STM4, DS-1, DS-3, OC-3c, or an OC-12. A Circuit shall be considered an International Circuit if at any time it is operational outside the domestic United States of America, regardless of the origination and/or termination of the signal. All such International Circuits shall be considered a part of “International Service.”

“OC-3c” is a signal based on the SONET frame structure as specified in Bellcore GR-253-CORE, Synchronous Optical Network (SONET) Transport Systems: Common Criteria Physical Layer, and ANSI T1.105, Digital Hierarchy-Optical Interface Rates and Formats Specifications

“OC-12c” is a signal based on the SONET frame structure as specified in Bellcore GR-253-CORE, Synchronous Optical Network (SONET) Transport Systems: Common Criteria Physical Layer, and ANSI T1.105, Digital Hierarchy-Optical Interface Rates and Formats Specifications.

“OC-12c Unprotected (1+0)” – 622.08 megabits Lambda – is the ANSI SONET transmission standard for high-capacity optical telecommunications with line rate of 622.08 Mbps in unprotected configuration, as specified in Bellcore GR-253-CORE.

“OC-48c” is a signal based on the SONET frame structure as specified in Bellcore GR-253-CORE, Synchronous Optical Network (SONET) Transport Systems: Common Criteria Physical Layer, and ANSI T1.105, Digital Hierarchy-Optical Interface Rates and Formats Specifications.

“OC-48c Unprotected (1+0)” – 2.5 gigabits Lambda – is the ANSI SONET transmission standard for high-capacity optical telecommunications with line rate of 2.5 Gbps in unprotected configuration, as specified in Bellcore GR-253-CORE.

“OC-192c” is a signal based on the SONET frame structure as specified in Bellcore GR-253-CORE, Synchronous Optical Network (SONET) Transport Systems: Common Criteria Physical Layer, and ANSI T1.105, Digital Hierarchy-Optical Interface Rates and Formats Specifications.

“OC-192c Unprotected (1+0)” – 9.6 gigabits Lambda – is the ANSI SONET transmission standard for high-capacity optical telecommunications with line rate of 9.6 Gbps in unprotected configuration, as specified in Bellcore GR-253-CORE.

“Protected Service (1+1) for OC-3c, OC-12c, OC-48c and OC-192c” refers to the ANSI SONET (Synchronous Optical Network) transmission standard for high-capacity optical telecommunications whose line rate is 155.52 Mbps for OC-3c, 622.08 Mbps for OC-12c, 2.5 Gbps for OC-48c and 9.6 Gbps for OC-192c. The SONET standard is further defined in the “Bellcore Synchronous Optical Network (SONET) Transport Systems” Common Generic Criteria GR-253-CORE, Issue 2, December, 1995.

“STM1c” means Synchronous Transport Module 1 concatenated, which is the Synchronous Digital Hierarchy “SDH” standard for transmission over OC-3 optical fiber at 155.52 Mbps.

“STM4c” means Synchronous Transport Module 4 concatenated, the SDH standard for transmission over OC-12 optical fiber at 622.08 Mbps.

“Unprotected (1+0)” refers to an unprotected Circuit, which operates without redundant electronics and will have an annual system availability of ninety-nine percent (99%) or better. The Customer interface consists of a transmit and receive two (2) fiber interface for a working (WK) system.

5. Acceptance of This Addendum. By accepting this Addendum, Customer agrees to receive and pay for the Service or product provided by Globalgig, including any subsequent Service Orders under the terms and conditions of this Addendum.

This Addendum is made part of and incorporated in the Agreement and constitutes the entire agreement by Globalgig and Customer pertaining to the subject matter hereof. Any and all Services pertaining to the subject matter hereof and active as of the Effective Date shall be governed by the terms and conditions herein.

[Remainder of page intentionally left blank.]