

AMENDMENT NO. 3

TO AGREEMENT FOR CONTRACTUAL SERVICES

THIS AMENDMENT TO THE AGREEMENT FOR CONTRACTUAL SERVICES (“Amendment No. 3”) by and between the **CITY OF CARSON** (“City”) and **CHARTER COMMUNICATIONS OPERATING, LLC** a Delaware limited liability company (“Consultant”) is effective as of the 2nd day of October, 2022.

RECITALS

A. City and Consultant entered into that certain Agreement for Contractual Services dated January 23, 2018 (“Agreement”) and Spectrum Customer Service Order # 9032357, dated January 29, 2018 (“Service Order”) whereby Consultant agreed to provide point to point data circuits to all City of Carson facilities, and internet to City Hall, Carson Park, Corporate Yard, Community Center and Veterans Park/Sports Complex, as well as local and long-distance phone service to all City of Carson facilities.

B. The Agreement Term is 36 months extendable by mutual agreement on a month to month basis for an additional 12 months. Additionally, based on the nature of Services where the start date of Services for each location to be provided Services (“Serviced Locations”) was staggered, the Term as respecting each location commenced on the date the Services became functional in all material aspects and available for use by City for each such location. By way of example, the Term with respect to the City Hall location commenced October 3, 2019 and expired October 2, 2022 (“City Hall Expiration Date”), and for Hemingway Park, it commenced July 23, 2020 and will expire July 22, 2023.

C. On July 17, 2018, City and Consultant amended the Agreement (“Amendment No. 1”) to modify the Contract Sum because the Contract Sum reflected an underestimated amount of likely fees and taxes to which the Services are subject.

D. There exists the Carson Disaster Council created for purposes of providing for the preparation and carrying out of plans for the protection of persons and property within the City in the event of an emergency. Section 3705 of the City’s Municipal Code (“CMC”) provides that the Disaster Council’s Director of Emergency Preparedness is authorized to obtain vital supplies, equipment and other property needed for protection of life and property when there’s been a proclamation of local emergency. On March 17, 2020, through Resolution No. 20-053, the City Council made a proclamation of local emergency due to the Covid-19 worldwide pandemic.

E. Due to the pandemic, many children, including children within the City and those between the ages 5 through 12, have been relegated to “latch-key children” status due to their parents’ need to go to work while schools have been closed. Children, especially younger children, when left alone can be a danger to themselves and perhaps others as they are prone to causing accidents.

F. City sought to create a Wifi in the Park program to allow these “latch-key children” ages 5 through 12 (and perhaps later add older-aged children) to attend school or participate in

other virtual learning programs while being supervised by City employees at various City parks, thereby helping to protect the lives and safety of the children and others alike.

G. On December 24, 2020, City and Consultant again amended the Agreement (“Amendment No. 2”) to increase the bandwidth available at various City parks to allow City to operate its Wifi in the Park program at those parks, and to increase the Contract Sum accordingly. The City Manager, as the City Administrator and Disaster Council’s Director of Emergency Preparedness under CMC Section 3704, was authorized to and did approve Amendment No. 2 pursuant to CMC Section 3705.

H. Now, City and Consultant seek to again amend the Agreement for the purpose of (1) extending the Term for two (2) years commencing on or as soon as practicable following the City Hall Expiration Date so that the Term for all Serviced Locations will expire as closely to the same time with each other as possible on or shortly after October 2, 2024, it being understood that the effective date of the extended two (2) year Term will possibly commence on different dates for each of the Serviced Locations upon installation and commencement of Consultant’s provision of the modified Services such that said modified Services will become functional in all material aspects and made available for use by City (“Extension Turn-up Date”) as contemplated under this Amendment No.3, except that the two (2) year extension will not apply to two of the Serviced Locations (Community Center at 801 E. Carson St. and Hemingway Aquatic Center at 16605 San Pedro St.) as the Term for such locations (“Expiring Serviced Locations”) will expire as originally contemplated in the Agreement (for avoidance of doubt City, shall continue to pay rates and charges for the two referenced Serviced Locations pursuant to the terms of the original Agreement, as amended by Amendment No. 1 and Amendment No. 2); (2) increasing bandwidth and speed in part to support City’s installation of numerous cameras throughout the Serviced Locations, and remove certain PRI and BCP lines; (3) adjusting pricing for the Serviced Locations effective as of the Extension Turn-up Date applicable to each of the Serviced Locations, exclusive of the Expiring Serviced Locations the pricing for which will continue as originally contemplated in the Agreement until the Term expires for each location; (4) removing Carson Park/Carson Pool (21411 S. Orrick St.) from among the Serviced Locations because that site never received nor will need service; and (5) modifying the Corporate Yard address.

I. City and Consultant now desire and intend to amend the Agreement and cause this Amendment No. 3 to be effective retroactive to October 2, 2022, and to ratify and affirm the continuous and uninterrupted term of the Agreement from the effective date of the Agreement until and through expiration of the Extension Term, as defined below.

J. Under Section 2611(i)(12) of the CMC, City represents that procurement of City’s utilities such as those provided by Consultant are exempt from City’s bidding requirements.

TERMS

1. **Contract Changes.** The Agreement is amended as provided herein. Deleted text is indicated in ~~strikethrough~~ and added text in ***bold italics***.

a. **Section 2.1 (Contract Sum) of the Agreement is hereby amended to read in its entirety as follows:**

“Subject to any limitations set forth in this Agreement, City agrees to pay Consultant the amounts specified in the “Schedule of Compensation” attached hereto as Exhibit “C” and incorporated herein by this reference. The total compensation, including reimbursement for actual expenses, shall not exceed *One Million One Hundred One Thousand Eight Hundred Sixty Five Dollars and Twenty Eight Cents* ~~Eight Hundred Six Thousand Two Hundred Fifty Eight Dollars and Forty Eight Cents~~ (\$1,101,865.28~~\$806,258.48~~) (the “Contract Sum”), unless additional compensation is approved pursuant to Section 1.7.”

b. **Section 3.4 (Term) of the Agreement is hereby amended to read in its entirety as follows:**

“Unless earlier terminated in accordance with Article 7 of this Agreement, this Agreement shall continue in full force and effect until completion of the services but not *later than October 2, 2024 or shortly thereafter, as more specifically detailed immediately below. Such expiration date of the Term reflects a two (2) year extension commencing on or as soon as practicable following October 2, 2022 (“Extension Turn-up Date”) so that the Term for all locations serviced under this Agreement through the entire Term, as extended (“Serviced Locations”) will expire as closely to the same time as possible for each of the locations on or shortly after October 2, 2024, it being understood that the effective date of the extended two (2) year Term (“Extension Term”) will possibly commence on different dates for each of the Serviced Locations upon installation and commencement of Consultant’s provision of the modified Services set forth in Section I.A. of Exhibit C and that will become functional in all material aspects and made available for use by City, except that the two (2) year extension will not apply to two of the Serviced Locations (i.e., the Community Center at 801 E. Carson St., 90745 and Hemingway Aquatic Center at 16605 San Pedro St., 90746) as the Term for such locations (“Expiring Serviced Locations”) will expire as originally contemplated in the Agreement ~~exceeding 36 months from the date hereof.~~ Notwithstanding anything else in this Section 3.4, Consultant shall comply with the performance requirements set out, ~~except as otherwise provided~~ in the Schedule of Performance (Exhibit “D”). The Parties, by mutual agreement, may extend the Agreement on a month-to-month basis for an additional twelve (12) months.*

As referenced above, based on the nature of the Services, and based on potential staggering of the start of the Services at each location, the Term for each Serviced Locations shall begin starting on the date the Services are functional in all material respects and available for use (the “Turn-up Date”), and continuing for the amount number of time months specified herein. The Extension Term for the Serviced Locations with the exception of the Expiring Serviced Locations will commence on the Extension Turn-up Date applicable to each such location and will continue until expiration of the Extension Term period.”

c. Exhibits “A-1” through “A-6” of the Agreement are hereby deleted and replaced with Exhibits “A-1” through “A-7,” attached hereto and incorporated herein by this reference.

d. Section I.A is hereby added to Exhibit “C” (Schedule of Compensation) of the Agreement to read in its entirety as follows:

Commencing on the Extension Turn-up Date as applied to the Serviced Locations, Consultant shall perform the following Services at the following Monthly Recurring Charges (MRCs), which shall be charged prior to the provision of the Services:

Priority	Name	Address	Service	Speed	MRC
1	City Hall	701 E. Carson St.	HUB Aggregate Bandwidth Dedicated Internet	500 Mbps	\$1,479.00
			ELAN	1 Gbps	\$990.00
2	Corporate Yard	18620 S. Broadway	ELAN	500 Mbps	\$770.00
3	Veterans Part/Sports Complex	22400 Moneta Ave.	ELAN	500 Mbps	\$770.00
4	Stevenson Park/Gym	905 East Franke	ELAN	500 Mbps	\$770.00
5	Scott Park	23410 Catskill	ELAN	500 Mbps	\$770.00
	Scott Pool				
6	Dominguez Park	21330 Santa Fe Ave.	ELAN	500 Mbps	\$770.00
	Dominguez Aquatic Center				
7	Anderson Park	19101 S. Wilmington Ave.	ELAN	500 Mbps	\$770.00

Priority	Name	Address	Service	Speed	MRC
8	John D. Calas, Sr. Park	1000 E. 220th Street	ELAN	500 Mbps	\$770.00
9	Dolphin Park	21205 S. Water Street	ELAN	500 Mbps	\$770.00
10	Hemingway Park	700 E. Gardena Blvd.	ELAN	500 Mbps	\$770.00
11	Carriage Crest Park	23800 Figueroa St.	ELAN	500 Mbps	\$770.00
12	Del Amo Park	703 East Del Amo Blvd.	ELAN	500 Mbps	\$770.00
13	Mills Park	1340 E. Dimondale Dr.	ELAN	500 Mbps	\$770.00
MRCs					\$11,709.00
ESTIMATED MONTHLY FEES AND TAXES					\$607.95
MRC PLUS ESTIMATED MONTHLY FEES AND TAXES					\$12,316.95
TOTAL FOR 24 MONTHS (\$12,316.95 x 24)					\$295,606.80
ESTIMATED TOTAL CONTRACT SUM (\$806,258.48 + \$295,606.80)					*\$1,101,865.28

*This is an estimate only as an attempt to capture the Contract Sum commencing the start of the Agreement term. The actual Contract Sum will reflect the actual amounts invoiced and paid for the various locations serviced, including the Serviced Locations, which in turn is a function of the date of installation and commencement of Consultant's provision of the services for each location.

e. **Section V of Exhibit "C" (Schedule of Compensation) of the Agreement is hereby amended to read in its entirety as follows:**

"The total compensation for the Services shall not exceed **\$1,101,865.28** ~~\$806,258.48~~ as provided in Section 2.1 of this Agreement."

2. **Continuing Effect of Agreement.** Except as amended by this Amendment No. 3, all provisions of the Agreement, Amendment No. 1 and Amendment No. 2 shall remain unchanged

and in full force and effect. From and after the date of this Amendment No. 3, whenever the term “Agreement” appears in the Agreement, it shall mean the Agreement, as amended by this Amendment No. 3, Amendment No. 2 and Amendment No. 1.

3. **Affirmation of Agreement; Warranty Re Absence of Defaults.** City and Consultant each ratify and reaffirm each and every one of the respective rights and obligations arising under the Agreement, Amendment No. 1, Amendment No. 2 and Amendment No. 3. Each party represents and warrants to the other that there have been no written or oral modifications to the Agreement other than as provided herein and Amendment No. 1, Amendment No. 2 and Amendment No. 3. Each party represents and warrants to the other that the Agreement, as amended by Amendment No. 1, Amendment No. 2 and this Amendment No. 3, is currently an effective, valid, and binding obligation.

Consultant represents and warrants to City that, as of the date of this Amendment No. 3, City is not in default of any material term of the Agreement and that there have been no events that, with the passing of time or the giving of notice, or both, would constitute a material default under the Agreement.

City represents and warrants to Consultant that, as of the date of this Amendment No. 3, Consultant is not in default of any material term of the Agreement and that there have been no events that, with the passing of time or the giving of notice, or both, would constitute a material default under the Agreement.

4. **Adequate Consideration.** The parties hereto irrevocably stipulate and agree that they have each received adequate and independent consideration for the performance of the obligations they have undertaken pursuant to this Amendment No. 3.

5. **Authority.** The persons executing this Amendment No. 3 on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Amendment No. 3 on behalf of said party, (iii) by so executing this Amendment No. 3, such party is formally bound to the provisions of this Amendment No. 3, and (iv) the entering into this Amendment No. 3 does not violate any provision of any other agreement to which said party is bound.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties hereto have executed this Amendment No. 3 on the date and year written below.

CITY:

CITY OF CARSON, a municipal corporation

Lula Davis-Holmes, Mayor

Date: _____, 202_____

ATTEST:

Dr. Khaleah K. Bradshaw, City Clerk

APPROVED AS TO FORM:
ALESHIRE & WYNDER, LLP

Sunny K. Soltani, City Attorney
[rjl]

CONSULTANT:

CHARTER COMMUNICATIONS
OPERATING, LLC

CHARTER COMMUNICATIONS, INC., its
Manager

By: _____
Name: Lynne Bell
Title: Vice President, Enterprise Sales

By: _____
Name:
Title:

Date: _____, 202_____

Two corporate officer signatures required when Contractor is a corporation, with one signature required from each of the following groups: 1) Chairman of the Board, President or any Vice President; and 2) Secretary, any Assistant Secretary, Chief Financial Officer or any Assistant Treasurer. CONTRACTOR'S SIGNATURES SHALL BE DULY NOTARIZED, AND APPROPRIATE ATTESTATIONS SHALL BE INCLUDED AS MAY BE REQUIRED BY THE BYLAWS, ARTICLES OF INCORPORATION, OR OTHER RULES OR REGULATIONS APPLICABLE TO CONTRACTOR'S BUSINESS ENTITY.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

On _____, 2022 before me, _____, personally appeared _____, proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: _____

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER		DESCRIPTION OF ATTACHED DOCUMENT
<input type="checkbox"/> INDIVIDUAL		_____
<input type="checkbox"/> CORPORATE OFFICER		TITLE OR TYPE OF DOCUMENT
_____	TITLE(S)	
<input type="checkbox"/> PARTNER(S)	<input type="checkbox"/> LIMITED	_____
	<input type="checkbox"/> GENERAL	NUMBER OF PAGES
<input type="checkbox"/> ATTORNEY-IN-FACT		_____
<input type="checkbox"/> TRUSTEE(S)		DATE OF DOCUMENT
<input type="checkbox"/> GUARDIAN/CONSERVATOR		
<input type="checkbox"/> OTHER _____		

SIGNER IS REPRESENTING:		_____
(NAME OF PERSON(S) OR ENTITY(IES))		SIGNER(S) OTHER THAN NAMED ABOVE

Exhibits “A-1” through “A-7”

See Attached

EXHIBIT “A-1”

Spectrum Business Voice Service, PRI/SIP Trunking Service (collectively “Voice Services”)

Spectrum Hosted Voice, Hosted Voice for Hospitality, Hosted Call Center, and Unified Communications (collectively, “Hosted Communications Services”)

DESCRIPTION OF SERVICES:

1. **Voice Services.**

(a) Spectrum Business Voice Service. If Customer selects to receive Spectrum Business Voice Service, Customer will receive voice service consisting of one or more lines or connections and a variety of features, as described more fully below and in the applicable Service Order.

(b) SIP Trunking Service. If Customer selects to receive the SIP Trunking Service, Customer will receive voice and call processing services via eight or more concurrent call paths using a Session Initiation Protocol (“SIP”) connection to the Customer’s private branch exchange (including any non-Spectrum switch, collectively, “PBX”) or other Customer Equipment, and a variety of features, as described more fully below and in the applicable Service Order.

(c) PRI Trunking Service. If Customer selects to receive PRI Trunking Service, Customer will receive voice and call processing services via a full (23B+1D channel) or fractional (12B+1D channel) Primary Rate Interface (“PRI”) connection to Customer’s PBX or other Customer Equipment, and a variety of features, as described more fully below and in the applicable Service Order.

(d) Trunking Service. Trunking Service shall mean SIP Trunking Service and/or PRI Trunking Service, as applicable.

(e) Analog Lines Over Fiber Service. If Customer selects to receive Analog Lines over Fiber Service, Customer will receive voice and call processing services via an analog connection to the Customer’s PBX that is equipped with an analog line card interface or other analog line based Customer Equipment like a fax machine. A variety of features, including line hunting, are offered, as described more fully below and in the applicable Service Order.

(f) Toll-Free Service for Spectrum Trunking. If Customer selects Spectrum Toll-Free Service for use with Trunking Service, Customer will receive voice service consisting of one or more toll-free numbers and access to a variety of optional screening and routing features including:

- **Origination Screening:** Allows or disallows an originating call made to a single toll-free number based on the originating Number Plan Area (NPA) and/or prefix (NXX) of the caller.
- **Origination Routing:** Routes an originating call made to a single toll-free number to a pre-determined Direct Inward Dialing (DID) number location based on the originating NPA and/or NXX of the caller.
- **Schedule-Based Routing:** Routes an originating call made to a single toll-free number to a pre-determined DID number location based on the time of day, day of week or day of year.
- **Percentage Call Allocation:** Routes an originating call made to a single toll-free number to any of two or more pre-determined DID number locations based on the Customer’s allocated traffic percentage between the DID number locations.
- **Toll-Free Dialed Number Identification Service (DNIS):** Provides the original called toll-free number to the terminating location, if the toll-free number/call is terminated to the Spectrum Trunking Service.

Note: Spectrum Toll-Free Service must terminate to a Spectrum Trunking Service. Not all Toll-Free Service features may be available in all areas.

(g) E911 Location Plus. If Customer selects Spectrum E911 Location Plus for use with Trunking Service, Customer may add or manage station level address information (for example, floor, suite, or office number) for telephone numbers at a Service Location for Customer’s E911 address records through use of the E911 Location Plus self-service web portal.

E911 Location Plus may be used by a Customer operating its own multi-line telephone system in an office or apartment building, or other similar building environment that wishes to provide location information for its station level telephone numbers.

2. Spectrum Hosted Communications Services.

(a) Spectrum Hosted Voice Service. If Customer selects Hosted Voice Service delivered over fiber or coax, Customer will receive a combination of (i) voice service consisting of one or more telephone lines, (ii) a variety of features, and (iii) voice service technical assistance described more fully below and in the applicable Service Order.

(b) Spectrum Hosted Voice for Hospitality Service. If Customer selects Hosted Voice for Hospitality Service delivered over fiber or coax, Customer will receive a combination of (i) voice service consisting of one or more telephone lines, (ii) a variety of features, and (iii) voice service technical assistance. Customer may also receive Property Management System integration and other services, including a variety of features, as described more fully below and in the applicable Service Order.

(c) Spectrum Hosted Call Center. If Customer selects to receive Spectrum Hosted Call Center Service; Customer will receive a combination of (i) voice service consisting of one or more telephone lines, (ii) a variety of features, and (iii) voice service technical assistance, as described more fully below and in the applicable Service Order.

(d) Unified Communications Service. If Customer selects Unified Communications Service, Customer will receive a combination of (i) instant messaging and presence service, (ii) video calling service, (iii) desktop sharing service, (iv) conferencing, and (v) web collaboration service, or other features as described more fully below and in the applicable Service Order. Unified Communications Services may also be available in personal computer, mobile phone, and tablet application formats where features, functionalities, and capabilities will differ based on the device used to access the Unified Communications Service (i.e., "soft phone service"). If Customer or an End User accesses the Hosted Communications Services through use of an application, certain features, functionalities, or capabilities, such as two-way calling, may not be available. When using such an application, Customer and End Users are subject to the terms of such application and the terms of this Service Agreement (including this Attachment). Changes made to the features, functionalities, capabilities of the Unified Communications Service, or to an application accessing Spectrum Hosted Communications Service, shall be in Spectrum's sole discretion.

BEGINNING ON JANUARY 6, 2022: If Customer ordered soft phone service on or after February 16, 2020, Customer will have 911 calling capability with its soft phone service beginning on January 6, 2022 if Customer's software and service is properly installed, configured and updated. Customer understands that such soft phone service, including 911 calling capability, will not function properly unless correct and valid address information has been entered into the soft phone service or application that reflects the application and/or associated device location. Failure of Customer to enter correct and valid address information, prior to initiation of such Service and anytime Customer's location of the soft phone changes, will likely result in a delay or inability in dispatching 911 emergency service to the proper location. CUSTOMERS THAT ORDERED ANYWHERE CONNECT SOFT PHONE SERVICE PRIOR TO FEBRUARY 16, 2020 WILL NOT HAVE 911 CALLING CAPABILITY. EACH CUSTOMER OF SUCH ANYWHERE CONNECT SERVICE UNDERSTANDS THAT IT MUST USE AN ALTERNATE MEANS, OTHER THAN SOFT PHONE SERVICE, TO CONTACT 911 EMERGENCY SERVICES. Additional important 911 use of service terms are located in paragraph 7(g) below.

(e) Unified Communications over Wireless Internet Backup. If Customer selects Unified Communications over Wireless Internet Backup Service, Customer will receive Wireless Internet Backup Service as described in Attachment G for Unified Communications Service provided at Customer's location(s) specified in an applicable Service Order. Unified Communications over Wireless Internet Backup Service is subject to availability and the terms and conditions in Attachment G and the applicable Service Order.

(f) Webex Meetings from Spectrum Enterprise. If Customer selects Webex Meetings from Spectrum Enterprise, Customer will receive a combination of (i) Cisco's Webex Meetings cloud-based service, (ii) a variety of features, and (iii) technical assistance, including optional professional services, as described below and in the applicable Service Order. Webex Meetings is a conferencing solution and only supports calls connecting End Users to a Webex Meetings event.

(g) Service Descriptions. Spectrum's Voice Services and Hosted Communications Services listed above are described in Customer's Service Order, and/or in Spectrum's usage pricing plans, and online product descriptions, as applicable, on Spectrum's website at <https://enterprise.spectrum.com/services/voice.html>.

COMMUNICATIONS SERVICES TERMS AND CONDITIONS:

Customer's use of the Voice Services and Hosted Communications Services (collectively, "Communications Service") is subject to the following additional terms and conditions:

3. Availability of Facilities and Service Modifications.

(a) Services and associated products, facilities, equipment, features and functions will be available in accordance with the terms of this Attachment, where technically and operationally feasible. The quantity of business lines for each Service Location is dependent on the technical feasibility at that specific location. Additional construction and facilities may be required to provide requested Communications Services at Customer's expense. Customer must pay for any special construction prior to the activation of service and/or cancellation of contract.

(b) Spectrum is not obligated to provide Communications Services if Customer intends to or uses the Communications Services (i) to interfere with or impair any service over any facilities and associated Spectrum Equipment or impair the privacy of any communications over such facilities and associated Spectrum Equipment; (ii) to sell, resell, sublease, assign, license, sublicense, share, provide, or otherwise utilize in conjunction with a third party (including, without limitation, in any joint venture or as part of any outsourcing activity) the Communications Services or any component or combination thereof; or (iii) in any manner that results in non-standard calling patterns or practices, including but not limited to, use of the Communications Service for high-volume auto-dialing, continuous or extensive call forwarding, high-volume telemarketing (including, without limitation, charitable or political solicitation or polling), fax or voicemail broadcasting for services with unlimited local and long distance calling plans, and PBX hacking or modem hijacking resulting in excessive usage of long distance service (collectively, "Prohibited Use"). In addition, Prohibited Use shall include augmentation of the Communications Service or Communications Service features, in any way as to change the functionality of the Communications Service or its component features in any manner that is inconsistent with standard commercial calling patterns and practices or the terms of this Service Agreement. Such non-standard calling patterns and practices include, but are not limited to, use of three-way calling, or call forwarding, that results in unusually high traffic volumes or excessive long distance usage. A non-standard calling pattern may also include, when Customer's long distance calling minutes from (i) calls terminating to Alaska, (ii) calls terminating to Guam, (iii) calls terminating to a conference calling service operating in areas with high carrier access rates (e.g., rates that carriers pay one another for network use), or (iv) calls terminating to a chat line service, in the aggregate exceed ten percent (10%) of Customer's total long distance minutes in any one-month billing cycle

(c) Spectrum may, from time to time, offer additional Communications Service features or functionality, or discontinue certain Communications Service features or functionality. Information about these features or functions will be available at <https://enterprise.spectrum.com/services/voice.html>. These additional Communications Services, features, or functions may be subject to additional specific terms and conditions, and may be subject to change at any time by Spectrum.

4. Communications Service Limitations.

(a) Unavailable Services: Call Blocking, Fraud, and N11. Spectrum does not offer or provide certain operator-assisted services such as dial around services (10-10-XXX), pay services, and third-party billing. Spectrum may use network management practices to block calls that have unassigned, invalid, or fraudulent numbers, that are identified as spam or malicious, that have suspicious calling patterns, or as otherwise permitted by applicable law. Calls blocked using these network management practices will not be delivered to Customer. Spectrum also blocks access to calls with 900 and 976 area codes and to international chat lines. Spectrum will initiate toll blocking if Customer's excessive use of any toll has surpassed the threshold set by Spectrum and/or Customer's account is delinquent. Notwithstanding any other provision of the Service Agreement or this Attachment, Spectrum may block calls which (i) are made to certain countries, cities, or central office exchanges, or (ii) use certain authorization codes, as Spectrum, in its sole discretion, deems reasonably necessary to prevent unlawful or fraudulent use of Communications Services. In addition, certain "N11" services (three digit dial codes such as 211) may not be available in all serving areas.

(b) Service Outages. Communications Service modems are electrically powered and will not work in a power outage or if the required broadband connection is disrupted or not operating. In the event of power outages, the modem, including all phones and Services connected to or powered by it, will not work. Power outages will disrupt Enhanced 911 ("E911") service and the use of Communications Service as the connection between a security system and central monitoring services. COMMUNICATIONS SERVICE DOES NOT HAVE ITS OWN POWER SUPPLY. IF

THERE IS A POWER OUTAGE, OR IF THERE IS A DISRUPTION TO THE SPECTRUM NETWORK OR FACILITIES, COMMUNICATIONS SERVICE WILL NOT WORK. CUSTOMER ACKNOWLEDGES THAT IN SUCH CASES IT WILL NOT BE POSSIBLE TO PLACE OR RECEIVE CALLS INCLUDING CALLS TO ACCESS EMERGENCY 911 SERVICES.

(c) Security Systems and Alarm Systems. Although Spectrum will supply a connection (such as an analog line connection), that may allow the operation of Customer's existing security system, alarm system or other non-voice system (such as an elevator alarm line), Spectrum does not guarantee that any such system will be in complete operational order following the installation of Communications Service. As such, it is Customer's obligation to contact its security, alarm or other system provider to inform them of the Communications Services installation, and any change in phone number, and to request a complete operational test of their system immediately following installation of the Communications Services. Spectrum does not provide power back up and is not responsible for the operation of any Customer security, alarm, or any other system in connection with Customer Equipment and, specifically, where the Customer Equipment does not have power backup (e.g., battery backup). In addition, it is Customer's responsibility to test its system on a regular basis. Spectrum does not represent that the Service is fail-safe.

Customer is solely responsible for obtaining such testing, ensuring that such testing is completed in a timely manner, and confirming that the security system and any related Customer Equipment at the Service Location connected to the Communications Service operate properly. Customer is solely responsible for any and all costs associated with this activity. In all cases, it is Customer's responsibility to ensure that use of the Communications Service meets all applicable regulations.

(d) Prohibited Use. Spectrum prohibits the use of Communications Service as the connection between medical alert systems and a central monitoring station or a fire alarm, and Spectrum will neither connect to such services nor provide technical support for the connection.

5. Use of Services. Customer is solely responsible for: (i) prevention of Prohibited Use and unauthorized, unlawful, or fraudulent use of, or access to, Communications Services, which use or access is expressly prohibited; and (ii) administration and non-disclosure of any authorization codes provided by Spectrum to Customer. Spectrum may require Customer to immediately shut down its transmission of signals if Spectrum concludes, in its sole discretion, that such transmission is a Prohibited Use or causing interference to other customers or with other transmissions generally.

(a) Spectrum reserves the right (i) to refuse to provide, discontinue, or temporarily suspend Communications Services to or from a Service Location where the necessary facilities or equipment are not available under terms and conditions reasonably acceptable to Spectrum, or (ii) to limit or block Communications Services to and from any Service Location or the use of any authorization code, without any liability whatsoever, in the event that Spectrum detects or reasonably suspects either (a) Prohibited Use or fraudulent, or unlawful use of the Communications Services, or use of the Communications Service in violation of the Service Agreement or this Attachment, or (b) consumption of Communications Services in excess of the credit limit (if any).

(b) Customer's outgoing calls must use an active, valid telephone number assigned to Customer. Use of invalid or unassigned telephone numbers are prohibited for outgoing calls. Customer is responsible for (i) securing its Customer Equipment against placement of fraudulent calls, and (ii) ensuring that Customer Equipment is not being used for any Prohibited Use or fraudulent use or access with Communications Services. Customer shall be responsible for payment of all applicable charges for Communications Services and charged to Customer's accounts, even where those calls are originated by fraudulent means either from Customer's Service Location or from remote locations. Spectrum is not liable for any damages, including toll usage charges, Customer may incur as a result of the unauthorized use of its telephone facilities. This unauthorized use of Customer's facilities includes, but is not limited to, the placement of calls from the Service Location, and the placement of calls through Customer Equipment that are transmitted or carried on Spectrum's Network. Customer shall ensure that all uses by Customer, whether authorized by Customer or not, of the Spectrum Equipment or the Communications Services installed at the Service Location comply with all applicable laws, rules, regulations, and the Service Agreement (including this Attachment).

(c) Spectrum has the right to limit the Communications Service to reasonable quantities of minutes and messages used or consumed by Customer to prevent Prohibited Use and to maintain a high level of service for other Spectrum customers.

6. Access to Telecommunications Relay Communications Service. Telecommunications Relay Service ("TRS") enables deaf, hard-of-hearing or speech-impaired persons who use a Text Telephone ("TT") or Caption Telephone (collectively, "TDD") or similar devices to communicate with the hearing population not using TDD. It also

allows the hearing population not using a TT to communicate with deaf, hard-of-hearing, or speech-impaired persons who do use a TDD. Customer will be able to access the state provider to complete such calls by either dialing the applicable telephone number directly or by dialing the number 711, where available. Spectrum may bill Customer a monthly surcharge in order to fund the TRS system.

If Customer activates Custom Caller ID for Trunks or Customer utilizes its own Customer-defined dialing scheme or PBX configuration, Customer must configure its PBX to out-pulse an active, valid telephone number that is assigned to the Customer and that accurately identifies the Service Location for each outbound call handled by that PBX so that 711/TRS calls complete to the appropriate 711/TRS center.

7. 911 Services.

(a) CUSTOMER ACKNOWLEDGES THAT THE VOICE-ENABLED FIBER CONNECTION, CABLE MODEM, INTEGRATED ACCESS DEVICE (“IAD”) OR OTHER SPECTRUM EQUIPMENT USED TO PROVIDE COMMUNICATIONS SERVICE ARE ELECTRICALLY POWERED AND THAT COMMUNICATIONS SERVICE, INCLUDING THE ABILITY TO ACCESS 911 AND E911 SERVICES AND ALARM, SECURITY, AND OTHER MONITORING SERVICES, MAY NOT OPERATE IN THE EVENT OF AN ELECTRICAL POWER OUTAGE, A SPECTRUM NETWORK SERVICE INTERRUPTION, OR A THIRD-PARTY NETWORK SERVICE INTERRUPTION IF THE COMMUNICATIONS SERVICE IS PROVIDED AS AN OVER-THE-TOP OR OFF-NET (TYPE II) SERVICE USING A THIRD PARTY’S NETWORK. CUSTOMER ALSO ACKNOWLEDGES THAT, IN THE EVENT OF A POWER OUTAGE AT A SERVICE LOCATION, ANY BACK-UP POWER SUPPLY PROVIDED WITH A SPECTRUM-PROVIDED VOICE-ENABLED CABLE MODEM, IAD, OR OTHER SPECTRUM EQUIPMENT USED IN DELIVERING THE COMMUNICATIONS SERVICE MAY ENABLE SERVICE FOR A LIMITED PERIOD OF TIME OR NOT AT ALL, DEPENDING ON THE CIRCUMSTANCES, AND THAT THE USE OF A BACK-UP POWER SUPPLY DOES NOT ENSURE THAT COMMUNICATIONS SERVICE WILL BE AVAILABLE IN ALL CIRCUMSTANCES. CUSTOMER SHALL ADVISE EVERY END USER OF COMMUNICATIONS SERVICE THAT SPECTRUM VOICE-ENABLED CUSTOMER EQUIPMENT IS ELECTRICALLY POWERED AND, IN THE EVENT OF A POWER OUTAGE OR SPECTRUM NETWORK SERVICE INTERRUPTION, COMMUNICATIONS SERVICE AND 911 OR E911 MAY NOT BE AVAILABLE. CUSTOMER SHALL DISTRIBUTE TO ALL END USERS OF COMMUNICATIONS SERVICE LABELS/STICKERS (TO BE SUPPLIED BY SPECTRUM) AND INSTRUCT ALL END USERS OF COMMUNICATIONS SERVICE TO PLACE THEM ON OR NEAR THE EQUIPMENT USED IN CONJUNCTION WITH THE COMMUNICATIONS SERVICE.

(b) Customer is not permitted to move Spectrum Equipment from the Service Location in which it has been installed. If Customer moves any of the voice-enabled cable modem, IAD, or other Spectrum Equipment to an address other than the Service Location identified on the Service Order, calls from the modem, IAD, or other Spectrum Equipment to E911 will appear to E911 emergency service operators to be coming from the Service Location identified on the Service Order and not the new address. Customer shall be solely responsible for directing emergency personnel at the customer premises at each Service Location. ADDITIONALLY, COMMUNICATIONS SERVICE, INCLUDING SOFT PHONE SERVICE, DOES NOT SUPPORT 911 CALLING FROM ANY LOCATION OUTSIDE THE UNITED STATES, AND CUSTOMER AND END USERS WILL BE UNABLE TO USE OR ACCESS 911 OR E911 EMERGENCY CALLING SERVICE FROM SUCH LOCATIONS.

(c) Customer will be notified by Spectrum as to whether the Communications Service to which Customer subscribes includes the capability to support E911 service from multiple locations or from a location other than the Service Location. Customer agrees that Spectrum will not be responsible for any losses or damages arising as a result of the unavailability of Communications Service, including the inability to reach 911 or other emergency services, the inability to contact a security system or other monitoring service provider or any failure or fault relating to Customer Equipment, facilities or services, the use of third-party enterprise 911 solutions, or Customer’s attempt to access Communications Service from a remote location.

(d) In some geographic areas, Communications Service does not provide the capability to support E911 service from any location other than the Service Location. In those areas, if Customer intends to assign telephone numbers to one or more locations other than the Service Location, Customer shall obtain from the incumbent LEC, a competitive LEC, or Spectrum a local telephone line or lines and ensure that (i) the address(es) associated with the additional location(s) are loaded into the 911 database by the provider of the local telephone line(s) such that 911 calls will deliver to the 911 answering point the actual location and address of the 911 caller and (ii) all 911 calls originated from the additional location(s) are transported and delivered over those local telephone lines.

IN SUCH AREAS, CUSTOMER AGREES TO DEFEND, INDEMNIFY AND HOLD HARMLESS SPECTRUM, ITS AFFILIATES, ITS SERVICE PROVIDERS AND SUPPLIERS AND THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES AND AGENTS, FROM AND AGAINST THIRD PARTY CLAIMS, LIABILITIES, DAMAGES AND EXPENSES, INCLUDING REASONABLE ATTORNEYS’ AND OTHER PROFESSIONALS’ FEES, ARISING OUT OF

OR RELATING TO 911 CALLS MADE BY END USERS OF THE COMMUNICATIONS SERVICE FROM LOCATIONS OTHER THAN THE SERVICE LOCATION.

(e) If Customer orders E911 Location Plus, (i) Customer may add and/or manage station level address information for telephone numbers at the Service Location through use of the E911 Location Plus self-service web portal; (ii) Customer shall be solely responsible for complying with all applicable local, state, and federal laws, rules, regulations and requirements for operation and use of a multi-line telephone system and for providing accurate station level address information (i.e., the applicable characters for display at a 911 operator) for Customer's telephone numbers; (iii) Customer will transmit the telephone number to Spectrum that is associated with the station that placed a 911 call; and (iv) Customer will ensure the initial and continuing accuracy of the station level address information for each Customer telephone number in the E911 Location Plus self-service web portal.

Updates or modifications to station level address information in the E911 Location Plus self-service web portal may require up to 24 hours for implementation and/or updating. Non-Spectrum telephone numbers are not supported and may not be entered into the E911 Location Plus self-service web portal. Notwithstanding Customer's use of E911 Location Plus, Customer is solely responsible for directing emergency personnel at the Service Location.

(f) Customer shall not use the Communications Services, or allow the Communications Services to be used, (i) to provide 911 or E911 services; (ii) route 911 or E911 traffic to any public safety answering point, statewide default answering point, or appropriate local emergency authority or emergency responders; or (iii) for any automatic location information services related to E911 or in any other manner that would cause, or be likely to cause, Spectrum to qualify as a "Covered Service Provider" as defined in 47 C.F.R. §9.19 or any successor provision of the rules of the Federal Communication Commission. Any breach of this provision shall constitute a material breach of the Service Agreement.

(g) CUSTOMER ACKNOWLEDGES THAT SPECTRUM'S "ANYWHERE CONNECT" OR OTHER SOFTPHONE SOFTWARE OR APPLICATIONS (COLLECTIVELY "SOFTPHONE APPLICATIONS") ARE NOT A REPLACEMENT FOR MOBILE OR FIXED LINE VOICE SERVICES. SOFTPHONE APPLICATIONS DO NOT PERMIT END USERS TO MAKE 911 OR OTHER EMERGENCY CALLS. CUSTOMER SHALL PROVIDE ALTERNATIVE COMMUNICATION OPTIONS TO ENABLE END USERS TO MAKE 911 AND OTHER EMERGENCY CALLS WHEN USING SPECTRUM'S SOFTPHONE APPLICATIONS.

BEGINNING ON JANUARY 6, 2022: Notwithstanding the preceding paragraph, if Customer ordered soft phone service and/or a Softphone Application on or after February 16, 2020, Customer will have 911 calling capability with its soft phone service or Softphone Application beginning on January 6, 2022 if Customer's software and service is properly installed, configured and updated. Customer understands that such soft phone service and Softphone Application, including 911 calling capability, will not function properly unless correct and valid address information has been entered into the soft phone service or Softphone Application that reflects the application and/or associated device location. Customer further understands that such soft phone service and Softphone Application will not function or will not function properly: (i) if a user attempts a 911 call from a location different than the address provided in the soft phone service or Softphone Application; (ii) during any disruption of power or Internet connectivity at the user's location; (iii) during any period of services or E911 outage or failure beyond Spectrum's control; (iv) if incorrect or invalid address information is provided or if such information is not updated by user in the event of a change in user's location; (v) if user's equipment fails to function, is not properly configured, or is defective; or (vi) if instructions, requirements or obligations for proper operation of the soft phone service or Softphone Application are not executed completely and properly.

8. Custom Caller-ID (Voice Services only). If Customer activates Custom Caller ID for Trunks, which permits a customer to define the telephone number that Spectrum makes available to call recipients for Caller ID purposes, the telephone number chosen must be an active, valid telephone number that is assigned to Customer. Custom Caller ID for Trunks may be used only where Customer employs Customer Equipment that ensures that 911 and other emergency calls placed by an end user are routed to an appropriate public safety answering point or other responding agency based on the caller's location, in a manner consistent with applicable law. If Customer activates Custom Caller ID, they must configure their PBX to out-pulse an active, valid telephone number that is assigned to the Customer and that accurately identifies the Service Location for each outbound call including TRS, 711, and emergency 911 calls to be handled by that PBX. By activating Custom Caller ID for Trunks, Customer represents and warrants that it employs such a Customer Equipment solution and agrees to continue using such a solution until Customer discontinues its use of Custom Caller ID for Trunks.

Telemarketers or other entities using Custom Caller ID for Trunks must comply with applicable federal and state laws, including obligations requiring identification of: (i) the telemarketer or the party on whose behalf the telemarketing call

is made and (ii) the calling party's number ("CPN"), automatic number identification ("ANI"), or customer service number of the party on whose behalf the telemarketing call is made.

The use of incorrect or fictitious CPN, ANI, or other calling party information on such telemarketing calls is prohibited. Custom Caller ID for Trunks may not be used by any person or entity in connection with any unlawful purpose. Customer shall provide proof of telephone number assignment (e.g., by business agreement or evidence the user has access to use the number) upon Spectrum's request.

9. Cross Rate Center Telephone Numbers. If Customer orders or utilizes telephone number(s) with Spectrum Trunking Service that are associated with a rate center that is different than the rate center where the Spectrum trunking service is located, (i) Customer's telephone number(s) will be provisioned as Direct Inward Dialing (DID) numbers on the Spectrum Trunking Service (referred to as "Cross Rate Center DIDs"); (ii) all calls originated from the Cross Rate Center DIDs will be rated based upon the rate center associated with the Spectrum Trunking Service location; and (iii) the address information for E911 calls from the Cross Rate Center DIDs shall be the address associated with the Spectrum Trunking Service location. Cross Rate Center DIDs may not be available in all Spectrum service areas, and Customer may purchase Remote Call Forwarding (RCF) or Remote Number Forwarding (RNF) in service areas where Cross Rate Center DIDs are not available.

10. Centralized PBX Support. If Customer orders Centralized PBX Support for a Customer PBX that serves multiple Customer locations (each, referred to as a "Remote Site"), Customer will connect each Remote Site to a single site on the Customer's network (referred to as a "Hub Site") and Spectrum Trunking Service will be installed at the Hub Site. The demarcation point for each Remote Site will be the Hub Site location where the Spectrum Trunking Service is installed. Customer is responsible for the quality of the network and connections, including the voice Quality of Service (QOS), on its side of the demarcation point, unless such network and connections are provided by Spectrum. Additionally, the following requirements are applicable to Centralized PBX Support:

(a) Telephone numbers utilized at each Remote Site (i) must be associated with the rate center where the Remote Site is located, and (ii) must be in a Spectrum service area.

(b) Cross rate center telephone number assignment is not permitted with Centralized PBX Support. Customer may purchase Remote Call Forwarding (RCF) or Remote Number Forwarding (RNF) if a Remote Site requires telephone numbers that are associated with a rate center that is different than the rate center where the Remote Site is located.

(c) The address information for E911 calls from a Remote Site shall be the address associated with the Remote Site. Customer is solely responsible for providing Spectrum with accurate telephone number and service address information for each Remote Site. Customer must contact Spectrum before moving telephones or telephone numbers to any address other than the Remote Site, otherwise calls from the telephones or telephone numbers will appear to E911 emergency service operators to be coming from the Remote Site and not the new address.

(d) Spectrum will calculate and remit 911 fees for each Remote Site based on state and local regulations at the address where telephone(s) and telephone number(s) are located and emergency services are dispatched.

(e) All calls from a Remote Site will be rated based upon the rate center associated with telephone number(s) at the Remote Site.

11. Access. Customer agrees to provide Spectrum and its authorized agents with access to Customer's internal telephone or local area network wiring at the network interface device or at some other minimum point of entry in order to facilitate the installation and operation of Communications Service over existing wiring. Customer hereby authorizes Spectrum to make any requests to Customer's landlord, building owner and/or building manager, as appropriate, and to make any requests to other or prior communications service providers, as necessary and appropriate, to ensure that Spectrum has all access to inside wiring and cabling necessary and sufficient to efficiently and securely install Communications Service and all related Spectrum Equipment. The agents and employees of Spectrum shall have the right to enter the Service Location at any reasonable hour for the purpose of installing, inspecting, maintaining, or repairing Spectrum Equipment, instruments and/or lines, or upon termination of the Communications Service, for the purpose of removing such Spectrum Equipment, instruments, and/or lines. Communications Services are offered to businesses only and are not available for residential use.

12. Customer Equipment. Spectrum's obligation is to provide Communications Services to the customer-accessible interface device or equipment installed by Spectrum at the Spectrum Network Demarcation Point at the Service Location. The "Demarcation Point" is the point of interconnection between the Spectrum Equipment or other

facilities and the wiring at the Service Location. Customer is responsible for ensuring that all such Customer Equipment conforms to the Federal Communications Commission's requirements set forth in Part 68 of the Code of Federal Regulations (as amended), and Spectrum may discontinue the provision of Communications Services to any location where Customer Equipment fails to conform to such regulations.

Without limiting the foregoing, in the event that Customer-provided fiber, coax, copper wiring, and/or point-to-point wireless, or a segment of the foregoing provided by Customer, (collectively "Customer Facilities") are used in the delivery of Communications Services, Customer shall be solely responsible for the condition, performance, maintenance, repair, and replacement of such Customer Facilities, at all times. Upon request, Customer shall provide Spectrum with access to the Customer Facilities, for Spectrum to inspect the condition of Customer Facilities prior to Spectrum's installation of the Communications Service, provided that Spectrum shall not be required to conduct such inspection, and such inspection or statements made by Spectrum in connection therewith shall in no way constitute a representation, warranty or guarantee that the Customer Facilities are fit for use with the Service. Notwithstanding anything in the Service Agreement to the contrary, Spectrum shall not be liable or responsible, nor shall it provide Service Credits under any Service Level Agreements, for any Service delays, disruptions, degradations, repairs, maintenance, failures or any other Service issues caused by or resulting from Customer Facilities.

Customer shall be solely responsible for satisfying all legal requirements for interconnecting Customer-provided terminal equipment or communications systems with other provider's facilities, including, without limitation, application for all licenses, permits, rights-of-way, and other arrangements necessary for such interconnection. Satisfaction of all legal requirements, any interface equipment or any other facilities necessary to interconnect the facilities of Spectrum and other providers must be provided at Customer's sole expense.

13. CPNI. As a provider of telecommunications and interconnected VoIP services, Spectrum takes seriously its responsibility to protect the confidentiality of its customers' proprietary network information ("CPNI"). Spectrum is committed to protecting its telecommunications and interconnected VoIP service customers' CPNI in accordance with applicable regulatory and statutory requirements. CPNI is customer-specific data that is collected by Spectrum in the course of providing telecommunications or interconnected VoIP services to its customers, and includes information relating to the quantity, technical configuration, type, destination, location, and amount of telecommunications and interconnected VoIP service usage by Customer, and information contained in Customer's bills that is obtained by Spectrum pursuant to its provision of telecommunications or interconnected VoIP service. Customer CPNI will be protected by Spectrum as described herein, in the Spectrum Privacy Policy and in accordance with applicable federal and state requirements. Notwithstanding anything else in this Agreement, the following shall not be CPNI: (i) Customer's directory listing information (*i.e.*, Customer's name, address, and telephone number), and (ii) aggregated, deidentified and/or compiled information that does not contain individual customer characteristics, even if CPNI was used as a basis for such information.

- (a)** Spectrum may use and disclose Calling Details and CPNI when required by applicable law.
- (b)** Spectrum may use Calling Details and CPNI and share (including via email) Calling Details and CPNI with its partners and contractors, as well as with Customer's employees and representatives, without Customer consent: (i) to provide services and bills to Customer; (ii) pursuant to applicable law; (iii) to protect the interests of Spectrum, Customer and related parties in preventing fraud, theft of services, abuse, harassment and misuse of telephone services; (iv) to protect the security and integrity of Spectrum Network systems; and (v) to market additional Spectrum services to Customer that are of the same category as the services that Customer purchases from Spectrum.
- (c)** Spectrum will obtain Customer's consent before using Calling Details or CPNI to market to Customer Spectrum services that are not within the categories of Services that Customer purchases from Spectrum. Customer agrees that Spectrum will not be liable for any losses or damages arising as a result of disclosure of Calling Details or CPNI in accordance with the terms of this Attachment.
- (d)** Spectrum will respond to Customer requests for Customer Calling Details only in compliance with Spectrum's then- current authentication requirements and applicable law. Such authentication requirements may require Customer to obtain a secure password, which may be required for both online and telephone requests for Calling Details. Spectrum will notify Customer of any requests to change account passwords, activate online account access, and change Customer's account address of record. Spectrum may provide such notice by voicemail, by email or by regular mail to Customer's prior account address of record.
- (e)** Customer may identify a person or persons who are authorized to request Calling Details by executing an Agency Letter provided by Spectrum upon request. Customer is responsible for: (i) ensuring that Spectrum receives timely notice of any changes to the list of authorized individuals identified in the Agency Letter.

Spectrum will not be liable to Customer for any disclosure of Calling Details (including CPNI) that occurs if Spectrum has complied with the Agency Letter.

(f) Provided that Customer is served by at least one dedicated Spectrum representative under this Attachment B, Spectrum may use any one of the authentication methods specified below to confirm that a person seeking Customer CPNI (including, without restriction, call detail records) is authorized to receive it.

(g) Spectrum will not be liable to Customer for any disclosure of CPNI (including call detail records) that occurs if Spectrum has complied with one or more of these authentication methods.

- Agency Letter. As provided in paragraph 12.e, Spectrum may provide CPNI to any individual pursuant to the terms of an Agency Letter.
- Circuit ID. Spectrum may provide Customer CPNI to an individual that correctly identifies a Customer Circuit ID—i.e., a Spectrum-specific identifier assigned to a data or voice network connection between two locations.
- Premier Code. Spectrum may provide Customer CPNI to an individual that correctly identifies Customer's Premier Code—i.e., a 4-digit code that Spectrum may provide to Customer.
- Security Code (CPNI code). Spectrum may provide Customer CPNI to an individual that correctly identifies the account's security code – i.e., a 4-digit code that Spectrum may provide to Customer.
- Last 4 digits of any MAC addresses listed on account. Spectrum may provide Customer CPNI to an individual that correctly identifies the last 4 digits of the MAC address of any Spectrum-issued device listed on the account – i.e., a cable modem, telephony equipment, set top boxes, etc.
- Full serial number of any piece of Spectrum Equipment on Customer's account. Spectrum may provide Customer CPNI to an individual that correctly identifies the full serial number of any Spectrum-issued equipment listed on the account - i.e., a cable modem, telephony equipment, set top boxes, etc.

Spectrum reserves the right to add, remove, or alter these authentication methods in its sole discretion.

In the event of a conflict or inconsistency between the CPNI terms in this Attachment B and the remainder of the Service Agreement, the CPNI terms in Attachment B shall control.

14. Directory Listings. Spectrum will facilitate the inclusion of its business customers in alphabetical white and yellow pages directories and/or electronic compilations, as requested and available in Spectrum's service area. These listings are intended as a resource for interested parties who can use them to find the telephone numbers of Spectrum customers who subscribe to Communications Services. Spectrum, in its sole discretion, may limit the length of any listing in a directory or electronic compilation by abbreviating the listing. Listings may be subject to additional rules and restrictions. Toll free and private number service may be available to Customer for an additional charge. A listing may be omitted from a directory or electronic compilation upon Customer's request.

IN THE EVENT THAT A MATERIAL ERROR OR OMISSION IN CUSTOMER'S DIRECTORY LISTING INFORMATION, REGARDLESS OF FORM, IS CAUSED BY SPECTRUM, CUSTOMER'S SOLE AND EXCLUSIVE REMEDY SHALL BE A SERVICE CREDIT IN AN AMOUNT SET BY SPECTRUM'S THEN-CURRENT STANDARD POLICIES OR AS PRESCRIBED BY APPLICABLE REGULATORY REQUIREMENTS, IF ANY. SPECTRUM SHALL HAVE NO OTHER LIABILITY FOR ANY ERROR OR OMISSION IN ANY DIRECTORY LISTING INFORMATION.

15. Usage Rates/Minute Packages. Communications Services may be subject to usage pricing plans or minutes of use packages that apply charges for certain calls, including international calls and inbound toll-free calls. Unless otherwise specified in Customer's Service Order or Contract, usage pricing plans or packages are available for Trunking Service at enterprise.spectrum.com/services/voice/enterprise-trunking/rates.html and for Unified Communications at enterprise.spectrum.com/services/voice/unified-communications/rates.html. Spectrum reserves the right to change its usage pricing plans and packages at any time.

16. Number Porting. Upon submission of a Service Order, Customer may port a telephone number within the rate center for its particular Service Location, or a toll-free number from an existing toll-free service provider, to Spectrum for use with Communications Services. Customer represents and warrants that it has all necessary rights and authority for any porting request, will provide copies of letters of authority authorizing the same upon request, AND SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS SPECTRUM AND ITS AFFILIATES FROM ANY THIRD-PARTY CLAIM RELATED TO OR ARISING OUT OF ANY PORTING REQUEST.

Spectrum shall coordinate telephone number porting with Customer's former local service provider ("FLSP") or former toll-free service provider, as appropriate, using the operational process for coordinating telephone number porting as prescribed by the appropriate regulatory authority.

Spectrum may receive requests to port a telephone number currently assigned to Customer to a third -party service

provider. Customer agrees that until such time as the porting process has been completed and no further traffic for any ported telephone number traverses the Spectrum Network, Customer shall remain bound by the terms of the Service Agreement and this Attachment (including, without limitation, Customer's obligation to pay for any applicable Services) for any and all traffic which remains on any Customer telephone numbers.

Notwithstanding the foregoing, Customer shall notify Spectrum at least five (5) business days in advance of Customer requesting more than twenty (20) telephone numbers to be ported from Spectrum to another service provider. Customer has no property right in telephone number(s) or any other call number designations associated with the Communication Services, and Spectrum may change such numbers as deemed necessary.

17. Call Redirect. If a PRI Service, Analog Lines over Fiber, or Hosted Communication Service Customer elects to redirect calls to an alternate number and if the receiving telephone number is charged as domestic long distance, charges will be applied against Customer's MOU package on the account or, if exceeded, at the applicable long distance rates.

18. Fiber Internet Access Bundles. If Customer purchases a discounted bundled offering from Spectrum including a SIP Trunking Service or Hosted Communications Services combined with Spectrum Fiber Internet Access, Customer must have the Trunking or Hosted Communications Service installed and billing within four months after the provisioning and turn-up of the bundled data circuit.

The monthly recurring charge will revert to the non-bundled rate for the installed service if Customer fails to accept both Services within this timeframe.

19. Unified Communications Service Data. Spectrum and any third-party service provider Spectrum uses to provide Unified Communications Services may use Customer data provided to such service provider in the course of the performance of the Unified Communications Services, including but not limited to any personal data of Customer's employees ("UCS Data"), other than content transmitted by the Unified Communications Services, to (a) communicate with Spectrum or Customer, and (b) administer and/or perform this Service Agreement, any Service Order, and/or any agreement between Spectrum and such third-party service provider. Spectrum and such service provider may access or disclose UCS Data and related information, to: (i) satisfy legal requirements, comply with the law or respond to subpoenas, warrants or court orders, or (ii) act on a good faith belief that such access or disclosure is necessary to protect the personal safety of Spectrum's or such service provider's employees, customers or the public.

20. Voicemail; Call Recording and HIPAA. This paragraph shall apply if Customer is a Covered Entity or Business Associate under HIPAA. If Customer is a Covered Entity or Business Associate, and intends to create, receive, maintain or transmit protected health information ("PHI") through the use of the Hosted Communications Services, Customer agrees that with regard to the Voice Services (i.e. telephone service alone), Spectrum is acting solely as a "conduit". Under HIPAA, a "conduit" is a party that transports information but does not access it other than on a random or infrequent basis necessary for the performance of the transportation service or as required by law. However, Customer agrees that it shall notify Spectrum, and the parties shall enter into Spectrum's Business Associate Agreement, if Customer is to receive or store any PHI on the voicemail or call recording features of the Hosted Communications Services, both of which must occur before such receipt or storage of PHI. In such event, Customer further agrees that it shall not enable or otherwise use any "voicemail to e-mail" feature in connection with the Hosted Communications Services. As used herein, "HIPAA" means the Health Insurance Portability and Accountability Act of 1996, as amended, and its implementing rules and regulations, and "Covered Entity," "Business Associate," and "protected health information" shall have their respective meanings as defined by HIPAA.

21. Webex End User Terms. . In addition to the terms of this Service Agreement, this Attachment, and any applicable Service Order, when using Webex products or services offered through Spectrum, Customer and each End User agrees and accepts Cisco's applicable Webex terms, including the following:

- (i) Cisco Privacy Data Sheets for Webex Meetings and Webex Teams available at: https://trustportal.cisco.com/c/r/ctp/trust-portal.html#/customer_transparency, and
- (ii) Cisco End User License Agreement for the Cisco client software installed by Customer or End User and for the cloud services used by Customer or End User available at www.cisco.com/go/eula.

EXHIBIT “A-2”
Spectrum Business High-Speed Internet Service
(“Internet Service”)

Spectrum Business High-Speed Internet Service¹. Internet access service implemented using a hybrid fiber/coax (“HFC”) or a fiber access network. Customer interface to the data network is via Ethernet connection. Internet Service enables a variety of upstream and downstream rates. If Customer elects to receive Internet Service, Spectrum shall provide connectivity from Customer site(s) to Customer’s data network.

Certain Internet Services, or features of Internet Services, may not be available in all service areas and may change from time to time, in Spectrum’s sole discretion. In addition, certain non-facilities-based services provided by third parties may be offered to Customer by Spectrum (“Third-Party Services”). Third Party Services may be subject to additional terms and conditions. Except to the limited extent described in this Attachment, Spectrum makes no warranties of any kind (express or implied) regarding Third-Party Services and hereby disclaims any and all warranties pertaining thereto (including implied warranties of title, non-infringement, merchantability, and fitness for a particular purpose). Spectrum does not have title to and is not the manufacturer of any software or hardware components of any Third-Party Services nor is Spectrum the supplier of any components of such software or hardware. IN NO EVENT SHALL SPECTRUM BE LIABLE FOR ANY DAMAGES ARISING FROM THE PERFORMANCE OR NONPERFORMANCE OF ANY THIRD-PARTY SERVICES.

Customer’s use of the Internet Service is subject to the following additional terms and conditions:

- 1. Minimum Equipment Requirements.** Customer shall maintain certain minimum equipment and software to receive the Internet Service (see www.business.spectrum.com for the current specifications). The minimum configuration standards may change, and Spectrum will make reasonable efforts to support previously acceptable configurations; however, Spectrum is not obligated to continue to provide such support. Spectrum may supply Spectrum Equipment such as modems, gateways, routers, or wireless cards, for a fee, to operate the Internet Service. Spectrum reserves the right to provide service only to users with Spectrum-approved equipment. Customer acknowledges that such Spectrum Equipment may require updates and/or changes to the software resident in the Spectrum Equipment and that Customer may be required to perform such updates and/or changes. Customer hereby authorizes Spectrum to perform updates or changes, on-site or remotely from time to time as Spectrum deems necessary, in Spectrum’s sole discretion. Customer will not connect any equipment, other than equipment authorized by Spectrum, to the Spectrum Network. When Spectrum installs the Internet Service, Customer will need a network interface card or adapter providing an Ethernet connection. Alternatively, Customer may connect to a networking device (commonly referred to as a router or gateway).
- 2. Software.** At the time of installation of the Internet Service, Spectrum may provide Customer with common Spectrum or third-party software (e.g., a browser and plug-ins) to enable and enhance the Internet Service, subject to the license terms and restrictions in the Spectrum Service Agreement. Customer hereby represents and warrants to Spectrum that Customer owns the operating system software and associated use/license rights thereto for the computers that are connected to the Spectrum Network.
- 3. Internet Service Speeds.** Spectrum shall use commercially reasonable efforts to achieve the Internet speed attributable to the bandwidth for the Internet Service selected by Customer, however, actual speed, also known as throughput rate, may vary. Many factors affect speed experienced by Customer as outlined in Spectrum’s Network Management Practices.
- 4. Security.** Customer shall take commercially reasonable security measures when using the Internet Service and assumes sole responsibility for use of the Internet Service and for access to and use of Customer Equipment used in connection with the Internet Service and Spectrum Network.
- 5. Electronic Addresses; Mailboxes.** All non-vanity email addresses, email account names, and IP addresses (“Electronic Addresses”) provided by Spectrum (and not through Customer’s domain) are the property of Spectrum. Customer may not alter, modify, sell, lease, assign, encumber or otherwise tamper with the Electronic Addresses.

¹ Customers that purchased Internet services from Time Warner Cable Business Class, Brighthouse Networks, or Charter before June 11, 2017 may continue to receive the same Internet service plan, features, and supplemental services at the same prices offered as of June 11, 2017 (“Legacy Services”) until such time as Spectrum discontinues the Legacy Services by written notice to such Customers. If Customer elects to receive Spectrum Business Internet Services available as of June 11, 2017, then Customer will no longer be eligible to receive any Legacy Services, including, without limitation, any supplemental services or features that may not be available as part of the Spectrum Business Internet Services. Please contact your Spectrum sales representative for further information.

6. Mailboxes. Spectrum owns any and all mailboxes associated with the Internet Service and may reclaim such mailboxes at any time for any reason. Spectrum may also limit the number of new email addresses available per account and the number of email messages that may be sent within a 24-hour time period. Spectrum may lock inactive mailboxes and prohibit the mailbox from receiving new email messages. Customer acknowledges that upon termination of Internet Service, Spectrum will suspend all accounts associated with the Internet Service and delete the contents of all mailboxes, if any. Deleted content cannot be recovered. Email addresses are not permanently retired and become eligible to be reused at Spectrum's sole discretion.

7. Mail Storage. In no event will Spectrum be responsible for maintaining, and Spectrum will not guarantee storage of, email for any period of time. Spectrum also reserves the right to enforce email storage limits.

8. Cookies. Customer may access their Spectrum email account at <https://www.spectrumbusiness.net> or by using the Customer's software application (e.g., Outlook, Outlook Express, Apple Mail). When accessing email at <https://www.spectrumbusiness.net>. Customer must have its Internet browser configured to accept cookies. Spectrum will notify the End User if the browser is not configured to accept cookies.

9. Changes of Address. Spectrum may change addressing schemes, including email and IP addresses provided by Spectrum.

10. Acceptable Use Policy. Customer shall comply with the terms of Spectrum's Acceptable Use Policy ("AUP") found at www.business.spectrum.com and that policy is incorporated by reference into this Service Agreement. Customer represents and warrants that Customer has read the AUP and shall be bound by its terms as they may be amended, revised, replaced, supplemented or otherwise changed from time-to-time by Spectrum with or without notice to Customer. Spectrum may suspend Service immediately for any violation of the AUP.

11. Spectrum Business WiFi. Spectrum Business WiFi supported by a Spectrum-provided wireless router is a service available to certain Customers and provides wireless access to the Internet Service within the Service Location ("WiFi Network"), for which Customer may be charged a fee consistent with Spectrum's then-current practices. Customer must purchase Spectrum Internet Service in order to receive Spectrum Business WiFi. The Spectrum-provided WiFi router comes programmed with certain default settings and configurations for the WiFi Network. Customer may modify the default settings and configurations on the Spectrum-provided WiFi router although Spectrum recommends maintaining the default configuration and settings. Spectrum does not guarantee the security of the Spectrum-provided WiFi router and Customer's connection to the Internet Service via the WiFi Network. Customer understands and agrees that Customer is solely responsible for the security of its WiFi Network and must enable and use encryption in order to access Spectrum-provided applications. Customer understands that this service is intended to be used by the Customer and its End Users and that Spectrum accepts no liabilities for any third-party usage.

12. The Spectrum-provided WiFi router will collect and maintain certain information regarding access to and use of the WiFi Network, which information shall include but not be limited to device identifiers, device name, device type, applications and protocols, connections, and traffic flows. Such information will be used by Spectrum to provide the Internet Service and support, as well as for Spectrum's internal business analytics regarding the use of the Internet Service. Customer acknowledges and agrees that Spectrum shall have access to the network name and password associated with the Spectrum-provided WiFi router in order to provide support and diagnostic services. Spectrum reserves the right to modify the WiFi network name and password for the Spectrum-provided WiFi router in order to safeguard Internet security, the security and privacy of Customer's information, where required by law, or for other good cause to provide, upgrade, and maintain the Internet Service, and protect the network, other users of the Internet, or our customers and subscribers. Abusive, vulgar, offensive, inappropriate or profane WiFi Network names are prohibited and may be modified in Spectrum's sole discretion. Customer acknowledges that the Spectrum-provided WiFi router is Spectrum Equipment.

13. Spectrum Business WiFi Hotspot. Spectrum reserves the right to preconfigure the Spectrum-provided WiFi router to distribute a wireless Internet access point (i.e., a Spectrum Business WiFi Hotspot, a "WiFi Hotspot") separate from the WiFi Network. Any use of bandwidth from such wireless access point by third parties will not be considered to be use by the Customer for any purpose. Customer shall have the right to disable such WiFi Hotspot, and shall not be responsible for the security of the WiFi Hotspot.

14. To be eligible to receive the WiFi Hotspot. Customer must be receiving Spectrum Internet Service. Subject to the foregoing, Spectrum will, and Customer grants Spectrum permission to, attach, install, maintain, operate, and upgrade WiFi-related equipment, cables and devices ("WiFi Equipment") on and within the Service Location. The WiFi Equipment will be operated by Spectrum, at no cost to Customer, in order to provide the WiFi Hotspot at the Service Location(s). Customer agrees to provide a standard power source for operation of the WiFi Equipment.

(a) Customer's use of the WiFi Hotspot is subject to the following additional terms and conditions:

- i. The WiFi Hotspot made available at Service Location(s) may be accessed by Customer and its End Users through their Spectrum accounts for no additional charge.
- ii. To access the WiFi Hotspot, Customer and its End Users and patrons must have a WiFi-enabled device that meets the technical specifications for the WiFi Hotspot.
- iii. Customer grants Spectrum the right to advertise, market and otherwise promote Customer's location(s) as a WiFi Hotspot access point(s), in any and all forms of media now known or hereafter developed, in Spectrum's sole discretion, and Customer grants Spectrum a license to use Customer's names, trademarks and logos in connection with such advertising, marketing and promotion.
- iv. Customer will not be entitled to receive any refunds or credits should the WiFi Hotspot be interrupted or fail, regardless of the length of time during which the WiFi Hotspot is unavailable.
- v. All WiFi Equipment constitutes Spectrum Equipment. Customer may not relocate or disconnect the WiFi Equipment.

15. **Desktop Security Service.** Desktop Security Service is made up of software and hardware components. Spectrum is not the manufacturer or supplier of any software or hardware components of the Desktop Security Service. Spectrum shall update the Desktop Security Service from time-to-time based on manufacturer-provided updates.

EXHIBIT "A-3" Fiber Internet Access Service ("FIA Service")

Fiber Internet Access. If Customer elects to receive the FIA Service, Spectrum shall provide Customer with a dedicated, scalable connection over a packet-based infrastructure with Internet service provider ("ISP") peering between Customer's data network identified on a Service Order and Spectrum's facilities.

FIA Service, or features of FIA Service, may not be available in all service areas. Spectrum's FIA Service is "On-Net" if it is provided by Spectrum to Service Locations through the Spectrum Network. Spectrum may, in its discretion, provide Customer with "Off-Net" services to geographic locations that are outside of Spectrum's service area or are not currently connected to the Spectrum Network through third party service providers. In addition, certain non-facilities-based services provided by third parties may be offered to Customer by Spectrum ("Third Party Services"). Third Party Services and Off-Net Services may be subject to additional terms and conditions.

Customer's use of the FIA Service is subject to the following additional terms and conditions:

1. FIA Service Speeds. Spectrum shall use commercially reasonable efforts to achieve the Internet speed attributable to the bandwidth for the FIA Service selected by Customer on the Service Order, however, actual speed, also known as throughput rate, may vary. Many factors affect speed experienced by Customer as outlined in Spectrum's Network Management Practices.

2. Bandwidth Management. Spectrum shall have the right, but not the obligation, to (a) monitor traffic on its Network; and (b) monitor Customer's bandwidth utilization and to limit excessive use of bandwidth (as determined by Spectrum) as Spectrum deems appropriate to efficiently manage the Spectrum Network. If Customer purchases Multi-Path FIA Service, Customer must ensure that no individual Path or data flow of such Service exceeds 2 Gbps (i.e. the rate of data transmission between any two MAC addresses and IP addresses). If Customer's Multi-Path FIA Service includes a Path or data flow that exceeds 2 Gbps, Spectrum may limit such Path or data flow to 2 Gbps. For purposes of this Attachment, (i) "Path" shall mean a connection permitting data transmission between a MAC address and IP address and another MAC address and IP address, and (ii) "Multi-Path" shall mean FIA Services permitting data transmission between or among three (3) or more MAC addresses and IP addresses.

3. Acceptable Use Policy. Customer shall comply with the terms of Spectrum's Acceptable Use Policy ("AUP") found at <https://enterprise.spectrum.com> (or the applicable successor URL) and that policy is incorporated by reference into this Service Agreement. Customer represents and warrants that Customer has read the AUP and shall be bound by its terms as they may be amended, revised, replaced, supplemented or otherwise changed from time-to-time by Spectrum with or without notice to Customer. Spectrum may suspend Service immediately for any violation of the Spectrum AUP.

4. DDoS Protection Services.

(a) This Section only applies if Customer elects to purchase DDoS Protection Service to enable detection of distributed denial of service ("DDoS") attacks, receive notifications of attacks, mitigation services, and post-event reporting of DDoS attack activity. Spectrum monitors Customer Internet traffic as it travels across Spectrum's Network to detect anomalies that are symptomatic of a volumetric DDoS attack, as reasonably determined by Spectrum (a "DDoS Attack"). Spectrum requires that Customer: (i) provide information regarding Customer's Internet traffic before Spectrum can provision the DDoS Protection Service and (ii) cooperate with Spectrum to conduct mitigation testing in order to activate the DDoS Protection Service. After DDoS Protection Service activation, Spectrum will monitor Customer's Fiber Internet Access (FIA) network traffic flow for variations to the baseline traffic patterns. When the DDoS Protection Service detects an anomaly that is symptomatic of a DDoS Attack, the DDoS Protection Service alerts Spectrum. The DDoS Protection Service and associated countermeasures are configured to reduce disruption of Customer's legitimate traffic, but Customer may experience slower Internet traffic speed during a DDoS Attack. Spectrum will remove the countermeasures and redirect Customer's inbound network traffic to its normal path if Spectrum determines that the DDoS Attack has ended and there is no activity symptomatic of a DDoS Attack for an additional 4 hours. Customer may obtain status updates and reporting from Spectrum through a customer portal, or other means as determined by Spectrum. During the provisioning process, Customer may designate whether Spectrum is to provide "Proactive" or "Reactive" mitigation services as further described below. If Customer has designated Proactive mitigation, Customer may switch to Reactive mitigation and if Customer designated Reactive mitigation, Customer may switch to Proactive mitigation, at any time during the Initial Order Term. Spectrum will use commercially reasonable efforts to implement Customer's change request within five (5) business days of receipt of Customer's request.

(b) DDoS Proactive Mitigation Services. If Customer designates Proactive mitigation services, following service activation, Spectrum will automatically implement countermeasures upon Spectrum's detection of a DDoS attack.

(c) DDoS Reactive Mitigation Services. If Customer designates Reactive mitigation services, Customer understands that Spectrum will not automatically initiate any DDoS countermeasures unless and until a Customer representative calls Spectrum to notify Spectrum that Customer may be experiencing a DDoS Attack. If Spectrum has an existing ticket indicating detection of a DDoS Attack, Spectrum will use commercially reasonable efforts to initiate countermeasures within 15 minutes.

(d) Customer Requirements. DDoS Protection Services are only available in connection with Spectrum's On-Net FIA Services and are not available in all locations. Spectrum's DDoS Protection Service is provided on an FIA connection by FIA connection basis. In the event Customer has more than one FIA connection advertising the same IP address(es), Customer is required to purchase DDoS Protection Service for each FIA connection. Spectrum's ability to provide the DDoS Protection Services is contingent on (i) Customer providing accurate and timely information to Spectrum, including IP addresses and (ii) Customer-provided equipment and software being compatible with the DDoS Protection Service as determined by Spectrum in its sole discretion (e.g., Spectrum will not be able to provide a 3GB DDoS Protection Service if Customer has a 1GB Firewall).

(e) Disclaimers: Customer acknowledges the following additional terms for the DDoS Protection Services:

- i. SPECTRUM DOES NOT SUPPORT, AND SHALL HAVE NO OBLIGATION TO PROVIDE, MITIGATION WITH RESPECT TO IPv6.
- ii. DDoS mitigation only mitigates the effects of certain types of DDoS attacks and is not designed as a comprehensive security solution. When Customer Internet traffic is traveling over the Spectrum Network, Spectrum makes no guarantees that only DDoS attack traffic will be prevented from reaching the destination or that only legitimate traffic will reach Customer.
- iii. Spectrum makes no warranty, express or implied, that: (1) with respect to DDoS Protection Service, all DDoS attacks will be detected; (2) DDoS Protection Service will successfully mitigate the incident, including without limitation if the DDoS attack generates a traffic volume that exceeds the amount of traffic that Spectrum can divert; or (3) the DDoS Protection Services will be uninterrupted or error-free.

(f) Termination.

If Customer terminates any FIA Service for which Customer has also subscribed to DDoS Protection Service for any reason other than Spectrum's material, uncured breach, then Customer shall be deemed to have terminated the corresponding DDoS Protection Service and Customer shall pay any applicable Termination Charges in accordance with the Service Agreement.

5. Data Center Cross Connect. A "Cross Connect" shall mean a connection between two networks within a data center. If Spectrum needs to connect its Network to Customer's network within a data center or to a third-party's network within a data center to deliver Spectrum Enterprise FIA Service to Customer, then a Cross Connect will be required where an external network-to-network interface (ENNI) connection is not used/unavailable. In such case, Customer may obtain the Cross Connect from the data center operator to make the connection to Spectrum's Network or Customer can request that Spectrum purchase and coordinate installation of the Cross Connect, and if Spectrum agrees, Customer must execute a Service Order reflecting the applicable MRC and any OTC.

EXHIBIT “A-4” WIDE AREA NETWORK (“WAN”) SERVICES

Ethernet, Cloud Connect and Wavelengths

1. Ethernet Service. Spectrum will provide Ethernet Services for Customer locations connected over coaxial and/or fiber-optic cable. Connectivity is established between two or more Customer end-points under a unique customer topology. Spectrum will install the coaxial or fiber-optic cable into each Customer site as listed in the Service Order(s). Spectrum will also supply an edge or network interface device, which is Spectrum Equipment, at each site that will be capable of receiving the Service as specified in the Service Order(s).

Spectrum’s Ethernet Services are “On-Net” if they are provided by Spectrum to Service Locations through the Spectrum Network. Spectrum may, in its discretion, provide Customer with “Off-Net” services to geographic locations that are outside of Spectrum’s service area or are not currently connected to the Spectrum Network through third party service providers. Off-Net Services may be subject to additional terms and conditions.

2. Cloud Connect Service. Spectrum will provide a Cloud Connect Service allowing Customer a private, layer 2 connectivity to cloud service providers (CSPs). Therefore, all terms herein shall apply to the Cloud Connect Service in addition to the Ethernet Service.

3. Wavelengths Service. Spectrum will provide Wavelengths for Customer locations connected over fiber-optic cable. Wavelengths are a high speed (10Gbps and 100Gbps), optical data transport solution that uses dense wave division multiplexing (DWDM) technology, delivering low-latency bandwidth across Spectrum Enterprise’s dense fiber network. Connectivity is established between two Customer end-points in a point-to-point topology. Spectrum will install the fiber-optic cable into each Customer site as listed in the Service Order(s). Spectrum will also supply an edge device, which is Spectrum Equipment, at each site that will be capable of receiving the Service as specified in the Service Order(s).

Spectrum’s Wavelengths are “On-Net” if they are provided by Spectrum to Service Locations through the Spectrum Network. Spectrum may, in its discretion, provide Customer with “Off-Net” services to geographic locations that are outside of Spectrum’s service area or are not currently connected to the Spectrum Network through third party service providers. Off-Net Services may be subject to additional terms and conditions.

4. Data Center Cross Connect. A “Cross Connect” shall mean a connection between two networks within a data center. If Spectrum needs to connect its Network to Customer’s network within a data center or to a third-party’s network within a data center to deliver Spectrum Enterprise Ethernet Service to Customer, then a Cross Connect will be required where an external network-to-network interface (ENNI) connection is not used/unavailable. In such case, Customer may obtain the Cross Connect from the data center operator to make the connection to Spectrum’s Network or Customer can request that Spectrum purchase and coordinate installation of the Cross Connect, and if Spectrum agrees, Customer must execute a Service Order reflecting the applicable MRC and any OTC.

5. Additional terms of use. Customer’s use of Ethernet Service, Wavelength and, as applicable, Cloud Connect Service, are subject to the following additional terms and conditions:

(a) If Customer purchases Multi-Path Ethernet Service, Customer must ensure that no individual Path or data flow of such Service exceeds 2 Gbps (i.e. the rate of data transmission between any two MAC addresses and IP addresses). If Customer’s Multi-Path Ethernet Service includes a Path or data flow that exceeds 2 Gbps, Spectrum may limit such Path or data flow to 2 Gbps. For purposes of this Attachment, (i) “Path” shall mean a connection permitting data transmission between a MAC address and IP address and another MAC address and IP address, and (ii) “Multi-Path” shall mean Ethernet Services permitting data transmission between or among three (3) or more MAC addresses and IP addresses.

(b) Spectrum shall have the right, but not the obligation, to (a) monitor traffic on the Spectrum network, in its sole discretion; and (b) monitor Customer’s bandwidth utilization as Spectrum deems appropriate to efficiently manage its Network.

(c) Customer's use of Ethernet and/or Wavelengths Services is presumed by Spectrum to be jurisdictionally interstate, pursuant to the Federal Communications Commission's mixed use "10% Rule" (47 C.F. R. 36.154, 4 FCC Rcd. 1352). It is Customer's sole responsibility to notify Spectrum if Customer's use of the Service is not jurisdictionally interstate pursuant to the 10% Rule and, so long as Customer's use of the Service remains not jurisdictionally interstate, at Supplier's request Customer will recertify that this condition remains in effect.

If Customer fails to provide such certification or if the Customer's certification is inaccurate or invalid, Customer shall be liable for any resulting fees, fines, penalties and/or costs imposed on Spectrum by the Federal Communications Commission or the state regulatory agency in charge of telecommunications services.

In addition, if Spectrum determines that Customer's use of the Ethernet Services is likely to be deemed not to be jurisdictionally interstate, and therefore that Spectrum's provision of the Ethernet Services is likely to put Spectrum or its licenses, permits or business at risk, or otherwise cause financial, regulatory or operational problems for Spectrum, then Spectrum may immediately suspend the provision of any or all Ethernet Service under any or all affected Service Orders until such time as either (a) Customer provides Spectrum with satisfactory assurances that Customer's use of Ethernet Services shall be deemed to be jurisdictionally interstate or (b) Customer is otherwise brought into full compliance with any applicable laws and regulations. Unless prohibited under applicable law, Customer at its own expense, shall indemnify, defend, and hold harmless Indemnified Parties against any and all third party claims, liabilities, lawsuits, damages, losses, judgments, costs, fees and expenses incurred by any Indemnified Parties, including reasonable attorney and other professional fees and court costs incurred by Spectrum Indemnified Parties, to the full extent that such arise from or relate to any fees, fines or penalties incurred by Spectrum as a result of Customer's violation of the 10% Rule.

EXHIBIT "A-5"

Spectrum Enterprise Trunking Service Level Agreement

This document outlines the Service Level Agreement (“SLA”) for SIP Trunking Service and PRI Service (the “Service”).

This SLA is a part of, and is hereby incorporated by reference into, the Spectrum Enterprise Service Agreement (including the terms and conditions, attachments, and Service Orders described therein, the “Agreement”). To the extent any provision of this SLA conflicts with the Agreement, this SLA shall control. This SLA document applies only to services provided over Spectrum’s own network (“On-Net”) and not any portion that is provided by a third party. All SLA Targets in the table below are measured at the individual circuit or Service level, and any applicable credits are issued only for the affected On-Net circuit or Service (the “Affected Service”). Capitalized words used, but not defined herein, shall have the meanings given to them in the Agreement.

I. SLA Targets for On-Net Services:

Service Availability	Mean Time To Restore (“MTTR”)
99.99%	Priority 1 Outages within 4 hours

II. Priority Classification:

A “Service Disruption” is defined as an outage, disruption, or severe degradation, other than an Excluded Disruption, that interferes with the ability of a Service to complete inbound and/or outbound voice calls. The Service Disruption period begins when Customer reports a Service Disruption using Spectrum’s trouble ticketing system by contacting Customer Care, Spectrum acknowledges receipt of such trouble ticket, Spectrum validates that the Service is affected, and Customer releases the Service for testing. The Service Disruption ends when the Affected Service has been restored.

“Service Degradation” means a degradation of the Service that is not a Service Disruption or a result of an Excluded Disruption, but Customer’s use of the Service is impacted.

“Excluded Disruption” means (i) planned outages, (ii) routine or urgent maintenance, (iii) time when Spectrum is unable to gain access to Customer’s premises to troubleshoot, repair or replace equipment or the Service, (iv) service problems resulting from acts or omissions of Customer or Customer’s representatives or agents, (v) Customer equipment failures, (vi) Customer is not prepared to release the Service for testing, and (vii) Force Majeure Events.

Spectrum classifies Service problems as follows:

Priority	Criteria
Priority 1	Each a “Priority 1 Outage”: <ul style="list-style-type: none"> • Service Disruption resulting in a total loss of Service; or • Service Degradation to the point where Customer is unable to use the Service and is prepared to release it for immediate testing.
Priority 2	<ul style="list-style-type: none"> • Service Degradation where Customer is able to use the Service and is not prepared to release it for immediate testing.
Priority 3	<ul style="list-style-type: none"> • A service problem that does not impact the Service; or • A single non-circuit or trunk specific quality of Service inquiry.

III. Service Availability

“Service Availability” is calculated as a percentage and is the total number of minutes in a calendar month less the number of minutes that the On-Net Service is unavailable due to a Priority 1 Outage (“Downtime”), divided by the total number of minutes in a calendar month.

IV. Mean Time to Restore (“MTTR”)

The MTTR measurement for Priority 1 Outages is the average time to restore Priority 1 Outages during a calendar month, and is calculated as the cumulative length of time it takes Spectrum to restore an On-Net Service following a Priority 1 Outage in a calendar month, divided by the corresponding number of trouble tickets for Priority 1 Outages opened during the calendar month for the On-Net Service.

MTTR per calendar month is calculated as follows:	
$\frac{\text{Cumulative length of time to restore Priority 1 Outage(s) per On-Net Service}}{\text{Total number of Priority 1 Outage trouble tickets per On-Net Service}}$	

V. Network Maintenance

Maintenance Notice:

Customer understands that, from time to time, Spectrum will perform network maintenance for network improvements and preventive maintenance. In some cases, Spectrum will need to perform urgent network maintenance, which will usually be conducted within the routine maintenance windows. Spectrum will use reasonable efforts to provide advance notice of the approximate time, duration, and reason for any urgent maintenance outside of the routine maintenance windows.

Maintenance Windows:

Routine maintenance may be performed Monday – Friday, 12 a.m. – 6 a.m. Local Time.

VI. Remedies

Service Credits:

If the actual performance of an On-Net Service during any calendar month is less than the SLA Targets and Customer is in compliance with the terms of the Agreement and this SLA, then Customer may request a Service Credit equal to the corresponding percentage of monthly Service Charges for the Affected Service as set forth in the table below. Any Service Credit to be applied will be off-set against amounts due from Customer to Spectrum in the billing cycle following the date Spectrum makes its credit determination. Service Credit requests must be submitted to Spectrum within 30 days of the calendar month in which the SLA Target was missed. Spectrum will exercise commercially reasonable efforts to respond to such Service Credit requests within thirty (30) days of receipt thereof.

Service Availability		Mean Time To Restore (“MTTR”)	
Downtime	Service Credit	MTTR	Service Credit
>15 minutes ≤ 24 hours	4%	> 4 hours ≤ 7:59:59 hours	4%
>24 hours	33.3%	≥ 8 hours	33.3%

Customer may request only one SLA Service Credit per month for the Affected Service. Should one event impact more than one SLA hereunder, Customer shall receive the single highest of the qualifying Service Credits only. Except as set forth below, the Service Credit described in this SLA shall constitute Customer's sole and exclusive remedy, and Spectrum's sole and exclusive liability, with respect to any missed SLA Targets. Service Credits hereunder shall not exceed four (4) months of Customer's applicable monthly Service Charges during any calendar year.

Chronic Priority 1 Outages:

If Customer experiences and reports three (3) separate Priority 1 Outages that are eligible for Service Credits in three (3) consecutive calendar months, then Customer may terminate the Affected Service without charge or liability by providing at least thirty (30) days written notice to Spectrum; provided, however, that (i) Customer may only terminate the Affected Service; (ii) Customer must exercise its rights to terminate the Affected Service by providing written notice to Spectrum within thirty (30) days after the event giving rise to Customer's termination right; (iii) Customer shall have paid Spectrum all amounts due at the time of such termination for all Services provided by Spectrum pursuant to the Agreement; and (iv) the foregoing termination right provides the sole and exclusive remedy of Customer and the sole and exclusive liability of Spectrum for chronic Priority 1 Outages and Customer shall not be eligible for any additional credits. Termination will be effective forty-five (45) days after Spectrum's receipt of such written notice of termination.

EXHIBIT "A-6"

Spectrum Enterprise Fiber Internet Access Service Level Agreement

This document outlines the Service Level Agreement (“SLA”) for Fiber Internet Access (“FIA”) fiber-based service (the “Service”).

This SLA is a part of, and hereby incorporated by reference into the Spectrum Enterprise Service Agreement (including the terms and conditions, attachments, and Service Orders described therein, the “Agreement”). To the extent any provision of this SLA conflicts with the Agreement, this SLA shall control. All SLA Targets in the table below are measured from Customer’s Service Location to the location where Spectrum Enterprise has local access to the Internet (the Spectrum Enterprise “Point of Presence” or “POP”) at the individual circuit or service level, and any applicable credits are issued only for the affected FIA circuit or service (the “Affected Service”). Capitalized words used, but not defined herein, shall have the meanings given to them in the Agreement.

I. SLA Targets for FIA Services:

Service Availability	Mean Time To Restore (“MTTR”)	Latency / Frame Delay (Roundtrip)	Jitter / Frame Delay Variation	Packet Loss / Frame Loss
End to End: 99.99%	Priority 1 Outages within 4 hours	45ms	<2ms	<0.1%

II. Priority Classification:

A “Service Disruption” is defined as an outage, disruption, or severe degradation, other than an Excluded Disruption, that interferes with the ability of a Spectrum Enterprise network hub to: (i) transmit and receive network traffic on Customer’s dedicated access port at the Spectrum Enterprise network hub; or (ii) exchange network traffic with another Spectrum Enterprise network hub. The Service Disruption period begins when Customer reports a Service Disruption using Spectrum Enterprise’s trouble ticketing system by contacting Customer Care, Spectrum Enterprise acknowledges receipt of such trouble ticket, Spectrum Enterprise validates that the Service is affected, and Customer releases the Service for testing. The Service Disruption ends when the affected Service has been restored.

“Service Degradation” means a degradation of the Service that is not a Service Disruption or a result of an Excluded Disruption, such as failure of the Service to achieve the SLA Targets for Latency / Frame Delay, Jitter / Frame Delay Variation, or Packet / Frame Loss.

“Excluded Disruptions” means (i) planned outages, (ii) routine or urgent maintenance, (iii) time when Spectrum Enterprise is unable to gain access to Customer’s Service Location, if necessary, (iv) service issues arising from acts of omissions of Customer or Customer’s representatives or agents, (v) Customer equipment failures, (vi) Customer is not prepared to release the Service for testing, and (vii) Force Majeure Events.

Spectrum Enterprise will classify Service problems as follows:

Priority	Criteria
Priority 1	Each a "Priority 1 Outage": <ul style="list-style-type: none"> • Service Disruption resulting in a total loss of Service; or • Service Degradation to the point where Customer is unable to use the Service and is prepared to release it for immediate testing
Priority 2	<ul style="list-style-type: none"> • Service Degradation where Customer is able to use the Service and is not prepared to release it for immediate testing.
Priority3	<ul style="list-style-type: none"> • A service problem that does not impact the Service; or • A single non-circuit specific quality of Service inquiry.

III. Service Availability

"Service Availability" is calculated as the total number of minutes in a calendar month less the number of minutes that the FIA Service is unavailable due to a Priority 1 Outage ("Downtime"), divided by the total number of minutes in a calendar month.

The following table contains examples of the percentage of Service Availability translated into minutes of Downtime for the 99.99% Service Availability Target:

Percentage by Days Per Month	Total Minutes / Month	Downtime Minutes
99.99% for 31 Days	44,640	4.5
99.99% for 30 Days	43,200	4.3
99.99% for 29 Days	41,760	4.2
99.99% for 28 Days	40,320	4

IV. Mean Time to Restore ("MTTR")

The MTTR measurement for Priority 1 Outages is the average time to restore Priority 1 Outages during a calendar month calculated as the cumulative length of time it takes Spectrum Enterprise to restore an FIA Service following a Priority 1 Outage in a calendar month divided by the corresponding number of trouble tickets for Priority 1 Outages opened during the calendar month for the FIA Service.

MTTR per calendar month is calculated as follows:

Cumulative length of time to restore Priority 1 Outage(s) per FIA Service
Total number of Priority 1 Outage trouble tickets per FIA Service

V. Latency / Frame Delay

Latency or Frame Delay is the average roundtrip network delay, measured every 5 minutes during a calendar month, unless measurement is not possible as a result of an Excluded Disruption, to adequately determine a consistent average monthly performance level for frame delay for each FIA Service. The roundtrip delay is expressed in milliseconds (ms).

Latency is calculated as follows:

$$\frac{\text{Latency/Frame Delay} = \text{Sum of the roundtrip delay measurements for an FIA Service}}{\text{Total \# of measurements for an FIA Service}}$$

VI. Packet Loss / Frame Loss Ratio

Packet Loss or Frame Loss Ratio is defined as the percentage of frames that are not successfully received compared to the total frames that are sent in a calendar month, except where any packet or frame loss is the result of an Excluded Disruption. The percentage calculation is based on frames that are transmitted from a network origination point and received at a network destination point.

Packet Loss / Frame Loss Ratio is calculated as follows:

$$\text{Packet Loss / Frame Loss (\%)} = 100 (\%) - \frac{\text{Frames Received (\%)}}{\text{Total \# of measurements for an FIA Service}}$$

VII. Jitter / Frame Delay Variation

Jitter or Frame Delay Variation is defined as the variation in delay for two consecutive frames that are transmitted (one-way) from a network origination point and received at a network destination point. Spectrum Enterprise measures a sample set of frames every 5 minutes during a calendar month, unless measurement is not possible as a result of an Excluded Disruption, and determines the average delay between consecutive frames within each sample set. The monthly Jitter / Frame Delay Variation is calculated as the average of all of the frame delay variation measurements during such calendar month and is expressed in milliseconds (ms).

Jitter / Frame Delay Variation is calculated as follows:

$$\text{Jitter / Frame Delay Variation} = \frac{\text{Sum of the Frame Delay Variation measurements for an FIA Service}}{\text{Total \# of measurements for an FIA Service}}$$

VIII. Network Maintenance

Maintenance Notice:

Customer understands that from time to time, Spectrum Enterprise will perform network maintenance for network improvements and preventive maintenance. In some cases, Spectrum Enterprise will need to perform urgent network maintenance, which will usually be conducted within the routine maintenance windows. Spectrum Enterprise will use reasonable efforts to provide advance notice of the approximate time, duration, and reason for any urgent maintenance outside of the routine maintenance windows.

Maintenance Windows:

Routine maintenance may be performed Monday – Friday 12 a.m. – 6 a.m. Local Time.

IX. Remedies

Service Credits:

If the actual performance of an FIA Service during any calendar month is less than the SLA Targets and Customer is in compliance with the terms of the Agreement and this SLA, then Customer may request credit equal to the corresponding percentage of monthly recurring charges for the Affected Service as set forth in the table below. Any credit to be applied will be off-set against amounts due from Customer to Spectrum Enterprise in the billing cycle following the date Spectrum Enterprise makes its credit determination. Credit requests must be submitted to Spectrum Enterprise within thirty (30) days of the calendar month in which the SLA Target was missed. Spectrum Enterprise will exercise commercially reasonable efforts to respond to such credit requests within thirty (30) days of receipt thereof.

Service Availability	Mean Time To Restore ("MTTR")	Latency / Frame Delay (Roundtrip)	Jitter / Frame Delay Variation	Packet Loss / Frame Loss
30%	> 4 hours ≤ 7:59:59 hours	4%	5%	5%
	> 8 hours	10%		

All SLA Targets are monthly measurements, and Customer may request only one credit per SLA Target per month for the Affected Service. Should one event impact more than one SLA hereunder, Customer shall receive the single highest of the qualifying credits only. Except as set forth below, the credits described in this SLA shall constitute Customer's sole and exclusive remedy, and Spectrum Enterprise's sole and exclusive liability, with respect to any missed SLA Targets. Service Credits hereunder shall not be cumulative per Service.

Chronic Priority 1 Outages:

If Customer experiences and reports three (3) separate Priority 1 Outages where the Downtime exceeds four (4) hours during each Priority 1 Outage within three (3) consecutive calendar months, then Customer may terminate the Affected Service without charge or liability by providing at least thirty (30) days written notice to Spectrum Enterprise; provided, however, that (i) Customer may only terminate the Affected Service; (ii) Customer must exercise its right to terminate the Affected Service by providing written notice to Spectrum Enterprise within thirty (30) days after the event giving rise to Customer's termination right; (iii) Customer shall have paid Spectrum Enterprise all amounts due at the time of such termination for all Services provided by Spectrum Enterprise pursuant to the Agreement, and (iv) the foregoing termination right provides the sole and exclusive remedy of Customer and the sole and exclusive liability of Spectrum Enterprise for chronic Priority 1 Outages and Customer shall not be eligible for any additional credits. Termination will be effective forty-five (45) days after Spectrum Enterprise's receipt of such written notice of termination.

EXHIBIT "A-7"

Spectrum Enterprise

Ethernet Service Level Agreement

This document outlines the Service Level Agreement (“SLA”) for fiber-based Spectrum Enterprise Ethernet Service and Spectrum Enterprise Cloud Connect Service (individually the “Service” and collectively the “Services”). Capitalized words used, but not defined herein, shall have the meanings given to them in the Agreement.

This SLA is a part of, and hereby incorporated by reference into the Spectrum Enterprise Service Agreement (including the terms and conditions, attachments, and Service Orders described therein, the “Agreement”). To the extent any provision of this SLA conflicts with the Agreement, this SLA shall control. Performance tier goals (“SLA Targets”) are set forth in the table(s) below.

Ethernet Services SLA Targets presented below are measured end to end (i.e. from any two applicable Customer’s edge or network interface devices at the Service Location) at the individual circuit or service level, and any applicable credits are issued for the affected circuit or service (the “Affected Service”).

The Cloud Connect Service SLA Target for Availability is measured between Spectrum Enterprise’s network interface device (NID) located at the Customer location and the point of physical handoff of the Service to the Cloud Service Provider (the “Gateway Point”).

I. SLA Targets for Ethernet and Cloud Connect Services:

Spectrum Enterprise Ethernet Services SLAs			
Performance Tier	Metro ¹	Regional ¹	National ^{1,2}
Miles ³	0 - 155	>155 - 746	> 746
Kilometers ³	0 - 250	>250 - 1200	> 1200
Latency	≤ 10ms	≤ 25ms	≤ 60ms
Jitter	≤ 2ms	≤ 4ms	≤ 8ms
Frame Loss	≤ 0.01%	≤ 0.01%	≤ 0.01%
Availability	≥ 99.99%	≥ 99.99%	≥ 99.99%
MTTR	4 hrs.	4 hrs.	4 hrs.

¹ “Metro”, “Regional”, and “National” includes circuits that are provided by Spectrum Enterprise to Service Locations directly from the Spectrum Enterprise Network.

² “National” also includes all circuits provided by third party service providers, regardless of distance.

³ Miles and Kilometers are measured by fiber router miles.

Spectrum Enterprise Cloud Connect Gateway Point SLAs	
Availability	≥ 99.99%

II. Priority Classification:

“Excluded Disruptions” means (i) planned outages, (ii) routine or urgent maintenance, (iii) time when Spectrum Enterprise is unable to gain access to Customer’s premises to troubleshoot, repair or replace equipment or the Service, (iv) service problems resulting from acts of omissions of Customer or Customer’s representatives or agents, (v) Customer equipment failures, (vi) Customer is not prepared to release the Service for testing, and (vii) Force Majeure Events. Notwithstanding anything to the contrary in the Agreement, any service issues beyond the connectivity to the Cloud Service Provider is not covered by this SLA.

A “Service Disruption” is defined as an outage, disruption, or severe degradation, other than an Excluded Disruption, that interferes with the ability of a Spectrum Enterprise network hub to transmit and receive network traffic between Customer’s A and Z Service Locations. The Service Disruption period begins when Customer reports a Service Disruption using Spectrum Enterprise’s trouble ticketing system by contacting Customer Care, Spectrum Enterprise acknowledges receipt of such trouble ticket, Spectrum Enterprise validates that the Service is affected, and Customer releases the Service for testing. The Service Disruption ends when the affected Service has been restored.

“Service Degradation” means a degradation of the Service that is not a Service Disruption or a result of an Excluded Disruption, such as failure of the Service to achieve the SLA Targets for Latency / Frame Delay, Jitter / Frame Delay Variation, or Packet / Frame.

Spectrum Enterprise will classify Service problems as follows:

Priority	Criteria
Priority 1	<ul style="list-style-type: none"> Service Disruption resulting in a total loss of Service; or Service Degradation to the point where Customer is unable to use the Service and is prepared to release it for immediate testing (each a “Priority 1 Outage”).
Priority 2	<ul style="list-style-type: none"> Service Degradation where Customer is able to use the Service and is not prepared to release it for immediate testing.
Priority 3	<ul style="list-style-type: none"> A service problem that does not impact the Service; or A single non-circuit specific quality of Service inquiry.

III. Service Availability:

“Service Availability” is calculated as the total number of minutes in a calendar month less the number of minutes that the Service is unavailable due to a Priority 1 Outage (“Downtime”), divided by the total number of minutes in a calendar month.

The following table contains examples of the percentage of Service Availability translated into minutes of Downtime for the 99.99% Service Availability Target:

Percentage by Days Per Month	Total Minutes / Month	Downtime Minutes
99.99% for 31 Days	44,640	4.5
99.99% for 30 Days	43,200	4.3
99.99% for 29 Days	41,760	4.2
99.99% for 28 Days	40,320	4

IV. Mean Time to Restore (MTTR):

The MTTR measurement for Priority 1 Outages is the average time to restore Priority 1 Outages during a calendar month calculated as the cumulative length of time it takes Spectrum Enterprise to restore a Service following a Priority 1 Outage in a calendar month divided by the corresponding number of trouble tickets for Priority 1 Outages opened during the calendar month for the Service.

MTTR per calendar month is calculated as follows:

$$\frac{\text{Cumulative length of time to restore Priority 1 Outage(s) per Service}}{\text{Total number of Priority 1 Outage trouble tickets per Service}}$$

V. Latency / Frame Delay:

Latency or Frame Delay is the average roundtrip network delay, measured every 5 minutes during a calendar month, unless measurement is not possible as a result of an Excluded Disruption, to adequately determine a consistent average monthly performance level for frame delay for each Service. The roundtrip delay is expressed in milliseconds (ms).

Latency / Frame Delay is calculated as follows:

$$\frac{\text{Sum of the roundtrip delay measurements for a Service}}{\text{Total \# of measurements for a Service}}$$

VI. Packet Loss / Frame Loss Ratio:

Packet Loss or Frame Loss Ratio is defined as the percentage of frames that are not successfully received compared to the total frames that are sent in a calendar month, except where any packet or frame loss is the result of an Excluded Disruption. The percentage calculation is based on frames that are transmitted from a network origination point and received at a network destination point.

Packet Loss / Frame Loss Ratio is calculated as follows:

$\text{Packet Loss / Frame Loss (\%)} = 100 (\%) - \text{Frames Received}$
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VII. Jitter / Frame Delay Variation:

Jitter or Frame Delay Variation is defined as the variation in delay for two consecutive frames that are transmitted (one-way) from a network origination point and received at a network destination point. Spectrum Enterprise measures a sample set of frames every 5 minutes during a calendar month, unless measurement is not possible as a result of an Excluded Disruption, and determines the average delay between consecutive frames within each sample set. The monthly Jitter / Frame Delay Variation is calculated as the average of all of the frame delay variation measurements during such calendar month and is expressed in milliseconds (ms).

$\frac{\text{Sum of the Frame Delay Variation measurements for a Service}}{\text{Total \# of measurements for a Service}}$
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VIII. Network Maintenance:

Maintenance Notice:

Customer understands that from time to time, Spectrum Enterprise will perform network maintenance for network improvements and preventive maintenance. In some cases, Spectrum Enterprise will need to perform urgent network maintenance, which will usually be conducted within the routine maintenance windows. Spectrum Enterprise will use reasonable efforts to provide advance notice of the approximate time, duration, and reason for any urgent maintenance outside of the routine maintenance windows.

Maintenance Windows:

Routine maintenance may be performed Monday – Friday 12 a.m. – 6 a.m. Local Time.

IX. Remedies Service Credit:

If the actual performance of a Service during any calendar month is less than the SLA Targets, and Customer is in compliance with the terms of the Agreement and this SLA, then Customer may request credit equal to the corresponding percentage of the monthly recurring charges for the Affected Service as set forth in the table below. Any credit to be applied will be off-set against any amounts due from Customer to Spectrum Enterprise in the billing cycle following the date Spectrum Enterprise makes its credit determination. Credit requests must be submitted to Spectrum Enterprise within thirty (30) days of the calendar month in which the SLA Target was missed. Spectrum Enterprise will exercise commercially reasonable efforts to respond to such credit requests within 30 days of receipt thereof.

Service Availability	Mean Time To Restore (“MTTR”)		Latency / Frame Delay (Roundtrip)	Jitter / Frame Delay Variation	Packet / Frame Loss
30%	> 4 hours ≤ 7:59:59 hours	4%	5%	5%	5%
	> 8 hours	10%			

All SLA Targets are monthly measurements, and Customer may request only one credit per SLA Target per month for the Affected Service. Should one event impact more than one SLA hereunder, Customer shall receive the single highest of the qualifying credits only. Except as set forth below, the credits described in this SLA shall constitute Customer’s sole and exclusive remedy, and Spectrum Enterprise’s sole and exclusive liability, with respect to any missed SLA Targets. Service Credits hereunder shall not be cumulative per Service.

X. Chronic Priority 1 Outages:

If Customer experiences and reports three (3) separate Priority 1 Outages where the Downtime exceeds four (4) hours during each Priority 1 Outage within three (3) consecutive calendar months, then Customer may terminate the Affected Service without charge or liability by providing at least thirty (30) days written notice to Spectrum Enterprise; provided, however, that (i) Customer may only terminate the Affected Service; (ii) Customer must exercise its right to terminate the Affected Service by providing written notice to Spectrum Enterprise within thirty (30) days after the event giving rise to Customer’s termination right; (iii) Customer shall have paid Spectrum Enterprise all amounts due at the time of such termination for all Services provided by Spectrum Enterprise pursuant to the Agreement, and (iv) the foregoing termination right provides the sole and exclusive remedy of Customer and the sole and exclusive liability of Spectrum Enterprise for chronic Priority 1 Outages and Customer shall not be eligible for any additional credits. Termination will be effective forty-five (45) days after Spectrum Enterprise’s receipt of such written notice of termination.