

- 7.2.5 Reciprocal Compensation shall not apply to special access, private line, or any other traffic that is not switched by the terminating Party.
 - 7.2.6 Reciprocal Compensation shall not apply to Tandem Transit Traffic.
 - 7.2.7 Reciprocal Compensation shall not apply to Voice Information Service Traffic (as defined in Section 5 of the Additional Services Attachment).
 - 7.2.8 Reciprocal Compensation shall not apply to traffic that is not subject to Reciprocal Compensation under Section 251(b)(5) of the Act.
 - 7.2.9 Reciprocal Compensation shall not apply to Virtual Foreign Exchange Traffic (i.e., V/FX Traffic). As used in this Agreement, "Virtual Foreign Exchange Traffic" or "V/FX Traffic" is defined as calls in which a Neutral Tandem Customer is assigned a telephone number with an NXX Code (as set forth in the LERG) associated with an exchange that is different than the exchange (as set forth in the LERG) associated with the actual physical location of such Customer's station. For the avoidance of any doubt, Neutral Tandem shall pay Verizon's originating access charges for all V/FX Traffic originated by a Verizon Customer, and Neutral Tandem shall pay Verizon's terminating access charges for all V/FX Traffic originated by a Neutral Tandem Customer.
- 7.3 The Reciprocal Compensation rates (including, but not limited to, the Reciprocal Compensation per minute of use charges) billed by Neutral Tandem to Verizon shall not exceed the Reciprocal Compensation rates (including, but not limited to, Reciprocal Compensation per minute of use charges) billed by Verizon to Neutral Tandem.

8. Other Types of Traffic

- 8.1 Notwithstanding any other provision of this Agreement or any Tariff: (a) the Parties' rights and obligations with respect to any intercarrier compensation that may be due in connection with their exchange of Internet Traffic shall be governed by the terms of the FCC Internet Order and other applicable FCC orders and FCC Regulations; and, (b) a Party shall not be obligated to pay any intercarrier compensation for Internet Traffic that is in excess of the intercarrier compensation for Internet Traffic that such Party is required to pay under the FCC Internet Order and other applicable FCC orders and FCC Regulations.
- 8.2 Subject to Section 8.1 of this Attachment, interstate and intrastate Exchange Access, Information Access, exchange services for Exchange Access or Information Access, and Toll Traffic, shall be governed by the applicable provisions of this Agreement and applicable Tariffs.
- 8.3 For any traffic originating with a third party carrier and delivered by Neutral Tandem to Verizon, Neutral Tandem shall pay Verizon the same amount that such third party carrier would have been obligated to pay Verizon for termination of that traffic at the location the traffic is delivered to Verizon by Neutral Tandem.
- 8.4 Any traffic not specifically addressed in this Agreement shall be treated as required by the applicable Tariff of the Party transporting and/or terminating the traffic.
- 8.5 The Parties may also exchange Internet Traffic at the technically feasible Point(s) of Interconnection on Verizon's network in a LATA established hereunder for the exchange of Reciprocal Compensation Traffic. Any intercarrier compensation

that may be due in connection with the Parties' exchange of Internet Traffic shall be applied at such technically feasible Point of Interconnection on Verizon's network in a LATA in accordance with the FCC Internet Order.

9. Transmission and Routing of Exchange Access Traffic

9.1 Scope of Traffic.

Section 9 prescribes parameters for certain trunks to be established over the Interconnections specified in Sections 2 through 5 of this Attachment for the transmission and routing of traffic between Neutral Tandem Telephone Exchange Service Customers and Interexchange Carriers ("Access Toll Connecting Trunks"), in any case where Neutral Tandem elects to have its End Office Switch subtend a Verizon Tandem. This includes casually-dialed (1010XXX and 101XXXX) traffic.

9.2 Access Toll Connecting Trunk Group Architecture.

- 9.2.1** If Neutral Tandem chooses to subtend a Verizon access Tandem, Neutral Tandem's NPA/NXX must be assigned by Neutral Tandem to subtend the same Verizon access Tandem that a Verizon NPA/NXX serving the same Rate Center Area subtends as identified in the LERG.
- 9.2.2** Neutral Tandem shall establish Access Toll Connecting Trunks pursuant to applicable access Tariffs by which it will provide Switched Exchange Access Services to Interexchange Carriers to enable such Interexchange Carriers to originate and terminate traffic to and from Neutral Tandem's Customers.
- 9.2.3** The Access Toll Connecting Trunks shall be two-way trunks. Such trunks shall connect the End Office Neutral Tandem utilizes to provide Telephone Exchange Service and Switched Exchange Access to its Customers in a given LATA to the access Tandem(s) Verizon utilizes to provide Exchange Access in such LATA.
- 9.2.4** Access Toll Connecting Trunks shall be used solely for the transmission and routing of Exchange Access to allow Neutral Tandem's Customers to connect to or be connected to the interexchange trunks of any Interexchange Carrier which is connected to a Verizon access Tandem.

10. Meet-Point Billing Arrangements

- 10.1** Neutral Tandem and Verizon will establish Meet-Point Billing (MPB) arrangements in order to provide a common transport option to Switched Exchange Access Services customers via a Verizon access Tandem Switch in accordance with the Meet Point Billing guidelines contained in the OBF's MECAB and MECOD documents, except as modified herein, and in Verizon's applicable Tariffs. The arrangements described in this Section 10 are intended to be used to provide Switched Exchange Access Service where the transport component of the Switched Exchange Access Service is routed through an access Tandem Switch that is provided by Verizon.
- 10.2** In each LATA, the Parties shall establish MPB arrangements for the applicable Neutral Tandem Routing Point/Verizon Serving Interconnection Wire Center combinations.

- 10.3 Interconnection for the MPB arrangement shall occur at each of the Verizon access Tandems in the LATA, unless otherwise agreed to by the Parties.
- 10.4 Neutral Tandem and Verizon will use reasonable efforts, individually and collectively, to maintain provisions in their respective state access Tariffs, and/or provisions within the National Exchange Carrier Association (NECA) Tariff No. 4, or any successor Tariff sufficient to reflect the MPB arrangements established pursuant to this Agreement.
- 10.5 In general, there are four alternative Meet-Point Billing arrangements possible, which are: Single Bill/Single Tariff, Multiple Bill/Single Tariff, Multiple Bill/Multiple Tariff, and Single Bill/Multiple Tariff, as outlined in the OBF MECAB Guidelines.

Each Party shall implement the "Multiple Bill/Single Tariff" or "Multiple Bill/Multiple Tariff" option, as appropriate, in order to bill an IXC for the portion of the MPB arrangement provided by that Party. Alternatively, in former Bell Atlantic service areas, upon agreement of the Parties, each Party may use the New York State Access Pool on its behalf to implement the Single Bill/Multiple Tariff or Single Bill/Single Tariff option, as appropriate, in order to bill an IXC for the portion of the MPB arrangement provided by that Party.
- 10.6 The rates to be billed by each Party for the portion of the MPB arrangement provided by it shall be as set forth in that Party's applicable Tariffs, or other document that contains the terms under which that Party's access services are offered. For each Neutral Tandem Routing Point/Verizon Serving Interconnection Wire Center combination, the MPB billing percentages for transport between the Neutral Tandem Routing Point and the Verizon Serving Interconnection Wire Center shall be calculated in accordance with the formula set forth in Section 10.17 of this Attachment.
- 10.7 Each Party shall provide the other Party with the billing name, billing address, and Carrier Identification Code (CIC) of the IXC, and identification of the Verizon Interconnection Wire Center serving the IXC in order to comply with the MPB notification process as outlined in the MECAB document.
- 10.8 Verizon shall provide Neutral Tandem with the Terminating Switched Access Detail Usage Data (EMI category 1101XX records) recorded at the Verizon access Tandem on cartridge or via such other media as the Parties may agree to, no later than ten (10) Business Days after the date the usage occurred.
- 10.9 Neutral Tandem shall provide Verizon with the Originating Switched Access Detail Usage Data (EMI category 1101XX records) on cartridge or via such other media as the Parties may agree, no later than ten (10) Business Days after the date the usage occurred.
- 10.10 All usage data to be provided pursuant to Sections 10.8 and 10.9 of this Attachment shall be sent to the following addresses:

To Neutral Tandem:

David Tatak
1 South Wacker
Suite 200
Chicago, Illinois 60606

For Verizon:

Verizon Data Services
ATTN: MPB
1 East Telecom Parkway
Dock D
Temple Terrace, FL 33637

Either Party may change its address for receiving usage data by notifying the other Party in writing pursuant to Section 29 of the General Terms and Conditions.

- 10.11 Neutral Tandem and Verizon shall coordinate and exchange the billing account reference (BAR) and billing account cross reference (BACR) numbers or Operating Company Number ("OCN"), as appropriate, for the MPB arrangements described in this Section 10. Each Party shall notify the other if the level of billing or other BAR/BACR elements change, resulting in a new BAR/BACR number, or if the OCN changes.
- 10.12 Each Party agrees to provide the other Party with notification of any errors it discovers in MPB data within thirty (30) calendar days of the receipt of the original data. The other Party shall attempt to correct the error and resubmit the data within ten (10) Business Days of the notification. In the event the errors cannot be corrected within such ten- (10) Business-Day period, the erroneous data will be considered lost. In the event of a loss of data, whether due to uncorrectable errors or otherwise, both Parties shall cooperate to reconstruct the lost data and, if such reconstruction is not possible, shall accept a reasonable estimate of the lost data based upon prior usage data.
- 10.13 Either Party may request a review or audit of the various components of access recording up to a maximum of two (2) audits per calendar year. All costs associated with each review and audit shall be borne by the requesting Party. Such review or audit shall be conducted subject to Section 7 of the General Terms and Conditions and during regular business hours. A Party may conduct additional audits, at its expense, upon the other Party's consent, which consent shall not be unreasonably withheld.
- 10.14 Except as expressly set forth in this Agreement, nothing contained in this Section 10 shall create any liability for damages, losses, claims, costs, injuries, expenses or other liabilities whatsoever on the part of either Party.
- 10.15 MPB will apply for all traffic bearing the 500, 900, toll free service access code (e.g. 800/888/877) (to the extent provided by an IXC) or any other non-geographic NPA which may be designated for such traffic in the future.
- 10.16 In the event Neutral Tandem determines to offer Telephone Exchange Services in a LATA in which Verizon operates an access Tandem Switch, Verizon shall permit and enable Neutral Tandem to subtend the Verizon access Tandem Switch(es) designated for the Verizon End Offices in the area where there are located Neutral Tandem Routing Point(s) associated with the NPA NXX(s) to/from which the Switched Exchange Access Services are homed.
- 10.17 Except as otherwise mutually agreed by the Parties, the MPB billing percentages for each Routing Point/Verizon Serving Interconnection Wire Center combination shall be calculated according to the following formula, unless as mutually agreed to by the Parties:

$$a / (a + b) = \text{Neutral Tandem Billing Percentage}$$

and

$$b / (a + b) = \text{Verizon Billing Percentage}$$

where:

a = the airline mileage between Neutral Tandem Routing Point and the actual point of interconnection for the MPB arrangement; and

b = the airline mileage between the Verizon Serving Interconnection Wire Center and the actual point of interconnection for the MPB arrangement.

- 10.18 Neutral Tandem shall inform Verizon of each LATA in which it intends to offer Telephone Exchange Services and its calculation of the billing percentages which should apply for such arrangement. Within ten (10) Business Days of Neutral Tandem's delivery of notice to Verizon, Verizon and Neutral Tandem shall confirm the Routing Point/Verizon Serving Interconnection Wire Center combination and billing percentages.

11. Toll Free Service Access Code (e.g., 800/888/877) Traffic

The following terms shall apply when either Party delivers toll free service access code (e.g., 800/877/888)(“8YY”) calls to the other Party. For the purposes of this Section 11, the terms “translated” and “untranslated” refers to those toll free service access code calls that have been queried (“translated”) or have not been queried (“untranslated”) to an 8YY database. Except as otherwise agreed to by the Parties, all Neutral Tandem originating “untranslated” 8YY traffic will be routed over a separate One-Way miscellaneous Trunk group.

- 11.1 When Neutral Tandem delivers translated 8YY calls to Verizon to be completed by

11.1.1 an IXC:

- 11.1.1.1 Neutral Tandem will provide an appropriate EMI record to Verizon;
- 11.1.1.2 Neutral Tandem will bill the IXC the Neutral Tandem's applicable Switched Exchange Access Tariff charges and the Neutral Tandem's applicable Tariff query charges; and
- 11.1.1.3 Verizon will bill the IXC Verizon's applicable Switched Exchange Access Tariff charges.

11.1.2 Verizon:

- 11.1.2.1 Neutral Tandem will provide an appropriate EMI record to Verizon; and
- 11.1.2.2 Neutral Tandem will bill Verizon the Neutral Tandem's Switched Exchange Access Tariff charges and the Neutral Tandem's applicable Tariff query charge.

11.1.3 a toll free service access code service provider in that LATA:

- 11.1.3.1 Neutral Tandem will provide an appropriate EMI record to Verizon and the toll free service access code service provider;
 - 11.1.3.2 Neutral Tandem will bill the toll free service access code service provider the Neutral Tandem's applicable Switched Exchange Access Tariff charges and the Neutral Tandem's applicable Tariff query charges; and
 - 11.1.3.3 Verizon will bill the toll free service access code service provider Verizon's applicable Switched Exchange Access Tariff charges.
- 11.2 When Verizon performs the query and delivers translated 8YY calls, originated by Verizon's Customer or another LEC's Customer to Neutral Tandem to be completed by
 - 11.2.1 Neutral Tandem:
 - 11.2.1.1 Verizon will provide an appropriate EMI record to Neutral Tandem; and
 - 11.2.1.2 Verizon will bill Neutral Tandem Verizon's applicable Switched Exchange Access Tariff charges and Verizon's applicable Tariff query charges.
 - 11.2.2 a toll free service access code service provider in that LATA:
 - 11.2.2.1 Verizon will provide an appropriate EMI record to Neutral Tandem and the toll free service access code service provider;
 - 11.2.2.2 Verizon will bill the toll free service access code service provider Verizon's applicable Switched Exchange Access Tariff charges and Verizon's applicable Tariff query charges; and
 - 11.2.2.3 Neutral Tandem will bill the toll free service access code service provider the Neutral Tandem's applicable Switched Exchange Access Tariff charges.
- 11.3 When Neutral Tandem: delivers untranslated 8YY calls to Verizon to be completed by
 - 11.3.1 an IXC:
 - 11.3.1.1 Verizon will query the call and route the call to the appropriate IXC;
 - 11.3.1.2 Verizon will provide an appropriate EMI record to Neutral Tandem;
 - 11.3.1.3 Verizon will bill the IXC Verizon's applicable Switched Exchange Access Tariff charges and Verizon's applicable Tariff query charges; and
 - 11.3.1.4 Neutral Tandem will bill the IXC Neutral Tandem's applicable Switched Exchange Access Tariff charges.

11.3.2 Verizon:

- 11.3.2.1 Verizon will query the call and complete the call;
- 11.3.2.2 Verizon will provide an appropriate EMI record to Neutral Tandem;
- 11.3.2.3 Neutral Tandem will bill Verizon the Neutral Tandem's applicable Switched Exchange Access Tariff charges.

11.3.3 a toll free service access code service provider in that LATA:

- 11.3.3.1 Verizon will query the call and route the call to the appropriate toll free service access code service provider;
- 11.3.3.2 Verizon will provide an appropriate EMI record to Neutral Tandem and the toll free service access code service provider;
- 11.3.3.3 Verizon will bill the toll free service access code service provider Verizon's applicable Switched Exchange Access Tariff and Verizon's applicable Tariff query charges; and
- 11.3.3.4 Neutral Tandem will bill the toll free service access code service provider the Neutral Tandem's applicable Switched Exchange Access Tariff charges.

11.4 Verizon will not direct untranslated toll free service access code calls to Neutral Tandem.

12. Tandem Transit Traffic

- 12.1 As used in this Section, Tandem Transit Traffic is Telephone Exchange Service traffic that originates on Neutral Tandem's network, and is transported through Verizon's Tandem to the subtending End Office or its equivalent of another carrier (CLEC, ILEC other than Verizon, Commercial Mobile Radio Service (CMRS) carrier, or other LEC ("Other Carrier"). Neither the originating nor terminating customer is a Customer of Verizon. Subtending End Offices shall be determined in accordance with and as identified in the Local Exchange Routing Guide (LERG). For the avoidance of any doubt, under no circumstances shall Verizon be required to transit traffic through a Verizon Tandem to a Central Office that the LERG does not identify as subtending that particular Verizon Tandem. Switched Exchange Access Service traffic is not Tandem Transit Traffic.
- 12.2 Tandem Transit Traffic Service provides Neutral Tandem with the transport of Tandem Transit Traffic as provided below.
- 12.3 Tandem Transit Traffic may be routed over the Interconnection Trunks described in Sections 2 through 6 of this Attachment. Neutral Tandem shall deliver each Tandem Transit Traffic call to Verizon's Tandem with CCS and the appropriate Transactional Capabilities Application Part ("TCAP") message to facilitate full interoperability of CLASS Features and billing functions.
- 12.4 Neutral Tandem may use Tandem Transit Traffic Service only for traffic that originates on Neutral Tandem's network and only to send traffic to an Other Carrier with whom Neutral Tandem has a reciprocal traffic exchange arrangement (either via written agreement or mutual tariffs) that provides for the

Other Carrier, to terminate or complete traffic originated by Neutral Tandem and to bill Neutral Tandem, and not to bill Verizon, for such traffic. Neutral Tandem agrees not to use Verizon's Tandem Transit Traffic Service to send traffic to an Other Carrier with whom Neutral Tandem does not have such a reciprocal traffic exchange arrangement or to send traffic that does not originate on Neutral Tandem's network.

- 12.5 Neutral Tandem shall pay Verizon for Tandem Transit Traffic Service at the rates specified in the Pricing Attachment. Verizon will not be liable for compensation to any Other Carrier for any traffic that is transported through Verizon's Tandem and Verizon reserves the right to assess to Neutral Tandem any additional charges or costs any Other Carrier imposes or levies on Verizon for the delivery or termination of such traffic, including any Switched Exchange Access Service charges. If Verizon is billed by any Other Carrier for any traffic originated by Neutral Tandem, Verizon may provide notice to Neutral Tandem of such billing. Upon receipt of such notice, Neutral Tandem shall immediately stop using Verizon's Tandem Transit Traffic Service to send any traffic to such Other Carrier until it has provided to Verizon certification that the Other Carrier has removed such billed charges from its bill to Verizon and that the Other Carrier will not bill Verizon for any traffic originated by Neutral Tandem. Such certification must be signed by an authorized officer or agent of the Other Carrier and must be in a form acceptable to Verizon.
- 12.6 If Neutral Tandem uses Tandem Transit Traffic Service for traffic volumes that exceed the Centum Call Seconds (Hundred Call Seconds) busy hour equivalent of 200,000 combined minutes of use per month (a DS1 equivalent) to the subtending End Office of a particular Other Carrier for any month (the "Threshold Level"). Neutral Tandem shall use good faith efforts to establish direct interconnection with such Other Carrier and reduce such traffic volumes below the Threshold Level. If Verizon believes that Neutral Tandem has not exercised good faith efforts promptly to obtain such direct interconnection, either Party may use the Dispute Resolution processes of this Agreement.
- 12.7 If Neutral Tandem fails to comply with Section 12 of this Attachment, such failure shall be a material breach of a material provision of this Agreement and Verizon may exercise any and all remedies under this Agreement and Applicable Law for such breach.
- 12.8 If or when a third party carrier plans to sublend a Neutral Tandem switch, then Neutral Tandem shall provide written notice to Verizon at least ninety (90) days before such subtending service arrangement becomes effective so that Verizon may negotiate and establish direct interconnection with such third party carrier. Upon written request from Verizon, Neutral Tandem shall offer to Verizon a service arrangement equivalent to or the same as Tandem Transit Traffic Service provided by Verizon to Neutral Tandem as defined in this Section such that Verizon may terminate calls to a Central Office or its equivalent of a CLEC, ILEC other than Verizon, CMRS carrier, or other LEC, that subtends a Neutral Tandem Central Office or its equivalent ("Reciprocal Tandem Transit Service"). Neutral Tandem shall offer such Reciprocal Transit Service arrangements under terms and conditions of an amendment to this Agreement or a separate agreement no less favorable than those provided in this Section.
- 12.9 Neither Party shall take any actions to prevent the other Party from entering into a direct and reciprocal traffic exchange arrangement with any carrier to which it originates, or from which it terminates, traffic.

13. Number Resources, Rate Center Areas and Routing Points

- 13.1 Nothing in this Agreement shall be construed to limit or otherwise adversely affect in any manner either Party's right to employ or to request and be assigned any Central Office Codes ("NXX") pursuant to the Central Office Code Assignment Guidelines and any relevant FCC or Commission orders, as may be amended from time to time, or to establish, by Tariff or otherwise, Rate Center Areas and Routing Points corresponding to such NXX codes.
 - 13.2 It shall be the responsibility of each Party to program and update its own switches and network systems pursuant to information provided on ASRs as well as the LERG in order to recognize and route traffic to the other Party's assigned NXX codes. Except as expressly set forth in this Agreement, neither Party shall impose any fees or charges whatsoever on the other Party for such activities.
 - 13.3 Unless otherwise required by Commission order, the Rate Center Areas will be the same for each Party. During the term of this Agreement, Neutral Tandem shall adopt the Rate Center Area and Rate Center Points that the Commission has approved for Verizon within the LATA and Tandem serving area. Neutral Tandem shall assign whole NPA-NXX codes to each Rate Center Area unless otherwise ordered by the FCC, the Commission or another governmental entity of appropriate jurisdiction, or the LEC industry adopts alternative methods of utilizing NXXs.
 - 13.4 Neutral Tandem will also designate a Routing Point for each assigned NXX code. Neutral Tandem shall designate one location for each Rate Center Area in which the Neutral Tandem has established NXX code(s) as the Routing Point for the NPA-NXXs associated with that Rate Center Area, and such Routing Point shall be within the same LATA as the Rate Center Area but not necessarily within the Rate Center Area itself. Unless specified otherwise, calls to subsequent NXXs of Neutral Tandem will be routed in the same manner as calls to Neutral Tandem's initial NXXs.
 - 13.5 Notwithstanding anything to the contrary contained herein, nothing in this Agreement is intended, and nothing in this Agreement shall be construed, to in any way constrain Neutral Tandem's choices regarding the size of the local calling area(s) that Neutral Tandem may establish for its Customers, which local calling areas may be larger than, smaller than, or identical to Verizon's local calling areas.
- 14. Joint Network Implementation and Grooming Process; Forecasting**
- 14.1 **Joint Network Implementation and Grooming Process.**
Upon request of either Party, the Parties shall jointly develop an implementation and grooming process (the "Joint Grooming Process" or "Joint Process") which may define and detail, *inter alia*:
 - 14.1.1 standards to ensure that Interconnection Trunks experience a grade of service, availability and quality which is comparable to that achieved on interoffice trunks within Verizon's network and in accord with all appropriate relevant industry-accepted quality, reliability and availability standards. Except as otherwise stated in this Agreement, trunks provided by either Party for Interconnection services will be engineered using a design-blocking objective of B.01.
 - 14.1.2 the respective duties and responsibilities of the Parties with respect to the administration and maintenance of the trunk groups, including, but

not limited to, standards and procedures for notification and discoveries of trunk disconnects;

- 14.1.3 disaster recovery provision escalations;
- 14.1.4 additional technically feasible Point(s) of Interconnection on Verizon's network in a LATA as provided in Section 2 of this Attachment; and
- 14.1.5 such other matters as the Parties may agree, including, e.g., End Office to End Office high usage trunks as good engineering practices may dictate.

14.2 Trunk Forecasting Requirements.

- 14.2.1 **Initial Trunk Forecast Requirements.** At least ninety (90) days before initiating interconnection in a LATA, Neutral Tandem shall provide Verizon a two (2)-year traffic forecast that complies with the Verizon Interconnection Trunking Forecast Guide, as revised from time to time. This initial traffic forecast will provide the amount of traffic to be delivered to and from Verizon over each of the Interconnection Trunk groups in the LATA over the next eight (8) quarters.
- 14.2.2 **Ongoing Trunk Forecast Requirements.** Where the Parties have already established interconnection in a LATA, Neutral Tandem shall provide a new or revised traffic forecast that complies with the Verizon Interconnection Trunking Forecast Guide when Neutral Tandem develops plans or becomes aware of information that will materially affect the Parties' interconnection in that LATA. Instances that require a new or revised forecast include, but are not limited to: (a) Neutral Tandem plans to deploy a new switch; (b) Neutral Tandem plans to implement a new POI or network architecture; (c) Neutral Tandem plans to rearrange its network; (d) Neutral Tandem plans to convert a One-Way Interconnection Trunk group to a Two-Way Interconnection Trunk group; (e) Neutral Tandem plans to convert a Two-Way Interconnection Trunk group to a One-Way Interconnection Trunk group; or (f) Neutral Tandem expects a significant change in interconnection traffic volume. In addition, upon request by either Party, the Parties shall meet to: (i) review traffic and usage data on End Office and Tandem Interconnection Trunk groups and (ii) determine whether the Parties should establish new Interconnection Trunk groups; augment existing Interconnection Trunk groups, or disconnect existing Interconnection Trunks.
- 14.2.3 **Use of Trunk Forecasts.** Trunk forecasts provided pursuant to this Agreement must be prepared in good faith but are not otherwise binding on Neutral Tandem or Verizon.

15. Number Portability - Section 251(B)(2)

15.1 Scope.

The Parties shall provide Number Portability (NP) in accordance with rules and regulations as from time to time prescribed by the FCC.

15.2 Procedures for Providing LNP ("Local Number Portability").

The Parties will follow the LNP provisioning process recommended by the North

American Numbering Council (NANC) and the Industry Numbering Council (INC), and adopted by the FCC. In addition, the Parties agree to follow the LNP ordering procedures established at the OBF. The Parties shall provide LNP on a reciprocal basis.

- 15.2.1 A Customer of one Party ("Party A") elects to become a Customer of the other Party ("Party B"). The Customer elects to utilize the original telephone number(s) corresponding to the Telephone Exchange Service(s) it previously received from Party A, in conjunction with the Telephone Exchange Service(s) it will now receive from Party B. After Party B has received authorization from the Customer in accordance with Applicable Law and sends an LSR to Party A, Parties A and B will work together to port the Customer's telephone number(s) from Party A's network to Party B's network.
- 15.2.2 When a telephone number is ported out of Party A's network, Party A will remove any non-proprietary line based calling card(s) associated with the ported number(s) from its Line Information Database (LIDB). Reactivation of the line-based calling card in another LIDB, if desired, is the responsibility of Party B or Party B's Customer.
- 15.2.3 When a Customer of Party A ports their telephone numbers to Party B and the Customer has previously secured a reservation of line numbers from Party A for possible activation at a future point, these reserved but inactive numbers may be ported along with the active numbers to be ported provided the numbers have been reserved for the Customer. Party B may request that Party A port all reserved numbers assigned to the Customer or that Party A port only those numbers listed by Party B. As long as Party B maintains reserved but inactive numbers ported for the Customer, Party A shall not reassign those numbers. Party B shall not reassign the reserved numbers to another Customer.
- 15.2.4 When a Customer of Party A ports their telephone numbers to Party B, in the process of porting the Customer's telephone numbers, Party A shall implement the ten-digit trigger feature where it is available. When Party A receives the porting request, the unconditional trigger shall be applied to the Customer's line before the due date of the porting activity. When the ten-digit unconditional trigger is not available, Party A and Party B must coordinate the disconnect activity.
- 15.2.5 The Parties shall furnish each other with the Jurisdiction Information Parameter (JIP) in the Initial Address Message (IAM), according to industry standards.
- 15.2.6 Where LNP is commercially available, the NXXs in the office shall be defined as portable, except as noted in 15.2.7, and translations will be changed in the Parties' switches to open those NXXs for database queries in all applicable LNP capable offices within the LATA of the given switch(es). On a prospective basis, all newly deployed switches will be equipped with LNP capability and so noted in the LERG.
- 15.2.7 All NXXs assigned to LNP capable switches are to be designated as portable unless a NXX(s) has otherwise been designated as non-portable. Non-portable NXXs include NXX codes assigned to paging services; NXX codes assigned for internal testing and official use, and any other NXX codes required to be designated as non-portable by the

rules and regulations of the FCC. NXX codes assigned to mass calling on a choked network may not be ported using LNP technology but are portable using methods established by the NANC and adopted by the FCC. On a prospective basis, newly assigned codes in switches capable of porting shall become commercially available for porting with the effective date in the network.

- 15.2.8 Both Parties' use of LNP shall meet the performance criteria specified by the FCC. Both Parties will act as the default carrier for the other Party in the event that either Party is unable to perform the routing necessary for LNP.

15.3 Procedures for Providing NP Through Full NXX Code Migration.

Where a Party has activated an entire NXX for a single Customer, or activated at least eighty percent (80%) of an NXX for a single Customer, with the remaining numbers in that NXX either reserved for future use by that Customer or otherwise unused, if such Customer chooses to receive Telephone Exchange Service from the other Party, the first Party shall cooperate with the second Party to have the entire NXX reassigned in the LERG (and associated industry databases, routing tables, etc.) to an End Office operated by the second Party. Such transfer will be accomplished with appropriate coordination between the Parties and subject to appropriate industry lead times for movements of NXXs from one switch to another. Neither Party shall charge the other in connection with this coordinated transfer.

15.4 Procedures for LNP Request.

The Parties shall provide for the requesting of End Office LNP capability on a reciprocal basis through a written request. The Parties acknowledge that Verizon has deployed LNP throughout its network in compliance with FCC 96-286 and other applicable FCC Regulations.

- 15.4.1 If Party B desires to have LNP capability deployed in an End Office of Party A, which is not currently capable, Party B shall issue a LNP request to Party A. Party A will respond to the Party B, within ten (10) days of receipt of the request, with a date for which LNP will be available in the requested End Office. Party A shall proceed to provide for LNP in compliance with the procedures and timelines set forth in FCC 96-286, Paragraph 80, and FCC 97-74, Paragraphs 65 through 67.

- 15.4.2 The Parties acknowledge that each can determine the LNP-capable End Offices of the other through the Local Exchange Routing Guide (LERG). In addition, the Parties shall make information available upon request showing their respective LNP-capable End Offices, as set forth in this Section 15.4.

- 15.5 Neutral Tandem shall submit orders to port numbers electronically using an LSR via the Verizon web Graphical User Interface ("GUI") or Electronic Data Interface ("EDI") pursuant to the instructions, business rules and guidelines set forth on the Verizon Partner Solutions website (formerly referred to as the Verizon wholesale website).

16. Good Faith Performance

If and, to the extent that, Verizon, prior to the Effective Date of this Agreement, has not

provided in the Commonwealth of Pennsylvania a Service offered under this Attachment, Verizon reserves the right to negotiate in good faith with Neutral Tandem reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

RESALE ATTACHMENT

1. General

Verizon shall provide to Neutral Tandem, in accordance with this Agreement (including, but not limited to, Verizon's applicable Tariffs) and the requirements of Applicable Law, Verizon's Telecommunications Services for resale by Neutral Tandem; provided, that notwithstanding any other provision of this Agreement, Verizon shall be obligated to provide Telecommunications Services to Neutral Tandem only to the extent required by Applicable Law and may decline to provide a Telecommunications Service to Neutral Tandem to the extent that provision of such Telecommunications Service is not required by Applicable Law.

2. Use of Verizon Telecommunications Services

- 2.1 Verizon Telecommunications Services may be purchased by Neutral Tandem under this Resale Attachment only for the purpose of resale by Neutral Tandem as a Telecommunications Carrier. Verizon Telecommunications Services to be purchased by Neutral Tandem for other purposes (including, but not limited to, Neutral Tandem's own use) must be purchased by Neutral Tandem pursuant to other applicable Attachments to this Agreement (if any), or separate written agreements, including, but not limited to, applicable Verizon Tariffs.
- 2.2 Neutral Tandem shall not resell:
 - 2.2.1 Residential service to persons not eligible to subscribe to such service from Verizon (including, but not limited to, business or other nonresidential Customers);
 - 2.2.2 Lifeline, Link Up America, or other means-tested service offerings, to persons not eligible to subscribe to such service offerings from Verizon;
 - 2.2.3 Grandfathered or discontinued service offerings to persons not eligible to subscribe to such service offerings from Verizon; or
 - 2.2.4 Any other Verizon service in violation of a restriction stated in this Agreement (including, but not limited to, a Verizon Tariff) that is not prohibited by Applicable Law.
 - 2.2.5 In addition to any other actions taken by Neutral Tandem to comply with this Section 2.2, Neutral Tandem shall take those actions required by Applicable Law to determine the eligibility of Neutral Tandem Customers to purchase a service, including, but not limited to, obtaining any proof or certification of eligibility to purchase Lifeline, Link Up America, or other means-tested services, required by Applicable Law. Neutral Tandem shall Indemnify Verizon from any Claims resulting from Neutral Tandem's failure to take such actions required by Applicable Law.
 - 2.2.6 Verizon may perform audits to confirm Neutral Tandem's conformity to the provisions of this Section 2.2. Such audits may be performed twice per calendar year and shall be performed in accordance with Section 7 of the General Terms and Conditions.

- 2.3 Neutral Tandem shall be subject to the same limitations that Verizon's Customers are subject to with respect to any Telecommunications Service that Verizon grandfathered or discontinues offering. Without limiting the foregoing, except to the extent that Verizon follows a different practice for Verizon Customers in regard to a grandfathered Telecommunications Service, such grandfathered Telecommunications Service: (a) shall be available only to a Customer that already has such Telecommunications Service; (b) may not be moved to a new service location; and (c) will be furnished only to the extent that facilities continue to be available to provide such Telecommunications Service.
 - 2.4 Neutral Tandem shall not be eligible to participate in any Verizon plan or program under which Verizon Customers may obtain products or services, which are not Verizon Telecommunications Services, in return for trying, agreeing to purchase, purchasing, or using Verizon Telecommunications Services.
 - 2.5 In accordance with 47 CFR § 51.617(b), Verizon shall be entitled to all charges for Verizon Exchange Access services used by interexchange carriers to provide service to Neutral Tandem Customers.
3. **Availability of Verizon Telecommunications Services**
 - 3.1 Verizon will provide a Verizon Telecommunications Service to Neutral Tandem for resale pursuant to this Attachment where and to the same extent, but only where and to the same extent that such Verizon Telecommunications Service is provided to Verizon's Customers.
 - 3.2 Except as otherwise required by Applicable Law, subject to Section 3.1 of this Attachment, Verizon shall have the right to add, modify, grandfather, discontinue or withdraw Verizon Telecommunications Services at any time, without the consent of Neutral Tandem.
 - 3.3 To the extent required by Applicable Law, the Verizon Telecommunications Services to be provided to Neutral Tandem for resale pursuant to this Attachment will include a Verizon Telecommunications Service customer-specific contract service arrangement ("CSA") (such as a customer specific pricing arrangement or individual case based pricing arrangement) that Verizon is providing to a Verizon Customer at the time the CSA is requested by Neutral Tandem.
 4. **Responsibility for Charges**
 - 4.1 Neutral Tandem shall be responsible for and pay to Verizon all charges for any Telecommunications Services provided by Verizon or provided by persons other than Verizon and billed for by Verizon, that are ordered, activated or used by Neutral Tandem, Neutral Tandem Customers or any other persons, through, by means of, or in association with, Telecommunications Services provided by Verizon to Neutral Tandem pursuant to this Resale Attachment.
 - 4.2 Upon request by Neutral Tandem, Verizon will provide for use on resold Verizon retail Telecommunications Service dial tone lines purchased by Neutral Tandem such Verizon retail Telecommunications Service call blocking and call screening services as Verizon provides to its own end user retail Customers, where and to the extent Verizon provides such Verizon retail Telecommunications Service call blocking services to Verizon's own end user retail Customers. Neutral Tandem understands and agrees that certain of Verizon's call blocking and call screening services are not guaranteed to block or screen all calls and that notwithstanding Neutral Tandem's purchase of such blocking or screening services, Neutral

Tandem's end user Customers or other persons ordering, activating or using Telecommunications Services on the resold dial tone lines may complete or accept calls which Neutral Tandem intended to block. Notwithstanding the foregoing, Neutral Tandem shall be responsible for and shall pay Verizon all charges for Telecommunications Services provided by Verizon or provided by persons other than Verizon and billed for by Verizon in accordance with the terms of Section 4.1 above.

5. Operations Matters

5.1 Facilities.

- 5.1.1 Verizon and its suppliers shall retain all of their right, title and interest in all facilities, equipment, software, information, and wiring used to provide Verizon Telecommunications Services.
- 5.1.2 Verizon shall have access at all reasonable times to Neutral Tandem Customer locations for the purpose of installing, inspecting, maintaining, repairing, and removing, facilities, equipment, software, and wiring used to provide the Verizon Telecommunications Services. Neutral Tandem shall, at Neutral Tandem's expense, obtain any rights and authorizations necessary for such access.
- 5.1.3 Except as otherwise agreed to in writing by Verizon, Verizon shall not be responsible for the installation, inspection, repair, maintenance, or removal of facilities, equipment, software, or wiring provided by Neutral Tandem or Neutral Tandem Customers for use with Verizon Telecommunications Services.

5.2 Branding.

- 5.2.1 Except as stated in Section 5.2.2 of this Attachment, in providing Verizon Telecommunications Services to Neutral Tandem, Verizon shall have the right (but not the obligation) to identify the Verizon Telecommunications Services with Verizon's trade names, trademarks and service marks ("Verizon Marks"), to the same extent that these Services are identified with Verizon's Marks when they are provided to Verizon's Customers. Any such identification of Verizon's Telecommunications Services shall not constitute the grant of a license or other right to Neutral Tandem to use Verizon's Marks.
- 5.2.2 To the extent required by Applicable Law, upon request by Neutral Tandem and at prices, terms and conditions to be negotiated by Neutral Tandem and Verizon, Verizon shall provide Verizon Telecommunications Services for resale that are identified by Neutral Tandem's trade name, or that are not identified by trade name, trademark or service mark.
- 5.2.3 If Verizon uses a third-party contractor to provide Verizon operator services or Verizon directory assistance, Neutral Tandem will be responsible for entering into a direct contractual arrangement with the third-party contractor at Neutral Tandem's expense (a) to obtain identification of Verizon operator services or Verizon directory assistance purchased by Neutral Tandem for resale with Neutral Tandem's trade name, or (b) to obtain removal of Verizon Marks from Verizon operator services or Verizon directory assistance purchased by Neutral Tandem for resale.

6. Rates and Charges

The rates and charges for Verizon Telecommunication Services purchased by Neutral Tandem for resale pursuant to this Attachment shall be as provided in this Attachment and the Pricing Attachment.

7. Good Faith Performance

If and, to the extent that, Verizon, prior to the Effective Date of this Agreement, has not provided in the Commonwealth of Pennsylvania a Service offered under this Attachment, Verizon reserves the right to negotiate in good faith with Neutral Tandem reasonable terms and conditions (including, without limitation, rates and implementation timeframes) for such Service; and, if the Parties cannot agree to such terms and conditions (including, without limitation, rates and implementation timeframes), either Party may utilize the Agreement's dispute resolution procedures.

NETWORK ELEMENTS ATTACHMENT

1. General

- 1.1 Verizon shall provide to Neutral Tandem, in accordance with this Agreement (including, but not limited to, Verizon's applicable Tariffs) and the requirements of the Federal Unbundling Rules, access to Verizon's Network Elements on an unbundled basis and in combinations (Combinations), and UNEs commingled with wholesale services ("Commingling"); provided, however, that notwithstanding any other provision of this Agreement, Verizon shall be obligated to provide access to unbundled Network Elements (UNE), Combinations, and Commingling to Neutral Tandem under the terms of this Agreement only to the extent required by the Federal Unbundling Rules and may decline to provide access to UNEs, Combinations, or Commingling to Neutral Tandem to the extent that provision of such UNEs, Combinations, or Commingling is not required by the Federal Unbundling Rules.
- 1.2 Verizon shall be obligated to combine UNEs that are not already combined in Verizon's network only to the extent required by the Federal Unbundling Rules. Except as otherwise required by this Agreement and the Federal Unbundling Rules: (a) Verizon shall be obligated to provide a UNE or Combination pursuant to this Agreement only to the extent such UNE or Combination, and the equipment and facilities necessary to provide such UNE or Combination, are already available in Verizon's network; and (b) Verizon shall have no obligation to construct, modify, or deploy facilities or equipment to offer any UNE or Combination.
- 1.3 Neutral Tandem may use a UNE or Combination only for those purposes for which Verizon is required by the Federal Unbundling Rules to provide such UNE or Combination to Neutral Tandem. Without limiting the foregoing, Neutral Tandem may not access a UNE or Combination for the exclusive provision of Mobile Wireless Services or Interexchange Services. For purposes of this section, "Interexchange Services" shall have the meaning set forth in the Triennial Review Remand Order and subsequent applicable FCC orders.
 - 1.3.1 Verizon shall not be obligated to provide to Neutral Tandem, and Neutral Tandem shall not request from Verizon, access to a proprietary advanced intelligent network service.
- 1.4 Nothing contained in this Agreement shall be deemed to constitute an agreement by Verizon that any item identified in this Agreement as a Network Element is (i) a Network Element under the Federal Unbundling Rules, or (ii) a Network Element Verizon is required by the Federal Unbundling Rules to provide to Neutral Tandem on an unbundled basis or in combination with other Network Elements.
- 1.5 If as the result of Neutral Tandem Customer actions (e.g., Customer Not Ready ("CNR")), Verizon cannot complete requested work activity when a technician has been dispatched to the Neutral Tandem Customer premises, Neutral Tandem will be assessed a non-recurring charge associated with this visit. This charge will be the sum of the applicable Service Order charge as provided in the Pricing Attachment and the Customer Not Ready Charge provided for in the Pricing Attachment (or, in the absence of a Customer Not Ready Charge, the Premises Visit Charge as provided in Verizon's applicable retail or wholesale Tariff or in the Pricing Attachment).

1.6 **Absence or Cessation of Unbundling Obligation and Related Provisions.** The following provisions shall apply notwithstanding any other provision of this Agreement or any Verizon Tariff or SGAT:

1.6.1 Discontinued Facilities.

1.6.1.1 Verizon may cease offering or providing Neutral Tandem with access on an unbundled basis at rates prescribed under Section 251 of the Act to any facility that is or becomes a Discontinued Facility, whether as a stand-alone UNE, as part of a Combination, or otherwise. To the extent Verizon has not already ceased offering or providing unbundled access to a particular Discontinued Facility that is a Discontinued Facility as of the Effective Date, Verizon may cease offering or providing unbundled access to such Discontinued Facility immediately upon the Effective Date without further notice to Neutral Tandem. Subject to Section 1.7 below, if a facility on or at any time after the Effective Date is or becomes a Discontinued Facility, Verizon, to the extent it has not already ceased providing unbundled access to such Discontinued Facility, and provided it has given at least ninety (90) days written notice of discontinuance in cases where it has not already ceased providing such access, will continue to provide unbundled access to such Discontinued Facility under the Agreement only through the effective date of the notice of discontinuance, and not beyond that date.

1.6.1.2 Where Verizon is permitted to cease providing a Discontinued Facility pursuant to Section 1.6.1 above and Neutral Tandem has not submitted an LSR or ASR, as appropriate, to Verizon requesting disconnection of the Discontinued Facility and has not separately secured from Verizon an alternative arrangement to replace the Discontinued Facility, then Verizon, to the extent it has not already done so, may disconnect the subject Discontinued Facility without further notice to Neutral Tandem. In lieu of disconnecting the subject Discontinued Facility in the foregoing circumstances, Verizon, in its sole discretion, may elect to: (a) convert the subject Discontinued Facility to an arrangement available under a Verizon access tariff (in which case month-to-month rates shall apply unless a different rate applies under an applicable special access term/volume plan or other special access tariff arrangement in which Neutral Tandem is then enrolled), a resale arrangement, or other analogous arrangement that Verizon shall identify or has identified in writing to Neutral Tandem, or (b) in lieu of such a conversion, reprice the subject Discontinued Facility by application of a new rate (or, in Verizon's sole discretion, by application of a surcharge to an existing rate) to be equivalent to an arrangement available under a Verizon access tariff (at month-to-month rates unless a different rate applies under an applicable special access term/volume plan or other special access tariff arrangement in which Neutral Tandem is then enrolled), a resale arrangement, or other analogous arrangement that

Verizon shall identify or has identified in writing to Neutral Tandem; provided, however, that Verizon may disconnect the subject Discontinued Facility (or the replacement service to which the Discontinued Facility has been converted) if Neutral Tandem fails to pay when due any applicable new rate or surcharge billed by Verizon.

1.7 TRRO Certification and Related Provisions.

1.7.1 **TRRO Certification.** Before requesting unbundled access to a DS1 Loop, a DS3 Loop, DS1 Dedicated Transport, DS3 Dedicated Transport, or Dark Fiber Transport, including, but not limited to, any of the foregoing elements that constitute part of a Combination or that Neutral Tandem seeks to convert from another wholesale service to an unbundled network element (collectively, "TRRO Certification Elements"), Neutral Tandem must undertake a reasonably diligent inquiry and, based on that inquiry, certify that, to the best of its knowledge, Neutral Tandem's request is consistent with the requirements of the TRRO and that Neutral Tandem is entitled to unbundled access to the subject element pursuant to section 251(c)(3) of the Act. Neutral Tandem shall provide such certification using the automated method that Verizon makes available for that purpose. Neutral Tandem's reasonably diligent inquiry must include, at a minimum, consideration of any list of non-impaired UNE Wire Centers that Verizon makes or has made available to Neutral Tandem by notice and/or by publication on Verizon's wholesale website (the "Wire Center List") and any back-up data that Verizon provides or has provided to Neutral Tandem under a non-disclosure agreement or that is otherwise available to Neutral Tandem.

1.7.2 Provision-then-Dispute Requirements.

1.7.2.1 Upon receiving a request from Neutral Tandem for unbundled access to a TRRO Certification Element and the certification required by Section 1.7.1 above, and except as provided in Section 1.7.2.3 below, Verizon shall process the request in accordance with any applicable standard intervals. If Verizon wishes to challenge Neutral Tandem's right to obtain unbundled access to the subject element pursuant to 47 U.S.C. § 251(c)(3), then (except as provided in Section 1.7.2.3 below) Verizon must provision the subject element as a UNE and then seek resolution of the dispute by the Commission or the FCC, or through such other dispute resolution process that Verizon elects to invoke under the dispute resolution provisions of this Agreement.

1.7.2.2 If a dispute pursuant to section 1.7.2.1 above is resolved in Verizon's favor, then Neutral Tandem shall compensate Verizon for the additional charges that would apply if Neutral Tandem had ordered the subject facility or service on a month-to-month term under Verizon's interstate special access tariff (except as provided in section 1.7.2.2.1 below as to Dark Fiber Transport) and any other applicable charges, applicable back to the date of provisioning (including, but not limited to, late payment charges for the unpaid difference between UNE and access tariff rates). The month-to-month rates shall apply until such time as