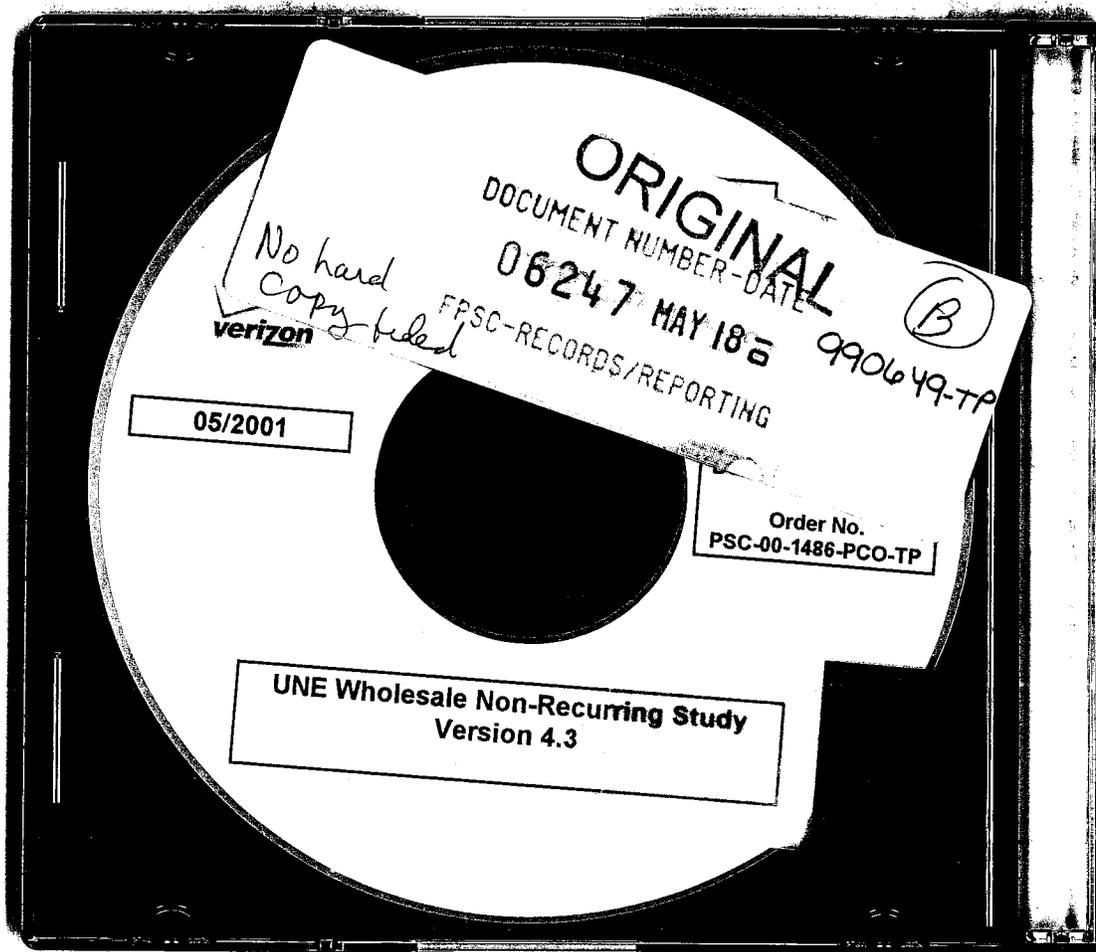


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UNE Wholesale Non-Recurring Study
Version 4.3

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Unbundled Network Element (UNE) Non-Recurring Study

Introduction

The Unbundled Network Element (UNE) Non-recurring (NRC) Study is filed in compliance with the Florida Public Service Commission's Order Number PSC-00-1486-PCO-TP for Docket Number 990649-TP. The UNE NRC Study accounts for the activities required to pre-order, order, provision and install products and services for Competitive Local Exchange Carriers (CLECs).

The cost team consisting of Verizon's cost managers and Subject Matter Experts (SMEs) worked in conjunction with Arthur Andersen LLP professionals to develop the NRC Study template, to identify the process flows for ordering, provisioning and installation, and to gather cost data. This cost study is a Verizon work product.

UNE NRC Study Relationship to Other Cost Studies

The UNE NRC Study is one of Verizon's Wholesale Costs Study modules. There are four other modules: Resale NRC, Recurring Costs of Resale, Recurring Costs of UNEs, and the Expanded Interconnection Services (EIS) (collocation recurring and non-recurring) Costs. Though these costs are interrelated, they are not duplicative. Verizon has diligently reviewed all inputs to each of these modules to ensure that there are no incidents of double-counting costs.

Verizon also has recurring and non-recurring study modules for its Retail and Access products and services. To determine costs for certain UNEs where no ordering, provisioning, or installation data were available, the cost team used analogous retail or access services as proxies for the UNEs.

UNE Non-recurring Study Structure

The UNE Non-recurring Study is divided into three main sections, the summary, the section summary, and the appendix section. A description of these sections is as follows:

Summary

- ♦ Tab 1 - Summary - Includes a narrative detailing the overall design and methodology of the study, the rate development exhibits, which consolidate the section summary totals from the Tab 2 through 5 exhibits, and the study acronym glossary.

Verizon - Florida Unbundled Network Element (UNE) Non-Recurring Study

Section Summary

- ◆ Tab 2 - Ordering - Contains a narrative detailing the ordering processes and study methodology as well as the ordering cost summary exhibit.
- ◆ Tab 3 - Provisioning - Includes a narrative detailing the provisioning processes and study methodology as well as the provisioning cost summary exhibit.
- ◆ Tab 4 - Field Work - Consists of a narrative detailing the installation processes (central office and field work) study methodology as well as the central office and field work summary exhibit.
- ◆ Tab 5 - OSS - Contains the narrative describing the Operating Support Systems (OSS) study methodology for the OSS project (Transition) costs, and OSS ongoing processing (Transaction-specific) cost.
- ◆ Tab 6 - Custom Routing - Consists of a statement on the treatment of custom routing of operator and directory assistance services.

Appendix

- ◆ Tab A1 - Ordering - Details the individual work sample studies, time study results, and minute per order development for the ordering function by various order types. The NMC shared fixed costs and the annual charge factors are developed in this section.
- ◆ Tab A2 - Provisioning - Details the costs incurred to complete provisioning activities, including weighted minutes per occurrence and a probability of occurrence, for each of the UNE products by order type.
- ◆ Tab A3 - Field Work - Details the costs incurred to complete the central office and field work activities required for the various types of UNEs.
- ◆ Tab A4 - OSS - Comprises a list of OSS project names, a description of each project, the detail of costs for each OSS project, and the ongoing costs for each OSS system for the study year.
- ◆ Tab A5 - LLRs - Contains tables of the Loaded Labor Rates used in the Ordering, Provisioning, and Field Work sections of the NRC study.

Verizon - Florida Unbundled Network Element (UNE) Non-Recurring Study

Study Navigation

The following techniques are designed to facilitate user navigation through Verizon's Wholesale Non-recurring Study:

- ♦ *Hyperlinks* - Hyperlinks, similar to those used in Web browsers, are an integral part of each table of contents in the study. Users can click on a specific hyperlink to quickly jump to the corresponding section of the study. Moreover, by activating the Microsoft Excel "Web" toolbar, users can access functions such as the "back" and "forward" arrows in order to navigate within the study. (To show the "Web" toolbar, select the "View Toolbars" menu option in Excel.)
- ♦ *Page Numbers* - Study pages are numbered in such a manner as to make it easy for users to identify their location within the study. For example, the footer at the bottom left-hand corner of page 15 of Summary Section 2 reads as follows: Section 2 - Page 15. Similarly, page 40 of Appendix Section 4 is shown as Section A4 - Page 40, with the "A" signifying the appendix section.

In addition, there are unique page identifiers for the different exhibits that collectively make up the study. The exhibit names are displayed in the lower right-hand corner of the page, unlike the aforementioned section summaries and appendices page numbers, which are located in the lower left-hand corner. The study exhibits have unique two- or three-character names, with multiple pages of the same exhibit having hyphenated numbers as part of the name (e.g. AAOC-1, AAOC-2, etc.)

Finally, by looking at the first letter of the exhibit name, users can quickly ascertain whether they are viewing the Summary of Rates, the Appendix, or the Section Summaries. All exhibits in the Rates section have four-character names beginning with the letter "R". All exhibits in the Appendix begin with the letter "A" and have four characters in the exhibit name. Exhibits in the Section Summaries do not begin with letters "R" or "A", and may have either three or four characters in the exhibit name.

- ♦ *Source and Destination Columns* - With the exception of the rate summary, the spreadsheets in the study have both a source and a destination column. The source indicates where or how a specific figure was derived, while the destination shows which exhibit(s) a given value is feeding. With respect to the source column, if all of the values in a column are derived from the same source, that source would be indicated in the column header (EX: C=AJSS-2). If the source for a value is the result of the calculation of two or more values from

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

different columns, the column header will show the calculation (EX: $D=C/A$). Likewise, the source may refer to a note (EX: F=Note 3), with the Note containing explanatory text. When the source column refers to the Source (EX: A=Source) --users should refer to notes or exhibits shown in the Source column.

When dealing with sources and destinations in the study, the rule of thumb is that *a value will typically reflect a single source - but that same value may have multiple destinations*. For example, the probability of occurrence for a specific activity might have been obtained from Headquarters Staff Support and shown to be 100%. In this case, the Headquarters Staff Support would be referenced by a note in the source column, and would represent the single source for this value. However, the 100% could be relevant to several different activities and feed multiple destinations.

The destination column shows the exhibit(s) that are dependent upon the result(s) of the current study page. Because a value sometimes feeds more destinations than there is room to show in the destination column, an exhibit range might be used instead. For example, if the value is used by six pages out of a twenty page exhibit, then the destination column might reference an exhibit with a range such as AOIS-1..AOIS-20. Finally, all values with a corresponding destination appear in **bolded** text.

Study Methodology

The Ordering and Service Connections were developed from work sampling studies, time-and-motion studies, and estimates from Subject Matter Experts (SMEs). The most current Loaded Labor Rates for each of the workgroups was used.

The NRC rates reflect the cost of the set of activities required to pre-order, order, provision, and install a service in response to a specific Local Service Request (LSR) or Access Service Request (ASR) placed by a CLEC customer. The charge is non-recurring in that the constituent costs are encountered only once, at the time a service is activated, modified, or discontinued in response to a CLEC request.

The NRCs vary in response to the type of order and the type of product or service that is requested. In addition, the costs assume enhancements to Verizon's systems and databases resulting in increased mechanization. The standard non-recurring cost calculation is *Cost = Activity Time x Task Probability x Labor Rate*.

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Service Classifications

NRC rate elements are classified into three major service classifications: Local Wholesale, Network Wholesale, and Miscellaneous Charges. Definitions of these service classifications are as follows:

- ♦ *Local Wholesale* - The sale of unbundled network elements such as loops, ports, common switching and common transport (separately or combined) to either a competitive local exchange carrier (CLEC) or a data local exchange carrier (DLEC). The product or product groups included in Local Wholesale services are Loops, Ports, UNE-Ps, Subloops, Line Sharing, Loop Conditioning, and Interim Number Portability (INP).
- ♦ *Network Wholesale* - The sale of unbundled network elements that apply to access services, such as common and dedicated switching and common and dedicated transport (either separately or combined) to either a CLEC or DLEC. The product or product groups included in Network Wholesale services are Dark Fiber, Dedicated Transport, Signaling System Seven (SS7), and Enhanced Extended Links (EELs).
- ♦ *Miscellaneous Charges* - Other services that the CLEC may need when processing an LSR. Miscellaneous Charges include charges for Coordinated Conversions, Expedites, Customer Record Search, and CLEC Account Establishment.

Standard Rate Structure

Within each UNE category, there are typically five standard rate elements that vary in cost depending on the type of order placed by the CLEC. Note that each order type is not applicable to every service, and some services are segregated using their own unique nomenclature. The standard order types (rate elements) are Initial, Subsequent, Changeover As Is, and Changeover As Specified. Disconnect order costs are normally included in the Initial order rate unless otherwise directed by state PUCs.

- ♦ *Initial* - New orders that establish service for the first time (new installations and initial conversions) or add additional lines at an existing CLEC customer's location.
- ♦ *Subsequent* - Represents a CLEC request to change to an existing service:

Verizon – Florida

Unbundled Network Element (UNE) Non-Recurring Study

- ♦ *Subsequent Port Feature* - Represents a request to change a feature(s) on an existing Port service, e.g. ISDN-BRI change.
 - ♦ *Subsequent Line Feature* - Represents a request to change a feature(s) on an existing line, e.g. UNE-Platform (UNE-P) change.
 - ♦ *Subsequent Switch Feature Group* - Represents a request to change a switch feature group, e.g., CentraNet change.
 - ♦ *Subsequent CO Connection* - Represents a request to change a connection within a central office (CO), e.g., jumper change.
 - ♦ *Subsequent Facility Connection* - Represents a request to change a connection to a facility in the outside plant network, e.g., subloop jumper change.
-
- ♦ *Changeover* - A Changeover order type is applicable when the CLEC requests conversion of existing services, e.g. Retail to UNE-P and Resale to UNE-P. When the service is migrated from Retail or Resale to UNE-P, Verizon must change the switch translations to measured service.
 - ♦ *Changeover As Is* - Represents a CLEC's request to change an existing end user service from Verizon to CLEC provided, while maintaining the same service/features.
 - ♦ *Changeover As Specified* - Represents a CLEC's request to change an existing end user service from Verizon to CLEC provided, while adding or deleting existing features.

Rate Elements for Ordering and Service Connection

Each rate element has a separate NRC for Ordering and Service Connection.

- ♦ *Ordering Rates* - Ordering charges vary depending upon the method the CLEC uses to transmit the LSR/ASR to Verizon. Ordering charges represent the process by which an LSR/ASR is received and a service order is created. The two types of ordering charges are Manual and Semi-Mechanized. Ordering charges are applied on a per customer per location basis and are limited to the same type of network element. For instance, if five loops and five ports are ordered by the CLEC to be provided to a single end user customer at one physical location, two separate LSRs are required and two initial ordering charges will apply since loops and ports are separate elements.
- ♦ *Service Connection Rates* - The rate elements for Service Connection include costs for provisioning, central office and field work activities associated with an LSR or ASR.
 - ♦ *Central Office Activity* - Activities to install, change, and disconnect UNEs/UNE-Ps in the central office (host offices as well as remote offices).

Verizon – Florida

Unbundled Network Element (UNE) Non-Recurring Study

Central office activities include running/breaking jumpers on the Main Distribution Frame (MDF), Intermediate Distribution Frames (IDFs), and Tie-Cable Frames.

- ♦ *Field Work* - Any activity with respect to outside plant (the facilities between the central office and the customer's premises). Field installation work includes any cross-connect activity at the Feeder/Distribution Interface (FDI), cross connect box, pedestal or pole, and Network Interface Device (NID).

In addition, the NRCs for Local Wholesale Service Connection apply on an initial unit/additional unit basis. Units vary depending on the service (i.e. loops, ports, etc.). NRCs for Network Wholesale Service Connection are applied on a per-order basis. In those circumstances, the Additional Unit column does not apply.

- ♦ *Initial* - encompasses the costs for Provisioning, Central Office and Field Installation for the initial line included on a LSR.
- ♦ *Additional* - encompasses the incremental costs for Provisioning, Central Office and Field Installation for each additional line included on the LSR for the same service at the same customer location.

Rate Categories for Ordering and Service Connection

Verizon's UNEs fall into four categories: Exchange - Basic, Exchange - Complex, Advanced/Special - Basic, and Advanced/Special -Complex. Each of these groupings has a distinct provisioning process and associated non-recurring costs. For each category, Verizon has costed the activities required to pre-order, order, provision, and install the UNEs

There are two fundamental distinctions between the UNE categories. The first distinction is whether or not a service requires design/engineering. The Exchange services provisioning activities can include facility assignment, switch translations (if required), routing instructions and service arrangements, but do not require design or engineering. For Exchange Basic services provisioning work is only required when for switch updates and to handle system fall-out requiring manual assignment. Exchange Complex services require manual provisioning.

However, the Special/Advanced services are designed/engineered products or services with variables specific to the order placed by the CLEC. Advanced products provisioning activities include facility assignment, switch translations, design/engineering, and Plant Control Office (PCO) activities such as scheduling

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

circuit testing, and order completions. The Special/Advanced services also require Circuit /Design Layout Reports (CLR/DLR).

The second distinction is between Basic and Complex services. Basic services can be provisioned using standard network components maintained in inventory, without specialized instructions for switch translations, routing, and service arrangements. The Complex services require special instructions for the provisioning of the service to meet the customer's needs. Verizon uses a Data Gathering Form (DGF) to record and organize these instructions for translations and service arrangements.

Inclusion of NMC and OSS costs in NRC Rates

In addition to the development of NRC rates described above, the rates also reflect the inclusion of applicable NMC costs. The NMC (National Market Centers) costs are applied to all classes of NRC rate elements with the exception of Dark Fiber, Loop Conditioning, Dedicated Transport, SS7, EELs and Hot-cut Coordinated Conversions. The NMC costs are not applied to the Loop Conditioning nor Hot Cut Coordinated Conversion rate elements.

OSS costs are not included in rate element development at this time. Florida OSS costs will be addressed in a separate proceeding.

The NMC costs, when applied to the elements, are applied to the ordering component of the element and will be applied to both the 100% Manual, as well as the Semi-mechanized ordering. The Provisioning portion of the elements will not have these costs applied to it.

The rate elements with the NMC costs applied reflect an additional \$4.47 per rate element added. The NMC cost of \$4.47 per rate element is derived by dividing the NMC Shared/Fixed Cost total of \$18,648,430 by a projected annual average (2001-2005) order volume of 4,169,761.

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Weighting Factors

Weighting factors are utilized in the NRC study to either combine cost elements or allocate cost elements for rate development purposes.

- ♦ Cost Combining - A percentage of each cost element is added to another percentage of a cost element to develop a rate, e.g., Bridged Tap Removal.
- ♦ Cost Allocation - A percentage of certain cost elements is added to another cost element, e.g., NMC costs.

Cost Development

UNE NRCs were developed using the following methods of data collection:

- ♦ Work sampling and SME estimates for the National Market Center (NMC) ordering activities;
- ♦ Time and motion studies for the National Accounts Customer Center (NACC) and National Order/Referral Entry Center (NOREC);
- ♦ Time and motion studies, SME inputs and database reports for the provisioning activities;
- ♦ Time and motion studies for Central Office Installation activities, and/or;
- ♦ Database reports and time and motion studies for Field Work activities.

The SMEs and cost team collected activity times and determined task probabilities. Using the most current Loaded Labor Rates, the cost team then calculated the costs for each type of UNE order using the standard non-recurring cost calculation - *Cost = Activity Time x Probability x Labor Rate.*

Ordering Modes

The SMEs and cost team identified planned and approved changes in Operations Support Systems (OSS) that would impact the process in each of Verizon's workgroups. OSS enhancements increase mechanization/flow through thus reducing the level of manual activity associated with certain types of orders.

- ♦ *Manual Order*
- ♦ *LSR* - CLEC faxes a UNE LSR to Verizon. The Verizon service representative reviews the fax to ensure all information is complete and

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

accurate. If there is an error, or missing information, the representative contacts the CLEC for the correction. The service representative then inputs all LSR information into the Secured Integrated Gateway System (SIGS) and provides Firm Order Confirmation (FOC) to the CLEC. The LSR then follows the same process as a semi-mechanized order.

- ♦ *ASR* - CLEC faxes a UNE ASR to Verizon, the service representative reviews the hardcopy ASR to ensure all information is complete and accurate. If there are errors, or missing information, the representative contacts the CLEC for the correction. The service representative then inputs information into the Exchange Access Control & Tracking System (EXACT). The ASR then follows the same process as a semi-mechanized order.

- ♦ *Semi-mechanized*
 - ♦ *LSR* - CLEC transmits the UNE LSR electronically. Verizon's Front-end edits will identify errors and return error information electronically to the CLEC. Once through the front-end edits, the order is distributed to a Verizon service representative who inputs the order into the National Order Collection Vehicle (NOCV.)

 - ♦ *ASR* - CLEC transmits the UNE ASR electronically. When the ASR arrives, certain screens have already been populated by the CLEC; the service representative then populates the remainder of the screens. The EXACT portion of the EXACT/TUF (Exchange Access Control And Tracking/Translator to USOCS and FIDS) system captures all the features and elements of the service requested by the CLEC including table-driven critical dates. The order is automatically edited by EXACT and the service representative corrects the errors as requested.

Cost Element Structure

There are five UNE order types typically utilized to develop non-recurring costs. Following are descriptions of each order type:

- ♦ *New* - a New order for Local Wholesale Service establishes a product or service for the first time or adds additional lines or telephone numbers at an existing CLEC customer's location.

- ♦ *Change* - a Change order applies when the CLEC requests changes in central office switch features for an existing local wholesale service; this can be either a "Change Feature" or a "Change Switch Feature Group" type order. A Change order also applies when the CLEC requests a change in Central Office

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Connection - the cross-connect between the CLEC's cage terminal block and Verizon's terminal block(s) on the Main Distribution Frame (MDF) or changes in the field related to a subloop element.

- ◆ Disconnect - a Disconnect order for Local Wholesale Service applies when the CLEC requests that all or a portion of a local wholesale product or service be removed.
- ◆ Record - a Record order applies when the CLEC changes existing service records without changing the product or service itself. An example of a Record order is a change of the billing address.
- ◆ Migration - a Migration order type is applicable when the CLEC requests conversion of existing services: Retail to UNE-P and Resale to UNE-P. When the service is migrated from Retail or Resale to the UNE-P, Verizon must change the switch translations to measured service.
 - ◆ Migration As Is: An existing end user customer changes service from Verizon to a CLEC, or from a CLEC to another CLEC, and the end user keeps the same service. This type order requires only the ordering function and FAC provisioning; it does not require central office, or field work activities. "Migration As Is" is applicable to Exchange Basic and Exchange Complex products.
 - ◆ Migration As Is + or -: The end-user requests to add or delete a vertical feature from existing service. The must electronically update the central office switch with the requested feature change.
 - ◆ Migration As Specified: The end-user converts an existing Verizon retail services (at a single location) or another CLEC's services to UNEs provided by a CLEC. The CLEC specifies the services and service arrangements to be migrated.

Verizon - Florida Unbundled Network Element (UNE) Non-Recurring Study

UNE Category Table

The table below shows each category and its associated UNEs:

| <i>Exchange-Basic</i> | <i>Exchange-Complex</i> | <i>Special/Advanced-Basic</i> | <i>Special/Advanced-Complex</i> |
|--|---|--|--|
| <ul style="list-style-type: none"> ◆ 2-Wire Voice Grade Loop ◆ Basic Analog Line Side Port ◆ Interim Number Portability (INP) ◆ Subloop Feeder 2-Wire 4-Wire ◆ Subloop Distribution 2-Wire 4-Wire ◆ Subloop Unbundled Customer Serving Terminal (Drop) ◆ Network Interface Device (NID) | <ul style="list-style-type: none"> ◆ 2-Wire Digital Capable Loop ◆ Loop Conditioning ◆ CentraNet Port ◆ ISDN BRI Digital Line Side Port ◆ Line-sharing | <ul style="list-style-type: none"> ◆ 2-Wire Digital Loop ◆ 4-Wire Voice Grade Loop ◆ 4-Wire Digital Loop ◆ Entrance Facilities (DS0) | <ul style="list-style-type: none"> ◆ DS1 Loop ◆ DS3 Loop ◆ Dedicated Switched Access Line ◆ ISDN PRI Digital Trunk Side Port ◆ DS1 Digital Trunk Side Port ◆ Dedicated Switched Access Transport ◆ Dedicated Non-switched Transport ◆ SS7 Links ◆ STP Ports ◆ Dark Fiber Preordering Interoffice Facilities Unbundled Loop Subloop Feeder Subloop Distribution ◆ Enhanced Extended Links (EELs) ◆ Entrance Facilities (DS1, DS3) |

Verizon – Florida Unbundled Network Element (UNE) Non-Recurring Study

Local Wholesale Product/Service Descriptions

Unbundled Loops

Unbundled loops extend from a Verizon central office to the demarcation point at an end user's premises.

Exchange Basic

- ♦ *2-wire Voice Grade Loop* is a voice frequency transmission facility suitable for the transport of analog voice signals between approximately 300 Hz to 3000 Hz, with line loss levels not to exceed 8.5 dB. A 2-wire Analog Loop may include load coils and bridged taps, as well as carrier derived facility components such as pair gain applications and loop concentrators and/or loop multiplexers.
- ♦ Note: Verizon does not guarantee data modem speeds on either 2-wire or 4-wire Analog Loops.

Exchange Complex Non-Digital

- ♦ Costs are identical to Exchange Basic.

Exchange Complex Digital

- ♦ Costs are identical to Exchange Basic.

Advanced/Special Basic

- ♦ *4-wire Voice Grade Loop* is a voice frequency transmission facility suitable for the transport of analog voice signals between approximately 300 Hz to 3000 Hz, with line loss levels not to exceed 8.5 dB. The service will operate with one of the following signaling types that may be specified when the service is ordered: Loop-start, ground-start, loop-reverse-battery, duplex, and no signaling.
- ♦ *2-wire Digital Loop* is a 2-wire transmission facility capable of transmitting digital signals up to 160 Kbps with no greater line loss than 38 dB end-to-end measured at 40 kHz without loop repeaters. Depending on loop make-up and length, midspan repeaters may be required; in which case line loss levels will be no greater than 76 dB at 40 kHz. In addition, a 2-wire Unbundled Digital Loop, dependent upon loop make-up, may be configured to support Enhanced Copper Technologies (ECTs) such as ADSL. When configured in this manner, these loops must be provisioned

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

over copper facilities that contain no load coils and minimum allowable bridged taps.

- ♦ *4-wire Digital Loop* is a 4-wire copper facility suitable for the transport of digital signaling. This loop type will contain no load coils and minimum allowable bridged taps. A 4-wire Digital Loop may be used by a CLEC to provision services such as ISDN PRI or HDSL. The 4-wire digital UNE is not available where Verizon has provisioned its local network utilizing Digital Line Concentrators (DLCs), Verizon does not supply the electronics associated with these service types.

Advanced/Special Complex Digital

- ♦ *DS1 Loop* is a transmission facility that provides connectivity from the serving central office termination point to the network interface device located at the end user's premises. A DS1 Loop will support a digital transmission of 1.544 Mbps and contains no load coils and minimum allowable bridged taps. A DS1 Unbundled Loop includes the necessary electronics to provide DS1 transmission rate. DS1 Unbundled Loop will be provided only when the electronics necessary to provide DS1 functionality are currently available for the specific loop requested.
- ♦ *DS3 Loop* is a transmission facility that provides connectivity from the serving central office DS3 termination point (typically a DS3 patch panel) to the network interface device located at the end user's premises. A DS3 will provide for 45 Mbps digital transmission channels. A DS3 Unbundled Loop offers a CLEC the ability to provision the equivalent of 28 DS1s or 672 DS0s (basic 64 Kbps digital channels). A DS3 Unbundled Loop includes the necessary electronics to provide the DS3 transmission rate. DS3 Unbundled Loops will be provided only when the electronics necessary to provide the DS3 functionality are currently available for the specific loop being requested.

Unbundled Ports

A port provides for the Connection of individual loops to the switching components of Verizon's network. In general, a port is a line card and associated peripheral equipment in a Verizon end office switch which serves as the hardware termination for the end-user's Exchange Service on that switch, generates dial tone, and provides the end-user access to the public switched telecommunications network. Each line-side port is typically associated with one telephone number, which serves as the end- user's network address.

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Exchange Basic

- ♦ *Basic Analog Line Side Port* is a line side switch connection employed to provide basic residential and business type Exchange Service.

Exchange Complex Non-digital

- ♦ *CentraNet Line Side Port* is a line side switch connection employed to provide CentraNet type services.

Exchange Complex Digital

- ♦ *ISDN BRI Digital Line Side Port* is a Basic Rate Interface (BRI) line side switch connection employed to provide ISDN BRI Exchange service.

A Port provides access to local switching which provides the basic switching functions to originate, route and terminate traffic, and any signaling required to complete a call.

Vertical features are optional services provided through software programming in the switch, which can be added on a per-feature basis with applicable costs.

Advanced/Special Complex

- ♦ *ISDN PRI Digital Trunk Side Port* is a Primary Rate Interface (PRI) trunk side switch connection employed to provide ISDN PRI services.
- ♦ *DS1 Digital Trunk Side Port* is a trunk side switch connection employed to provide the equivalent of 24 analog ports (DID/DOD).

Interim Number Portability (INP)

INP is available to CLECs in specific Central Offices to allow former Verizon customers to maintain their existing telephone number. INP is applicable when the customer is served exclusively on the CLEC's facilities or where the CLEC serves the customer with its own switch but uses an Unbundled Loop obtained from Verizon .

Verizon - Florida Unbundled Network Element (UNE) Non-Recurring Study

Subloop Unbundling

Exchange Basic

All Unbundled Subloops are classified as Exchange Basic.

Unbundled Subloop Feeder is a transmission path that extends from the MDF located in a Verizon central office to the FDI, or its functional equivalent, at a Verizon cross-connect box. Unbundled Subloop feeder can be configured as:

- ♦ *2 -Wire Feeder* is a 2-wire transmission path that may include load coils, bridged taps. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).
- ♦ *4-Wire Feeder* is a 4-wire transmission path that may include load coils, bridged taps. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).

Unbundled Subloop Distribution is a transmission path that extends from the Feeder Distribution Interface (FDI), or its functional equivalent, at a Verizon cross-connect box, to an end user customer premises. The NID at the end user premises is included with this subloop element. Unbundled Subloop distribution can be configured as:

- ♦ *2 -Wire Distribution* is a 2-wire transmission path that may include load coils, bridged tap. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).
- ♦ *4-Wire Distribution* is a 4-wire transmission path that may include load coils, bridged taps. This transmission path may include carrier derived facility components (i.e. pair gain applications, loop concentrators and/or loop multiplexers).
- ♦ *Unbundled Customer Serving Terminal (drop)* extends from a terminal, such as a pole or pedestal, to the end user premises and includes the NID.

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Line Sharing

Exchange Complex

Line Sharing is the capability for two different service providers to each offer services over the same physical line, with each provider employing different frequencies in order to transport the voice or data components for their respective service. Line sharing consists of an xDSL-based service provisioned by a CLEC or DLEC and the voice band service provisioned by Verizon. Line Sharing is an Exchange-Complex UNE. Line Sharing costs are not included in rate element development at this time. Florida Line Sharing costs will be addressed in a separate proceeding.

Loop Conditioning

Exchange Complex

Loop Conditioning is the process of removing Load Coil(s) and/or Bridged Tap(s) from an existing or vacant analog service or pair in order to allow both analog and digital transmission signals, over the same facility. Typically, Loop Conditioning is provided in association with Line Sharing.

Verizon developed costs to remove one or multiple Bridged Tap(s) and/or Load Coil(s). Costs are reflected on per cable pair basis as "One Occurrence" or "Multiple Occurrences" for Bridged Tap removal and combinations of Bridged Tap and Load Coil removal. Separate costs have been developed for Load Coil removal only, without any Bridged Tap removal.

UNE-P

Unbundled Network Element Platforms are combinations of Unbundled Ports, Unbundled Shared Transport, and Unbundled Loops. These platforms provide CLECs with residential and business local exchange service capability.

Exchange Basic

- ◆ *UNE Basic Analog Voice Grade Platform* consists of the following components:

- 2-Wire Analog Loop
- Basic Analog Line Side Port
- Shared Transport

Exchange Complex Non-digital

Verizon – Florida Unbundled Network Element (UNE) Non-Recurring Study

- *UNE CentraNet Platform* consists of the following components:
 - 2-Wire Analog Loop
 - CentraNet Port
 - Shared Transport

Exchange Complex Digital

- *UNE ISDN BRI Platform* consists of the following components:
 - 2-Wire Analog Loop (Digital capable with no load coils and bridged taps)
 - ISDN BRI Digital Line Side Port
 - Shared Transport

Advanced/Special Complex

- *ISDN PRI Platform* consists of the following components:
 - DS1 Loop
 - ISDN PRI Digital Trunk Side Port
 - Shared Transport
- *DS1 Platform* consists of the following components:
 - DS1 Loop
 - DS1 Digital Trunk Side Port
 - Shared Transport

Coordinated Conversion

A Coordinated Conversion may be requested by the CLEC for Exchange – Basic and Complex UNEs to establish a specific appointment for the completion of the service order. Verizon contacts the CLEC for authorization to proceed prior to beginning work on the order, and after work is complete. This service includes only the additional costs caused by the Coordinated Conversion and is in addition to the cost of the underlying LSR. The cost is on a *per order basis*.

The NRC study develops costs for three steps required for a coordinated conversion:

Process 1 - identifies the costs for the NMC service representative's time to contact the provisioning group to establish the time of the conversion and to set the appointment.

Process 2 - identifies the incremental costs of Assignment Provisioning Center (APC) personnel and Central Office Technician(s) to coordinate and cut the ordered UNEs in conjunction with any outside plant work at the scheduled appointment time. The "*standard interval*" for this process is 15

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

minutes. There is an *"additional interval"* cost that applies for each 15 minutes beyond the standard interval.

Process 3 - identifies the costs of the field technician to coordinate and cut the ordered UNEs in conjunction with the central office and FAC personnel at the scheduled appointment time. The *"standard interval"* for this process is 15 minutes. There is an *"additional interval"* cost that applies to each 15 minute interval beyond the standard interval.

Hot Cut Coordinated Conversion

This service is the same as the Coordinated Conversion mentioned above with the added feature that the CLEC, the Verizon coordinator and the Verizon technicians remain on a conference call for the duration of the service order completion process. Each step of the process is completed sequentially following authorization from the CLEC. Because there is no way for Verizon to estimate or control the amount of time required for a Hot Cut Coordinated Conversion, the cost developed is for a one-hour conversion. The additional interval cost will be incurred for each 15 minute interval beyond the standard interval.

Expedite

An Expedite refers to a request by a CLEC to advance the completion of the service order earlier than the next standard Due Date that is normally available. Instead of relying on the automated system for work schedule, an Expedite requires a manual appointment setting process in which NMC personnel must contact the Division Resource Management group to determine if the earlier completion interval is feasible. In addition to the costs shown in this study, overtime charges may apply if the work is performed outside of normal installation work time periods.

Other Services

In addition to the UNE costs, Verizon provides costs for other services the CLEC may require. These services are:

Pre-ordering

Pre-ordering is an element of the ordering cost. A CLEC may pre-order service by fax or by sending the order electronically. Either the CLEC or NMC establish a *"shell"* order via SIGS. The CLEC may reserve a telephone number, verify an address as one in Verizon's territory, determine available services in central offices, etc.. The CLEC may also reserve a due date. If a valid LSR is

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

not received from the CLEC within 24 hours the telephone number is released and the due date is canceled. Pre-ordering costs are applied on a per order basis to the manual (received via facsimile) pre-ordering activities; semi-mechanized (received electronically) pre-orders are not charged.

Record Order

Record orders change information, such as billing address, on a customer's service record. The NMC enters the information into NOCV as a change order. The customer account is updated and the order is completed. (No provisioning is required or permitted on a record order.)

Customer Service Record Search

A CLEC may request Verizon to provide a manual Customer Service Record (CSR) to obtain information about a potential customer's existing Verizon services. The NMC processes the request and returns the information to the CLEC. (If the CLEC performs a CSR search electronically via the Web-based Interactive Service Environment (WISE), there is no non-recurring cost.)

CLEC Account Establishment

Verizon establishes the CLEC account in each state requested by the CLEC. The NMC receives the CLEC profile from the CLEC's account manager, reviews it for completeness, and then enters the CLEC profile information and creates summary bill masters in NOCV. Once the CLEC account has been established for a state, the CLEC may submit an LSR for processing

Network Wholesale Product/Service Descriptions

Dark Fiber

Dark Fiber is unused fiber optic cable connecting two points within Verizon's network. It is considered "dark" because it does not have electronics (i.e., terminating multiplexing equipment, electronic-to-optic conversion equipment, etc.) on either end of the fiber segment. The CLEC provides electronics equipment and signals on the fiber to make it "lit."

Advanced/Special Complex

- ♦ *Dark Fiber Pre-ordering:* Verizon developed costs for pre-ordering activity for Dark Fiber. These activities are the assessment and evaluation of Dark Fiber availability on a specific network segment. Verizon's Network

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

Design group determines Dark Fiber availability for interoffice facilities, while the Access Design group determines availability for the local loop.

- ♦ *Dark Fiber - Interoffice Dedicated Transport (IDT):* An unused fiber strand that exists at the fiber splice box, or functional equivalent, located within the central office. Unbundled Dark Fiber - IDT is ordered by CLECs via the ASR process. The service order intervals mirror those for the Dedicated Non-switched Transport UNE, and billing is processed by the Carrier Access Billing System (CABS).
- ♦ *Dark Fiber - Unbundled Loop:* An unused fiber strand that exists between the fiber splice box, or functional equivalent, located within the central office, and the fiber splice box or patch panel located within a customer's premises. Unbundled Dark Fiber - Local Loop will be ordered by CLECs via the ASR process. The service order intervals mirror those for existing UNE Unbundled Loop products and billing is processed through CABS.
- ♦ *Dark Fiber - Subloop Feeder:* An unused fiber strand that exists between the fiber splice box, or functional equivalent, located within the central office, and the fiber splice box or patch panel at the Verizon Remote Hut/DLC/CEV or accessible terminal. Unbundled Dark Fiber - Subloop Feeder will be ordered by CLECs via the ASR process. The service order intervals mirror those for existing UNE subloop products, and billing is processed through CABS.
- ♦ *Dark Fiber - Subloop Distribution:* An unused fiber strand that exists between the fiber splice box or patch panel located at the Verizon Remote Hut/DLC, and the fiber splice box or patch panel located at the customer's premises. Unbundled Dark Fiber - Subloop Distribution will be ordered by CLECs via the ASR process. The service order intervals mirror those for existing UNE subloop products, and billing is processed through CABS.

Entrance Facilities

Entrance facilities provide a dedicated facility between a CLEC and Verizon's end office. Entrance Facilities may be HiCap (DS1 or DS3) or lower capacity facilities (DS0).

Interoffice Dedicated Transport (IDT)

Unbundled IDT is the transport facility associated with point-to-point dedicated circuits (special circuits) between Verizon serving wire centers

Verizon – Florida

Unbundled Network Element (UNE) Non-Recurring Study

(SWC). UNE IDT includes facilities to transport the circuit between the two Verizon SWCs and the equipment required to terminate the inter-office facility (IOF) within each of these Verizon SWCs.

CLEC Dedicated Transport (CDT)

CDT is the dedicated transport facility connecting the Verizon SWC to the CLEC's central office location. UNE CDT includes the equipment required to terminate the transport within the CLEC's central office location and within the Verizon SWC. UNE CDT also includes the transport facility between the two locations, but extends no further into Verizon's network than the SWC. The termination of the service at the Verizon SWC is at a DSX (DS3, DS1) or term block (DS0).

Signaling System 7 (SS7)

Verizon's SS7 network uses signaling links to transmit routing messages between switches, and between switches and call-related databases. The signaling network includes a link that transmits signaling information in packets from the local switch to a signaling transfer point (STP). The link terminates on an STP port. The STP processes information contained in the packets and will:

- ◆ Route the call to the terminating end office and establish a call path on the voice network between the switches.
- ◆ Query a call-related database that returns customer information or call routing instructions to the switch.

Verizon has unbundled its signaling network. The following cost elements are included in this study:

- ◆ *SS7 Links:* A Links from end offices to STPs; B Links between STPs; and D Links between STPs.
- ◆ *STP Port Termination:* Signal Transfer Point (STP) is a signaling point that transfers signaling messages from one link to another.

The signaling link provides a dedicated transmission path to connect the CLEC location to Verizon's STP. The links are provided in:

- ◆ 56 Kbps digital by Dedicated Switched Access Lines (DSALs)

Verizon - Florida

Unbundled Network Element (UNE) Non-Recurring Study

- ◆ DS1 formats by Dedicated Switched Access Transport (DSAT).

The 56 Kbps format provides connection to one port at the STP; the DS1 format provides an equivalence of 24 56 Kbps facilities for connection of up to 24 ports at the STP.

Enhanced Extended Link (EEL)

EEL is a combination of dedicated transport, multiplexing (when required), and unbundled loops. EELs do not require a collocation arrangement at each end office. The interoffice dedicated transport (IDT) and multiplexer, either DS3 or DS1 may be combined with loops, either DS3, DS1, 2 or 4-wire loops. EEL combinations may also be comprised of DS3 IDT with a DS3 loop, DS1 IDT with a DS1 loop, or voice grade transport with a voice grade loop.

Call-related Databases

Call-related databases are used in the signaling network for billing and collection, or for the transmission, routing, or other provision of telecommunications service. Access to Verizon's call-related databases, such as Line Information Database (LIDB) and Toll-free Calling Database, is provided through the physical Connection at the STP.

Advanced Intelligent Network (AIN) Platform and Architecture

Unbundled AIN is a product offering that allows the CLEC to take advantage of Verizon's AIN infrastructure in order to provide AIN services to end users. Due to the complexity and number of options for AIN platform, the CLEC must submit a bona fide request (BFR) for unbundled AIN elements; there are no NRCs for AIN platform included in this study.

OSS UNE

Verizon provides costs for interfaces with, and use of, its OSS. Verizon has identified two types of costs associated with OSS - Transition Costs and Transaction-specific Costs. Transition costs are the costs to upgrade existing OSS and the start-up costs to establish mechanized interfaces. These infrastructure changes were required to make Verizon's OSS accessible to the CLECs. The transition costs include the one-time expenses to upgrade the five categories of OSS: pre-order, order, provisioning, repair/maintenance, and billing.

Transaction-specific costs are the costs incurred each time a CLEC places an order; these are the on-going OSS costs to process an LSR or ASR. These costs pertain to the non-recurring systems for pre-order, ordering, and provisioning.

Verizon - Florida
Unbundled Network Element (UNE) Non-Recurring Study

The development of OSS UNE costs is described in Tab 5-OSS. OSS costs are not included in rate element development at this time. Florida OSS costs will be addressed in a separate proceeding.

Custom Routing of Operator and Directory Assistance Service

Custom Routing provides the capability for routing of calls originating from CLEC lines to dedicated operator assisted or directory assisted trunk groups and the operator platform designated by the CLEC. A bona fide request (BFR) submitted after completion of an Inter-Connection Agreement is required for ordering of Custom Routing Service. NRCs for Custom Routing are for systems modifications, additional switch memory and labor costs for switch programming.

Verizon – Florida
Unbundled Network Element (UNE) Non-Recurring Study

| <i>ACRONYM</i> | <i>DEFINITION</i> |
|--------------------------------|--|
| AAIS | Assignment, Activation and Inventory Services System. |
| ACG | Access Carrier Gateway |
| ACO | Area Central Office |
| ADSL | Asymmetrical Digital Subscriber Line |
| AIN | Advanced Intelligent Network |
| ALEC | Alternative Local Exchange Carrier |
| AO | Account Owner |
| APC | Assignment Provisioning Center |
| API | Application Program Interface |
| ASR | Access Service Request |
| ATCUP | Automated Tool for CLEC User Profile - This is the administrative portion of WISE. |
| ATP | Authorization to Proceed |
| AWAS | Automated Work Administration System |
| B & C | Billing and Collection |
| BEX | Business Express |
| BFR | Bona Fide Request |
| BH Table (now 148 table) | CLEC line screening table - Identifies telephone numbers of customers who have changed local service providers. |
| Billstar | Storage system for copies of the end-user customer bill. |
| BRI | Basic Rate Interface |
| BRPC | Business Response Provisioning Center |
| BVT | Billing, Voucher, Treatment (System) - Verizon system used to generate adjustments to the customer's (end user, CLEC, or access) bill. |
| BZT | Business Zone Technicians |
| CABS | Carrier Access Billing System |
| CAMS- CABS | Carrier Access Management System - Carrier Access Billing System |
| CBSS | Customer Billing Services System - Verizon system used to bill retail, resale and unbundled services. |
| CBSS CIA | CBSS Customer Information Application - Service order project team who performs code changes for CBSS Service Order. |
| CBSS MIS | CBSS Management Information System - Verizon group responsible for master depository of billing information. |
| CBSS WYSIWYG | Customer Billing Services System What You See Is What You Get - Team responsible for bill images/format. |

Verizon - Florida
Unbundled Network Element (UNE) Non-Recurring Study

| <i>ACRONYM</i> | <i>DEFINITION</i> |
|----------------|--|
| CDT | CLEC Dedicated Transport |
| CEV | Controlled Environmental Volt |
| CKT ID | Circuit Identifier |
| CLASS | Custom Local Area Signaling Service |
| CLEC | Competitive Local Exchange Carrier |
| CLR/DLR | Circuit/Design Layout Reports |
| CMDS | Centralized Message Distribution System - System used to interexchange outcollect messages. |
| CNAS | Circuit Network Administration System - A data processing application which mechanizes assignment and administrative functions associated with the various components comprising message trunk and special service circuits. |
| CO | Central Office |
| COSS | CLEC Operational Support Systems |
| COT | Central Office Technician |
| CSI | Customer Service Inquiry |
| CSR | Customer Service Record - Records that contain a customer's (end user or CLEC) existing arrangements. |
| CZT | Customer Zone Technicians |
| D&E | Development of new systems and enhancements to existing systems. |
| DBAC | Data base Administration Center |
| DBM | Databased Management |
| DD | Due Date |
| DGF | Data Gathering Form |
| DID/DOD | Direct Inward Dialing/Direct Outward Dialing |
| DLC | Digital Line Concentrators |
| DLC | Digital Loop Carrier |
| DLEC | Data Local Exchange Carrier |
| DRM | Division Resource Management |
| DSAL | Dedicated Switched Access Lines |
| DSAT | Dedicated Switched Access Transport |
| ECT | Enhanced Copper Technologies |
| EDI | Electronic Data Interchange - A series of standards which provide computer-to-computer exchange of business documents between different companies' computers over telephone lines. |
| EDT | Express Dial Tone |
| EEL | Enhanced Extended Links |
| EIS | Expanded Interconnection Services |
| EMR | Exchange Message Record - Standard used for interchange of telecommunications message information. |

Verizon - Florida
Unbundled Network Element (UNE) Non-Recurring Study

| <i>ACRONYM</i> | <i>DEFINITION</i> |
|----------------|--|
| EXACT/ TUF | Exchange Access Control and Tracking/Translation to USOCS and Fids |
| FAC | Facility Assignment Center |
| FDI | Feeder/Distribution Interface |
| FIFO | First In First Out |
| FOC | Firm Order Confirmation |
| GOLD | Gathering On Line Data. |
| ICM | Integrated Cost Model - Verizon's costing model utilized for UNEs. |
| IDF | Intermediate Distribution Frames |
| IDT | Interoffice Dedicated Transport |
| INP | Interim Number Portability - A service made available to CLECs to enable former Verizon end-users who become CLEC customers to continue to receive telephone calls to the same telephone number. |
| IOF | Inter-office Facility |
| IOSC | Item of Service Code |
| IR | Incident Report |
| ISDN | Intergrated Service Digital Network |
| ITDP | Information Technology and Data Processing |
| LC&I PMO | Local Competition and Interconnection Program Office |
| LEA | Local Service Request Edit Application |
| LIA | Local Service Request Input Application |
| LIDB | Line Information Database |
| LIJ | Left-in-Jumper |
| LLR | Loaded Labor Rate |
| LSC | Local Service Confirmation |
| LSOG | Local Services Ordering Guide - Industry standard definitions and guidelines for CLEC ordering of local exchange services. |
| LSR | Local Service Request - Document used by the CLEC to identify the products, services, and/or service arrangements that it wishes to purchase from Verizon. |
| MARK | Mechanized Assignment & Record Keeping system |
| MDF | Main Distribution Frame |
| MLPQ | Mechanized Loop Pre-Qualification |
| MRC | Monthly Recurring Charge |
| MUTS | Mechanized Uncollectibles Tracking System - System used to track uncollectible revenues. |
| NACC | National Accounts Customer Center |
| NACC | National Access Customer Center |
| NASSC | National Access Subscription Services Center |

Verizon - Florida
Unbundled Network Element (UNE) Non-Recurring Study

| <i>ACRONYM</i> | <i>DEFINITION</i> |
|----------------|--|
| NCBD | National Customer Bill Development - Responsible for bill formatting, pricing, and bill redesign. |
| NID | Network Interface Device |
| NMC | National Market Center - The ordering center established by Verizon to serve as the CLEC's single point of contact for pre-ordering and ordering activity for UNEs and resold services. |
| NOCV | National Order Collection Vehicle - This system is Verizon's automated order entry interface into CBSS billing process. |
| NOREC | National Order/Referral Entry Center |
| NRC | Non-Recurring Charges |
| OCS | Other Carrier Systems |
| OCSS | Other Carrier Settlement System - Verizon system that is used to feed data flow to determine what reimbursement a carrier is due. |
| OMT | Open Market Transition - Verizon's program name for local competition. |
| OSP | Outside Plant Engineering |
| OSS | Operating Support Systems - a generic term used to describe those automated and mechanized systems used to support day-to-day Telephone operations. |
| PCO | Plant control Office |
| PIC | Primary Interexchange Carrier - A numeric code which is assigned by Verizon to the telephone numbers of all the subscribers to that carrier to ensure the calls are routed over the correct network. |
| PON | Purchase Order Number |
| POP | Point Of Presence |
| POTS | Plain Old Telephone Service |
| Powerbase | Master database of customers fed by CBSS. |
| PRI | Primary Rate Interface |
| PSP | Product Service Provider |
| PTD | Plant Test Date |
| QMR | Query Management Report |
| RAO | Revenue Accounting Office |
| RCMAC | Recent Change Mechanized Assignment Center |
| RDM | Reporting and Distribution Module |
| RMG | Resource Management Group |
| RPMS | Retail PIC Management System |
| SAR | Service Activation Report |

Verizon - Florida
Unbundled Network Element (UNE) Non-Recurring Study

| <i>ACRONYM</i> | <i>DEFINITION</i> |
|----------------|---|
| SIGS | Secured Integration Gateway System - A web browser electronic gateway that provides CLECs gated access to Verizon's pre-ordering, ordering & provisioning, repair & maintenance, billing & usage, and local account management and subscription services functions. |
| SIR | Systems Information Repository database |
| SME | Subject Matter Experts |
| SODA/ DDM | Service Order Distribution and Analysis/Due Date Management systems |
| SOE | Scheduler/Screeners |
| SOP | Service Order Processor |
| SORCES | Service Office Record and Computer Entry System - This is Verizon's (excluding Verizon California) automated order entry interface into CBSS billing process which was recently replaced by NOCV. |
| SPAG | Special Products Assignment Group |
| SS | Subscription Services |
| STAR | Standard Time and Activity Reporting |
| STP | Signaling Transfer Point |
| SWC | Serving Wire Centers |
| TAS | Trouble Administration System |
| TBS | Telecom Business Systems |
| TDO | Temporary Disconnect Order |
| TELRIC | Total Element Long-Run Incremental Costs |
| TN | Telephone Number |
| TSLRIC | Total Service Long-Run Incremental Costs |
| UDF | Unbundled Dark Fiber |
| UMS | Usage Measurement System - This is Verizon's usage collection, aggregation and administration system for all switch recorded usage. |
| UNE | Unbundled Network Elements |
| UNE-P | Unbundled Network Element Platforms |
| VerizonLD | Verizon Long Distance |
| VerizonNS | Verizon Network Services |
| WCC | Work Control Center |
| WDA | Work Distributor Application |
| WISE | Wholesale Internet Service Engine. Web-based Interactive Service Environment - Internet access for performing pre-ordering and ordering functions for CLECs who choose not to utilize Verizon's SIGs interface. |
| WMP | WISE Measurements of Performance |
| XD Table | CLEC identification table - Provides CLEC ID and CLEC name. |



Wholesale Non-recurring Study

Florida

Table of Contents

| | Tab | Page |
|--|-----|------|
| Study Overview ----- | 1 | 1-1 |
| Study Acronym Glossary ----- | 1 | 1-25 |
| Summary of Rate Elements | | |
| Local Wholesale Elements ----- | 1 | 1-30 |
| Network Wholesale Elements ----- | 1 | 1-32 |
| Miscellaneous Wholesale Elements ----- | 1 | 1-34 |
| Ordering | | |
| Narrative ----- | 2 | 2-1 |
| Summary of Costs ----- | 2 | 2-8 |
| Provisioning | | |
| Narrative ----- | 3 | 3-1 |
| Summary of Costs ----- | 3 | 3-8 |
| Field Work | | |
| Narrative ----- | 4 | 4-1 |
| Summary of Costs ----- | 4 | 4-10 |
| Operation Support System (OSS) | | |
| Narrative ----- | 5 | 5-1 |
| Summary of Costs ----- | 5 | 5-8 |
| Custom Routing (OS/DA) ----- | 6 | 6-1 |
| Appendix | | |
| Ordering ----- | A1 | A1-1 |
| Provisioning (UNE Advanced) ----- | A2 | A2-1 |
| Provisioning (EEL) ----- | A2 | A2-1 |
| Provisioning (Exchange) ----- | A2 | A2-1 |
| Field Work ----- | A3 | A3-1 |
| Operations Support Systems (OSS) ----- | A4 | A4-1 |
| Loaded Labor Rates ----- | A5 | A5-1 |
| Custom Routing (OS/DA) ----- | A6 | A6-1 |



Wholesale Non-Recurring Study

Florida

Table of Exhibits - Summary by Page

| | Exhibit Name | Page |
|---|-----------------|------|
| Summary Narrative ----- | | 1 |
| Local Wholesale Elements - Rate Summary ----- | RLWE | 30 |
| Network Wholesale Elements - Rate Summary ----- | RNWE | 32 |
| Miscellaneous Wholesale Elements - Rate Summary ----- | RMWE | 34 |
| Rate Development - Dark Fiber - Service Inquiry ----- | RDFE | 35 |
| Rate Development - Order Weighting Factors ----- | ROWF | 36 |
| Rate Development - Unbundled Loop ----- | RUBL | 37 |
| Rate Development - Unbundled Port ----- | RUBP | 42 |
| Rate Development - UNE-Platforms (UNE-Ps) ----- | RUNP | 46 |
| Rate Development - Subloop ----- | RUSL | 50 |
| Rate Development - Line Sharing ----- | RLSH | 52 |
| Rate Development - Loop Conditioning ----- | RLCC | 53 |
| Rate Development - Interim Number Portability (INP) ----- | RINP | 54 |
| Rate Development - Unbundled Network Interface Device (NID) ----- | RNID | 55 |
| Rate Development - Unbundled House and Riser ----- | RUHR | 56 |
| Rate Development - Inter-office Dedicated Transport ----- | RIDT | 57 |
| Rate Development - CLEC Dedicated Transport ----- | RCDT | 58 |
| Rate Development - Signaling System 7 (SS7) ----- | RSS7 | 59 |
| Rate Development - Enhanced Extended Loops (EELs) ----- | REEL | 61 |
| Rate Development - Dark Fiber ----- | RUDF | 64 |
| Rate Development - Coordinated Conversions ----- | RCOC | 65 |
| Rate Development - Hot Cut Coordinated Conversions ----- | RHCC | 66 |
| Rate Development - Expedites and Other Charges ----- | REXP | 67 |
| Rate Development - Ordering Factors ----- | RORF | 68 |
| Rate Development - Fixed Costs ----- | RFIX | 69 |



Wholesale Non-Recurring Study

Florida

Table of Exhibits - Summary by Exhibit Name

| | Exhibit Name | Page |
|---|-----------------|------|
| Summary Narrative ----- | | 1 |
| Rate Development - CLEC Dedicated Transport ----- | RCDT | 58 |
| Rate Development - Coordinated Conversions ----- | RCOC | 65 |
| Rate Development - Dark Fiber - Service Inquiry ----- | RDFF | 35 |
| Rate Development - Enhanced Extended Loops (EELs) ----- | REEL | 61 |
| Rate Development - Expedites and Other Charges ----- | REXP | 67 |
| Rate Development - Fixed Costs ----- | RFIX | 69 |
| Rate Development - Hot Cut Coordinated Conversions ----- | RHCC | 66 |
| Rate Development - Inter-office Dedicated Transport ----- | RIDT | 57 |
| Rate Development - Interim Number Portability (INP) ----- | RINP | 54 |
| Rate Development - Loop Conditioning ----- | RLCC | 53 |
| Rate Development - Line Sharing ----- | RLSH | 52 |
| Local Wholesale Elements - Rate Summary ----- | RLWE | 30 |
| Miscellaneous Wholesale Elements - Rate Summary ----- | RMWE | 34 |
| Rate Development - Unbundled Network Interface Device (NID) ----- | RNID | 55 |
| Network Wholesale Elements - Rate Summary ----- | RNWE | 32 |
| Rate Development - Ordering Factors ----- | RORF | 68 |
| Rate Development - Order Weighting Factors ----- | ROWF | 36 |
| Rate Development - Signaling System 7 (SS7) ----- | RSS7 | 59 |
| Rate Development - Unbundled Loop ----- | RUBL | 37 |
| Rate Development - Unbundled Port ----- | RUBP | 42 |
| Rate Development - Dark Fiber ----- | RUDF | 64 |
| Rate Development - Unbundled House and Riser ----- | RUHR | 56 |
| Rate Development - UNE-Platforms (UNE-Ps) ----- | RUNP | 46 |
| Rate Development - Subloop ----- | RUSL | 50 |

Verizon - Florida
Wholesale Non-recurring Study
Local Wholesale Elements
Rate Summary

| Description | Ordering | | Service Connection | |
|--|----------------|----------------|--------------------|---------------|
| | 100% Manual | Semi- Mech. | Initial Unit | Add'l Unit |
| Unbundled Loop | | | | |
| Exchange - Basic - Initial | \$46.19 | \$29.38 | \$63.28 | \$62.53 |
| Exchange - Basic - Subsequent | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Exchange - Complex Non-digital - Initial | \$46.19 | \$29.38 | \$53.59 | \$52.84 |
| Exchange - Complex Non-digital - Subsequent | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Exchange - Complex Digital - Initial | \$46.19 | \$29.38 | \$61.26 | \$60.50 |
| Exchange - Complex Digital - Subsequent | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Advanced - Basic - Initial | \$46.19 | \$29.38 | \$391.80 | \$322.36 |
| Advanced - Basic - Subsequent | \$19.33 | \$12.11 | \$81.30 | \$46.58 |
| Advanced - Complex Digital - Initial | \$52.89 | \$29.38 | \$509.84 | \$440.40 |
| Advanced - Complex Digital - Subsequent | \$19.33 | \$12.11 | \$93.93 | \$59.21 |
| Unbundled Port | | | | |
| Exchange - Basic - Initial | \$42.56 | \$25.75 | \$38.23 | \$37.47 |
| Exchange - Basic - Subsequent (Port Feature) | \$23.44 | \$16.22 | \$1.97 | \$1.97 |
| Exchange - Basic - Subsequent (CO Connection) | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Exchange - Complex Non-digital - Initial | \$57.59 | \$34.08 | \$75.56 | \$27.74 |
| Exchange - Complex Non-digital -Subsequent (Port Feature) | \$31.77 | \$24.55 | \$7.15 | \$7.15 |
| Exchange - Complex Non-digital - Subsequent (Switch Feature Group) | \$38.47 | \$24.55 | \$31.34 | \$8.24 |
| Exchange - Complex Non-digital - Subsequent (CO Connection) | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Exchange - Complex Digital - Initial | \$57.59 | \$34.08 | \$83.46 | \$35.64 |
| Exchange - Complex Digital - Subsequent (Port Feature) | \$31.77 | \$24.55 | \$9.73 | \$9.73 |
| Exchange - Complex Digital - Subsequent (Switch Feature Group) | \$38.47 | \$24.55 | \$31.34 | \$8.24 |
| Exchange - Complex Digital - Subsequent (CO Connection) | \$19.33 | \$12.11 | \$16.80 | \$16.42 |
| Advanced - Complex - Initial | \$67.44 | \$43.93 | \$331.41 | \$261.97 |
| Advanced - Complex - Subsequent | \$22.20 | \$14.98 | \$93.93 | \$59.21 |

Verizon - Florida
Wholesale Non-recurring Study
Local Wholesale Elements
Rate Summary

| Description | Ordering | | Service Connection | |
|--|------------------------------------|------------|--------------------|------------|
| | 100% Manual | Semi-Mech. | Initial Unit | Add'l Unit |
| UNE Platforms (UNE-Ps) | | | | |
| Exchange - Basic - Subsequent | \$19.46 | \$12.24 | \$1.97 | \$1.97 |
| Exchange - Basic - Changeover (As Specified) | \$23.67 | \$14.59 | \$11.58 | \$11.58 |
| Exchange - Complex Non-digital - Subsequent (Line Feature) | \$19.46 | \$12.24 | \$7.15 | \$7.15 |
| Exchange - Complex Non-digital - Subsequent (Switch Feature Group) | \$26.16 | \$12.24 | \$31.34 | n/a |
| Exchange - Complex Non-digital - Changeover (As Specified) | \$35.14 | \$19.36 | \$26.43 | \$3.33 |
| Exchange - Complex Digital - Subsequent (Line Feature) | \$19.46 | \$12.24 | \$9.73 | \$9.73 |
| Exchange - Complex Digital - Subsequent (Switch Feature Group) | \$26.16 | \$12.24 | \$27.89 | n/a |
| Exchange - Complex Digital - Changeover (As Specified) | \$35.14 | \$19.36 | \$29.17 | \$6.07 |
| Advanced - Complex - Subsequent | \$28.68 | \$14.76 | \$97.70 | \$63.36 |
| Advanced - Complex - Changeover (As Specified) | \$51.03 | \$35.25 | \$125.79 | \$91.45 |
| Subloop | | | | |
| Exchange - FDI Feeder Connection - Initial | \$46.19 | \$29.38 | \$65.21 | \$34.56 |
| Exchange - FDI Feeder Connection - Subsequent | \$19.33 | \$12.11 | \$25.60 | \$11.06 |
| Exchange - FDI Distribution Connection - Initial | \$46.19 | \$29.38 | \$92.13 | \$62.24 |
| Exchange - FDI Distribution Connection - Subsequent | \$19.33 | \$12.11 | \$25.60 | \$11.06 |
| Serving Terminal Connection - Initial | \$46.19 | \$29.38 | \$44.72 | \$23.85 |
| Serving Terminal Connection - Subsequent | \$19.33 | \$12.11 | \$19.98 | \$9.82 |
| Line Sharing | | | | |
| Exchange - CLEC CO Splitter Connection - Initial | Not Included in this Filing | | | |
| Exchange - CLEC CO Splitter Connection - Subsequent | Not Included in this Filing | | | |
| Loop Conditioning | | | | |
| Bridged Tap Removal Only | n/a | n/a | \$2,483.17 | \$43.58 |
| Load Coil Removal Only | n/a | n/a | \$2,929.23 | \$86.47 |
| Bridged Tap and Load Coil Removal | n/a | n/a | \$3,524.02 | \$130.05 |
| Interim Number Portability (INP) | | | | |
| Exchange - Initial | \$39.91 | \$25.12 | \$14.21 | \$14.21 |
| Exchange - Subsequent | \$21.20 | \$16.00 | \$8.13 | \$8.13 |
| Line and Station Transfer | | | | |
| Vacant Transfer | TBD | | | |
| In-Use Transfer | TBD | | | |

Verizon - Florida
Wholesale Non-recurring Study
Network Wholesale Elements
Rate Summary

| Description | Ordering | | Service Connection * | |
|---|----------------|----------------|----------------------|---------------|
| | 100% Manual | Semi- Mech. | Initial Unit | Add'l Unit |
| Unbundled NID | | | | |
| Exchange | \$42.36 | \$30.02 | \$1.97 | n/a |
| Unbundled House and Riser | | | | |
| Exchange | \$42.36 | \$30.02 | \$10.81 | n/a |
| Inter-office Dedicated Transport | | | | |
| Advanced - Basic - Initial | \$111.00 | \$76.44 | \$428.47 | n/a |
| Advanced - Basic - Subsequent | \$49.60 | \$31.50 | \$119.58 | n/a |
| Advanced - Complex - Initial | \$123.53 | \$88.97 | \$599.79 | n/a |
| Advanced - Complex - Subsequent | \$49.60 | \$31.50 | \$119.94 | n/a |
| CLEC Dedicated Transport | | | | |
| Entrance Facility/Dedicated Transport DS0 - Initial | \$111.00 | \$76.44 | \$558.81 | n/a |
| Entrance Facility/Dedicated Transport DS0 - Subsequent | \$49.60 | \$31.50 | \$130.78 | n/a |
| Entrance Facility/Dedicated Transport DS1/DS3 - Initial | \$123.53 | \$88.97 | \$759.83 | n/a |
| Entrance Facility/Dedicated Transport DS1/DS3 - Subsequent | \$49.60 | \$31.50 | \$131.14 | n/a |
| Signaling System Seven (SS7) | | | | |
| Facilities and Trunks - Initial | \$297.64 | \$263.08 | \$1,018.06 | n/a |
| Facilities and Trunks - Subsequent (w/Engineering Review) | \$84.28 | \$66.18 | \$429.49 | n/a |
| Facilities and Trunks - Subsequent (w/o Engineering Review) | \$84.28 | \$66.18 | \$135.30 | n/a |
| Trunks Only - Initial | \$152.15 | \$117.59 | \$897.31 | n/a |
| Trunks Only - Subsequent (w/Engineering Review) | \$55.27 | \$37.17 | \$409.91 | n/a |
| Trunks Only - Subsequent (w/o Engineering Review) | \$55.27 | \$37.17 | \$135.30 | n/a |
| STP Ports (SS7 Links) | \$297.64 | \$263.08 | \$819.12 | n/a |

Verizon - Florida
Wholesale Non-recurring Study
Network Wholesale Elements
Rate Summary

| Description | Ordering | | Service Connection * | |
|---|-------------|------------|----------------------|------------|
| | 100% Manual | Semi-Mech. | Initial Unit | Add'l Unit |
| Enhanced Extended Links (EELs) | | | | |
| Advanced - Basic - Initial | \$111.00 | \$78.08 | \$612.63 | n/a |
| Advanced - Basic - Subsequent | \$49.60 | \$31.50 | \$119.58 | n/a |
| Advanced - Basic - Changeover (As Is) | \$120.84 | \$86.28 | \$33.74 | n/a |
| DS0 - Initial | \$111.00 | \$78.08 | \$529.18 | n/a |
| DS0 - Subsequent | \$49.60 | \$31.50 | \$119.58 | n/a |
| DS0 - Changeover (As Is) | \$120.84 | \$86.28 | \$33.74 | n/a |
| DS1/DS3 - Initial | \$123.53 | \$90.61 | \$770.14 | n/a |
| DS1/DS3 - Subsequent | \$49.60 | \$31.50 | \$119.94 | n/a |
| DS1/DS3 - Changeover (As Is) | \$133.37 | \$98.81 | \$33.74 | n/a |
| Multiplexing - DS1 to Voice | n/a | n/a | \$139.38 | n/a |
| Multiplexing - DS3 to DS1 | n/a | n/a | \$170.64 | n/a |
| Dark Fiber | | | | |
| Advanced - Service Inquiry Charge | \$361.30 | \$359.65 | n/a | n/a |
| Advanced - UNE Inter-office Dedicated Transport | \$88.18 | \$86.54 | \$198.34 | n/a |
| Advanced - Unbundled Loop | \$88.18 | \$86.54 | \$196.40 | n/a |
| Advanced - Subloop Feeder | \$88.18 | \$86.54 | \$196.40 | n/a |
| Advanced - Subloop Distribution | \$88.18 | \$86.54 | \$202.98 | n/a |

* Rates are applied on a per-order basis. Additional Unit column does not apply.

Verizon - Florida
Wholesale Non-recurring Study
Miscellaneous Wholesale Elements
Rate Summary

| Description | Ordering | | Service Connection | |
|--|-------------|------------|--------------------|------------|
| | 100% Manual | Semi-Mech. | Initial Unit | Add'l Unit |
| Coordinated Conversions | | | | |
| Exchange - Standard Interval | \$36.34 | \$36.34 | n/a | n/a |
| Exchange - Additional Interval | \$30.94 | \$30.94 | n/a | n/a |
| Advanced - Standard Interval | \$36.34 | \$36.34 | n/a | n/a |
| Advanced - Additional Interval | \$30.94 | \$30.94 | n/a | n/a |
| Hot-Cut Coordinated Conversions | | | | |
| Exchange - Standard Interval | \$129.15 | \$129.15 | n/a | n/a |
| Exchange - Additional Interval | \$30.94 | \$30.94 | n/a | n/a |
| Advanced - Standard Interval | \$129.15 | \$129.15 | n/a | n/a |
| Advanced - Additional Interval | \$30.94 | \$30.94 | n/a | n/a |
| Expedites | | | | |
| UNE Loop/Port - Exchange Services | \$4.57 | \$4.57 | n/a | n/a |
| UNE Loop/Port - Advanced Services | \$35.59 | \$35.59 | n/a | n/a |
| Other Charges | | | | |
| Customer Record Search (per account) | \$5.73 | n/a | n/a | n/a |
| CLEC Account Establishment (per CLEC) | \$226.38 | \$226.38 | n/a | n/a |
| No Access Customer Will Advise | \$78.09 | \$78.09 | n/a | n/a |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Dark Fiber - Service Inquiry

| Ln | Description | Source | Weighted Units | | | | | | Destination |
|----|---------------------------------------|-------------|-----------------------|---------------------------|------------------------|----------------------|-----------------|-----------------|-------------|
| | | | Ordering | | Service Connection | | Service Inquiry | | |
| | | | Manual Weighted Units | Semi-Mech. Weighted Units | Initial Weighted Units | Add'l Weighted Units | 100% Manual | Semi-Mech. | |
| | | | A=Source | B=Source | C=Source | D=Source | E=A+C | F=B+C | |
| | Advanced Dark Fiber Preordering | | | | | | | | |
| 1 | Exchange Facilities | ROWF | \$1.88 | \$1.47 | \$51.69 | n/a | | | |
| 2 | Inter-office Facilities | ROWF | \$5.65 | \$4.42 | \$302.08 | n/a | | | |
| 3 | Total | Ln 1 + Ln 2 | \$7.53 | \$5.89 | \$353.77 | n/a | \$361.30 | \$359.65 RNWS-2 | |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Order Weighting Factors**

| Ln | Description | Source | Weighting | | | | | | | | Destination | | | | | | |
|--|-------------------------|-------------|-------------|------------|--------------------|------------|------------------|-----------------------|---------------------------|------------------------|-------------|----------------------|--|-------|--|-------|--|
| | | | Ordering | | Service Connection | | Weighting Factor | Ordering | | Service Connection | | | | | | | |
| | | | 100% Manual | Semi-Mech. | Initial Unit | Add'l Unit | | Manual Weighted Units | Semi-Mech. Weighted Units | Initial Weighted Units | | Add'l Weighted Units | | | | | |
| A=Source | | B=Source | | C=Source | | D=Source | | E=Note 1 | | F=A*E | | G=B*E | | H=C*E | | I=D*E | |
| Advanced Dark Fiber Preordering | | | | | | | | | | | | | | | | | |
| 1 | Exchange Facilities | RUDF | \$7.53 | \$5.89 | \$206.76 | n/a | 25.00% | \$1.88 | \$1.47 | \$51.69 | n/a | RDFP | | | | | |
| 2 | Inter-office Facilities | RUDF | \$7.53 | \$5.89 | \$402.77 | n/a | 75.00% | \$5.65 | \$4.42 | \$302.08 | n/a | RDFP | | | | | |
| 3 | Total | Ln 1 + Ln 2 | | | | | | \$7.53 | \$5.89 | \$353.77 | n/a | | | | | | |
| Loop Conditioning Bridged Tap Removal | | | | | | | | | | | | | | | | | |
| 4 | One Occurrence | RLCC | n/a | n/a | \$2,237.87 | \$24.90 | 50.00% | n/a | n/a | \$1,118.93 | \$12.45 | | | | | | |
| 5 | Multiple Occurrences | RLCC | n/a | n/a | \$2,728.48 | \$62.27 | 50.00% | n/a | n/a | \$1,364.24 | \$31.13 | | | | | | |
| 6 | Total | Ln 4 + Ln 5 | | | | | | n/a | n/a | \$2,483.17 | \$43.58 | RLWS-2 | | | | | |
| Bridged Tap/Load Coil Combination | | | | | | | | | | | | | | | | | |
| 7 | One Occurrence | RLCC | n/a | n/a | \$3,278.71 | \$111.36 | 50.00% | n/a | n/a | \$1,639.36 | \$55.68 | | | | | | |
| 8 | Multiple Occurrences | RLCC | n/a | n/a | \$3,769.32 | \$148.73 | 50.00% | n/a | n/a | \$1,884.66 | \$74.37 | | | | | | |
| | Total | Ln 7 + Ln 8 | | | | | | n/a | n/a | \$3,524.02 | \$130.05 | RLWS-2 | | | | | |

Note 1: Weighting Factors provided by Product Management.

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Loop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|----------------------------------|-----------------|----------------|----------------|-----------------------------------|---------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-1 | E=FWS-1 | F=Sum (C..E) | G=PRO-1 | H=FWS-1 | I=FWS-1 | J=Sum (G..I) | |
| | Unbundled Loop | | | | | | | | | | | | |
| | Exchange | | | | | | | | | | | | |
| | Basic | | | | | | | | | | | | |
| | Initial | | | | | | | | | | | | |
| 1 | New | ORS-1 | \$25.79 | \$15.81 | \$11.53 | \$6.29 | \$35.50 | \$53.33 | \$11.53 | \$5.91 | \$35.50 | \$52.95 | |
| 2 | Disconnect | ORS-1 | \$12.72 | \$8.25 | \$6.88 | \$2.64 | \$0.43 | \$9.95 | \$6.88 | \$2.27 | \$0.43 | \$9.57 | |
| 3 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 7 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 8 | Total | Sum Lns (1..7) | \$46.19 | \$29.38 | \$18.42 | \$8.94 | \$35.93 | \$63.28 | \$18.42 | \$8.18 | \$35.93 | \$62.53 | RLWE-1 |
| | Subsequent | | | | | | | | | | | | |
| 9 | Change CO Connection | ORS-1 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 10 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 13 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 14 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 15 | Total | Sum Lns (9..14) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Loop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|----------------------------------|------------------|----------------|----------------|-----------------------------------|---------|----------------|----------------|---------------------------------|---------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-1 | E=FWS-1 | F=Sum (C..E) | G=PRO-1 | H=FWS-1 | I=FWS-1 | J=Sum (G..I) | |
| | Unbundled Loop | | | | | | | | | | | | |
| | Exchange | | | | | | | | | | | | |
| | Complex Non-digital | | | | | | | | | | | | |
| | Initial | | | | | | | | | | | | |
| 16 | New | ORS-1 | \$25.79 | \$15.81 | \$6.35 | \$6.29 | \$35.50 | \$48.15 | \$6.35 | \$5.91 | \$35.50 | \$47.77 | |
| 17 | Disconnect | ORS-1 | \$12.72 | \$8.25 | \$2.37 | \$2.64 | \$0.43 | \$5.44 | \$2.37 | \$2.27 | \$0.43 | \$5.07 | |
| 18 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 19 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 20 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 21 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 22 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 23 | Total | Sum Lns (16..22) | \$46.19 | \$29.38 | \$8.73 | \$8.94 | \$35.93 | \$53.59 | \$8.73 | \$8.18 | \$35.93 | \$52.84 | RLWE-1 |
| | Subsequent | | | | | | | | | | | | |
| 24 | Change CO Connection | ORS-1 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 25 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 26 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 27 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 28 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 29 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 30 | Total | Sum Lns (24..29) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Loop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|----------------------------------|------------------|----------------|----------------|-----------------------------------|---------|----------------|----------------|---------------------------------|---------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-1 | E=FWS-1 | F=Sum (C..E) | G=PRO-1 | H=FWS-1 | I=FWS-1 | J=Sum (G..I) | |
| | Unbundled Loop | | | | | | | | | | | | |
| | Exchange | | | | | | | | | | | | |
| | Complex Digital | | | | | | | | | | | | |
| | Initial | | | | | | | | | | | | |
| 31 | New | ORS-1 | \$25.79 | \$15.81 | \$10.69 | \$6.29 | \$35.50 | \$52.48 | \$10.69 | \$5.91 | \$35.50 | \$52.10 | |
| 32 | Disconnect | ORS-1 | \$12.72 | \$8.25 | \$5.70 | \$2.64 | \$0.43 | \$8.78 | \$5.70 | \$2.27 | \$0.43 | \$8.40 | |
| 33 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 34 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 35 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 36 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 37 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 38 | Total | Sum Lns (31..37) | \$46.19 | \$29.38 | \$16.39 | \$8.94 | \$35.93 | \$61.26 | \$16.39 | \$8.18 | \$35.93 | \$60.50 | RLWE-1 |
| | Subsequent | | | | | | | | | | | | |
| 39 | Change CO Connection | ORS-1 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 40 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 41 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 42 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 43 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 44 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 45 | Total | Sum Lns (39..44) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Loop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|----------------------------------|------------------|----------------|----------------|-----------------------------------|----------------|-----------------|-----------------|---------------------------------|----------------|-----------------|-----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-1 | E=FWS-1 | F=Sum (C..E) | G=PRO-1 | H=FWS-1 | I=FWS-1 | J=Sum (G..I) | |
| | Unbundled Loop | | | | | | | | | | | | |
| | Advanced | | | | | | | | | | | | |
| | Basic | | | | | | | | | | | | |
| | Initial | | | | | | | | | | | | |
| 46 | New | ORS-5 | \$25.79 | \$15.81 | \$110.78 | \$15.76 | \$100.43 | \$226.97 | \$76.44 | \$15.38 | \$100.43 | \$192.25 | |
| 47 | Disconnect | ORS-5 | \$12.72 | \$8.25 | \$69.39 | \$2.64 | \$92.80 | \$164.83 | \$35.05 | \$2.27 | \$92.80 | \$130.12 | |
| 48 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 49 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 50 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 51 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 52 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 53 | Total | Sum Lns (46..52) | \$46.19 | \$29.38 | \$180.17 | \$18.40 | \$193.23 | \$391.80 | \$111.49 | \$17.64 | \$193.23 | \$322.36 | RLWE-1 |
| | Subsequent | | | | | | | | | | | | |
| 54 | Change CO Connection | ORS-5 | \$11.65 | \$6.79 | \$65.54 | \$15.76 | n/a | \$81.30 | \$31.20 | \$15.38 | n/a | \$46.58 | |
| 55 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 56 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 57 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 58 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 59 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 60 | Total | Sum Lns (54..59) | \$19.33 | \$12.11 | \$65.54 | \$15.76 | n/a | \$81.30 | \$31.20 | \$15.38 | n/a | \$46.58 | RLWE-1 |

Verizon - Florida
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Rate Development
Unbundled Loop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|------------------------|----------------------------------|------------------|----------------|----------------|-----------------------------------|----------------|-----------------|-----------------|---------------------------------|----------------|-----------------|-----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | Λ=Source | B=Source | C=PRO-1 | D=FWS-1 | E=FWS-1 | F=Sum (C..E) | G=PRO-1 | H=FWS-1 | I=FWS-1 | J=Sum (G..I) | |
| Unbundled Loop | | | | | | | | | | | | | |
| Advanced | | | | | | | | | | | | | |
| Complex Digital | | | | | | | | | | | | | |
| Initial | | | | | | | | | | | | | |
| 61 | New | ORS-5 | \$32.49 | \$15.81 | \$194.47 | \$15.76 | \$122.15 | \$332.38 | \$160.13 | \$15.38 | \$122.15 | \$297.66 | |
| 62 | Disconnect | ORS-5 | \$12.72 | \$8.25 | \$82.02 | \$2.64 | \$92.80 | \$177.46 | \$47.68 | \$2.27 | \$92.80 | \$142.75 | |
| 63 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 64 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 65 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 66 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 67 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 68 | Total | Sum Lns (61..67) | \$52.89 | \$29.38 | \$276.49 | \$18.40 | \$214.95 | \$509.84 | \$207.81 | \$17.64 | \$214.95 | \$440.40 | RLWE-1 |
| Subsequent | | | | | | | | | | | | | |
| 69 | Change CO Connection | ORS-5 | \$11.65 | \$6.79 | \$78.17 | \$15.76 | n/a | \$93.93 | \$43.83 | \$15.38 | n/a | \$59.21 | |
| 70 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 71 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 72 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 73 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 74 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 75 | Total | Sum Lns (69..74) | \$19.33 | \$12.11 | \$78.17 | \$15.76 | n/a | \$93.93 | \$43.83 | \$15.38 | n/a | \$59.21 | RLWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Port

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|--|----------------------------------|------------------|----------------|----------------|-----------------------------------|---------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-2 | E=FWS-2 | F=Sum (C..E) | G=PRO-1 | H=FWS-2 | I=FWS-2 | J=Sum (G..I) | |
| Unbundled Port Exchange Basic Initial | | | | | | | | | | | | | |
| 1 | New | ORS-2 | \$25.40 | \$15.42 | \$16.84 | \$6.29 | n/a | \$23.13 | \$16.84 | \$5.91 | n/a | \$22.75 | |
| 2 | Disconnect | ORS-2 | \$9.48 | \$5.01 | \$12.46 | \$2.64 | n/a | \$15.10 | \$12.46 | \$2.27 | n/a | \$14.72 | |
| 3 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 7 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 8 | Total | Sum Lns (1..7) | \$42.56 | \$25.75 | \$29.30 | \$8.94 | n/a | \$38.23 | \$29.30 | \$8.18 | n/a | \$37.47 | RLWE-1 |
| Subsequent - Port Feature | | | | | | | | | | | | | |
| 9 | Change Port Feature | ORS-2 | \$15.76 | \$10.90 | \$1.97 | n/a | n/a | \$1.97 | \$1.97 | n/a | n/a | \$1.97 | |
| 10 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 13 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 14 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 15 | Total | Sum Lns (9..14) | \$23.44 | \$16.22 | \$1.97 | n/a | n/a | \$1.97 | \$1.97 | n/a | n/a | \$1.97 | RLWE-1 |
| Subsequent - CO Connection | | | | | | | | | | | | | |
| 16 | Change CO Connection | ORS-2 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 17 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 18 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 19 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 20 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 21 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 22 | Total | Sum Lns (16..21) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

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| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|---|------------------|----------------|----------------|-----------------------------------|---------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-2 | E=FWS-2 | F=Sum (C..E) | G=PRO-1 | H=FWS-2 | I=FWS-2 | J=Sum (C..I) | |
| | Exchange Complex Non-digital Initial | | | | | | | | | | | | |
| 23 | New | ORS-2 | \$40.43 | \$23.75 | \$36.23 | \$6.29 | n/a | \$42.52 | \$13.13 | \$5.91 | n/a | \$19.04 | |
| 24 | Disconnect | ORS-2 | \$9.48 | \$5.01 | \$30.39 | \$2.64 | n/a | \$33.03 | \$6.43 | \$2.27 | n/a | \$8.70 | |
| 25 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 26 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 27 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 28 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 29 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 30 | Total | Sum Lns (23..29) | \$57.59 | \$34.08 | \$66.62 | \$8.94 | n/a | \$75.56 | \$19.56 | \$8.18 | n/a | \$27.74 | RLWE-1 |
| | Subsequent - Port Feature | | | | | | | | | | | | |
| 31 | Change Port Feature | ORS-2 | \$24.09 | \$19.23 | \$7.15 | n/a | n/a | \$7.15 | \$7.15 | n/a | n/a | \$7.15 | |
| 32 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 33 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 34 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 35 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 36 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 37 | Total | Sum Lns (31..36) | \$31.77 | \$24.55 | \$7.15 | n/a | n/a | \$7.15 | \$7.15 | n/a | n/a | \$7.15 | RLWE-1 |
| | Subsequent - Switch Feature Group | | | | | | | | | | | | |
| 38 | Change Switch Feature Group | ORS-2 | \$30.79 | \$19.23 | \$31.34 | n/a | n/a | \$31.34 | \$8.24 | n/a | n/a | \$8.24 | |
| 39 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 40 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 41 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 42 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 43 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 44 | Total | Sum Lns (38..43) | \$38.47 | \$24.55 | \$31.34 | n/a | n/a | \$31.34 | \$8.24 | n/a | n/a | \$8.24 | RLWE-1 |
| | Subsequent - CO Connection | | | | | | | | | | | | |
| 45 | Change CO Connection | ORS-2 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 46 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 47 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 48 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 49 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 50 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 51 | Total | Sum Lns (45..50) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

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|----|--|------------------|----------------|----------------|-----------------------------------|---------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-2 | E=FWS-2 | F=Sum (C..E) | G=PRO-1 | H=FWS-2 | I=FWS-2 | J=Sum (G..I) | |
| | Exchange Complex Digital Initial | | | | | | | | | | | | |
| 52 | New | ORS-2 | \$40.43 | \$23.75 | \$39.27 | \$6.29 | n/a | \$45.56 | \$16.17 | \$5.91 | n/a | \$22.08 | |
| 53 | Disconnect | ORS-2 | \$9.48 | \$5.01 | \$35.25 | \$2.64 | n/a | \$37.89 | \$11.29 | \$2.27 | n/a | \$13.56 | |
| 54 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 55 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 56 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 57 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 58 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 59 | Total | Sum Lns (52..58) | \$57.59 | \$34.08 | \$74.52 | \$8.94 | n/a | \$83.46 | \$27.46 | \$8.18 | n/a | \$35.64 | RLWE-1 |
| | Subsequent - Port Feature | | | | | | | | | | | | |
| 60 | Change Port Feature | ORS-2 | \$24.09 | \$19.23 | \$9.73 | n/a | n/a | \$9.73 | \$9.73 | n/a | n/a | \$9.73 | |
| 61 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 62 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 63 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 64 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 65 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 66 | Total | Sum Lns (60..65) | \$31.77 | \$24.55 | \$9.73 | n/a | n/a | \$9.73 | \$9.73 | n/a | n/a | \$9.73 | RLWE-1 |
| | Subsequent - Switch Feature Group | | | | | | | | | | | | |
| 67 | Change Switch Feature Group | ORS-2 | \$30.79 | \$19.23 | \$31.34 | n/a | n/a | \$31.34 | \$8.24 | n/a | n/a | \$8.24 | |
| 68 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 69 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 70 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 71 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 72 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 73 | Total | Sum Lns (67..72) | \$38.47 | \$24.55 | \$31.34 | n/a | n/a | \$31.34 | \$8.24 | n/a | n/a | \$8.24 | RLWE-1 |
| | Subsequent - CO Connection | | | | | | | | | | | | |
| 74 | Change CO Connection | ORS-2 | \$11.65 | \$6.79 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | |
| 75 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 76 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 77 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 78 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 79 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 80 | Total | Sum Lns (74..79) | \$19.33 | \$12.11 | \$8.24 | \$8.56 | n/a | \$16.80 | \$8.24 | \$8.18 | n/a | \$16.42 | RLWE-1 |

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| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|-----------------------------------|------------------|----------------|----------------|-----------------------------------|----------------|----------------|-----------------|---------------------------------|----------------|----------------|-----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-1 | D=FWS-2 | E=FWS-2 | F=Sum (C..E) | G=PRO-1 | H=FWS-2 | I=FWS-2 | J=Sum (G..I) | |
| | Advanced Complex Initial | | | | | | | | | | | | |
| 81 | New | ORS-5 | \$46.83 | \$30.15 | \$214.00 | \$15.76 | n/a | \$229.76 | \$179.66 | \$15.38 | n/a | \$195.04 | |
| 82 | Disconnect | ORS-5 | \$12.93 | \$8.46 | \$99.01 | \$2.64 | n/a | \$101.65 | \$64.67 | \$2.27 | n/a | \$66.94 | |
| 83 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 84 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 85 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 86 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 87 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 88 | Total | Sum Lns (81..87) | \$67.44 | \$43.93 | \$313.01 | \$18.40 | n/a | \$331.41 | \$244.33 | \$17.64 | n/a | \$261.97 | RLWE-1 |
| | Subsequent - CO Connection | | | | | | | | | | | | |
| 89 | Change CO Connection | ORS-5 | \$14.52 | \$9.66 | \$78.17 | \$15.76 | n/a | \$93.93 | \$43.83 | \$15.38 | n/a | \$59.21 | |
| 90 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 91 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 92 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 93 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 94 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 95 | Total | Sum Lns (89..94) | \$22.20 | \$14.98 | \$78.17 | \$15.76 | n/a | \$93.93 | \$43.83 | \$15.38 | n/a | \$59.21 | RLWE-1 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
UNE-Platforms (UNE-Ps)**

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | Service Connection - Add'l Unit | | | | Destination | |
|----------------------------------|----------------------------------|-----------------|----------------|----------------|-----------------------------------|------------|-------------------|---------------------------------|----------------|------------|-------------------|----------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-4 | D=FWS-4 | E=FWS-4 | F=Sum (C..E) | G=PRO-4 | H=FWS-4 | I=FWS-4 | J=Sum (G..I) | |
| UNE-Platforms (UNE-Ps) | | | | | | | | | | | | | |
| Exchange | | | | | | | | | | | | | |
| Basic | | | | | | | | | | | | | |
| Subsequent | | | | | | | | | | | | | |
| 1 | Change Line Feature | ORS-6 | \$12.01 | \$7.15 | \$1.97 | n/a | n/a | \$1.97 | \$1.97 | n/a | n/a | \$1.97 | |
| 2 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 3 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 7 | Total | Sum Lns (1..6) | \$19.46 | \$12.24 | \$1.97 | n/a | n/a | \$1.97 | \$1.97 | n/a | n/a | \$1.97 | RLWE-2 |
| Basic | | | | | | | | | | | | | |
| Changeover (As Specified) | | | | | | | | | | | | | |
| 8 | Migration As Is +/- | ORS-6 | \$16.22 | \$9.50 | \$11.58 | n/a | n/a | \$11.58 | \$11.58 | n/a | n/a | \$11.58 | |
| 9 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 10 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 13 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 14 | Total | Sum Lns (8..13) | \$23.67 | \$14.59 | \$11.58 | n/a | n/a | \$11.58 | \$11.58 | n/a | n/a | \$11.58 | RLWE-2 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
UNE-Platforms (UNE-Ps)**

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination | |
|--|----------------------------------|------------------|----------------|----------------|-----------------------------------|------------|----------------|----------------|---------------------------------|------------|----------------|---------------|-------------|--|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | | |
| | | | A=Source | B=Source | C=PRO-4 | D=FWS-4 | E=FWS-4 | F=Sum (C..F) | G=PRO-4 | H=FWS-4 | I=FWS-4 | J=Sum (G..J) | | |
| UNE-Platforms (UNE-Ps) | | | | | | | | | | | | | | |
| Exchange | | | | | | | | | | | | | | |
| Complex Non-digital | | | | | | | | | | | | | | |
| Subsequent (Line Feature) | | | | | | | | | | | | | | |
| 15 | Change Line Feature | ORS-6 | \$12.01 | \$7.15 | \$7.15 | n/a | n/a | \$7.15 | \$7.15 | n/a | n/a | \$7.15 | | |
| 16 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 17 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 18 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 19 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 20 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 21 | Total | Sum Lns (15..20) | \$19.46 | \$12.24 | \$7.15 | n/a | n/a | \$7.15 | \$7.15 | n/a | n/a | \$7.15 | RLWE-2 | |
| Complex Non-digital | | | | | | | | | | | | | | |
| Subsequent (Switch Feature Group) | | | | | | | | | | | | | | |
| 22 | Change Switch Feature Group | ORS-6 | \$18.71 | \$7.15 | \$31.34 | n/a | n/a | \$31.34 | n/a | n/a | n/a | n/a | | |
| 23 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 24 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 25 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 26 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 27 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 28 | Total | Sum Lns (22..27) | \$26.16 | \$12.24 | \$31.34 | n/a | n/a | \$31.34 | n/a | n/a | n/a | n/a | RLWE-2 | |
| Complex Non-digital | | | | | | | | | | | | | | |
| Changeover (As Specified) | | | | | | | | | | | | | | |
| 29 | Migration As Specified | ORS-6 | \$27.69 | \$14.27 | \$26.43 | n/a | n/a | \$26.43 | \$3.33 | n/a | n/a | \$3.33 | | |
| 30 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 31 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 32 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 33 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 34 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 35 | Total | Sum Lns (29..34) | \$35.14 | \$19.36 | \$26.43 | n/a | n/a | \$26.43 | \$3.33 | n/a | n/a | \$3.33 | RLWE-2 | |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
UNE-Platforms (UNE-Ps)**

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|--|----------------------------------|------------------|----------------|----------------|-----------------------------------|------------|----------------|----------------|---------------------------------|------------|----------------|---------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-4 | D=FWS-4 | E=FWS-4 | F=Sum (C..I) | G=PRO-4 | H=FWS-4 | I=FWS-4 | J=Sum (G..I) | |
| UNE-Platforms (UNE-Ps) | | | | | | | | | | | | | |
| Exchange | | | | | | | | | | | | | |
| Complex Digital | | | | | | | | | | | | | |
| Subsequent (Line Feature) | | | | | | | | | | | | | |
| 36 | Change Line Feature | ORS-6 | \$12.01 | \$7.15 | \$9.73 | n/a | n/a | \$9.73 | \$9.73 | n/a | n/a | \$9.73 | |
| 37 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 38 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 39 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 40 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 41 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 42 | Total | Sum Lns (36..41) | \$19.46 | \$12.24 | \$9.73 | n/a | n/a | \$9.73 | \$9.73 | n/a | n/a | \$9.73 | RI.WF:-2 |
| Complex Digital | | | | | | | | | | | | | |
| Subsequent (Switch Feature Group) | | | | | | | | | | | | | |
| 43 | Change Switch Feature Group | ORS-6 | \$18.71 | \$7.15 | \$27.89 | n/a | n/a | \$27.89 | n/a | n/a | n/a | n/a | |
| 44 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 45 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 46 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 47 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 48 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 49 | Total | Sum Lns (43..48) | \$26.16 | \$12.24 | \$27.89 | n/a | n/a | \$27.89 | n/a | n/a | n/a | n/a | RI.WF:-2 |
| Complex Digital | | | | | | | | | | | | | |
| Changeover (As Specified) | | | | | | | | | | | | | |
| 50 | Migration As Specified | ORS-6 | \$27.69 | \$14.27 | \$29.17 | n/a | n/a | \$29.17 | \$6.07 | n/a | n/a | \$6.07 | |
| 51 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 52 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 53 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 54 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 55 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 56 | Total | Sum Lns (50..55) | \$35.14 | \$19.36 | \$29.17 | n/a | n/a | \$29.17 | \$6.07 | n/a | n/a | \$6.07 | RI.WE-2 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
UNE-Platforms (UNE-Ps)**

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination | |
|----------------------------------|----------------------------------|------------------|----------------|----------------|-----------------------------------|---------|----------------|-----------------|---------------------------------|---------|----------------|----------------|-------------|--|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | | |
| | | | A=Source | B=Source | C=PRO-4 | D=FWS-4 | E=FWS-4 | F=Sum (C..E) | G=PRO-4 | H=FWS-4 | I=FWS-4 | J=Sum (G..I) | | |
| UNE-Platforms (UNE-Ps) | | | | | | | | | | | | | | |
| Advanced | | | | | | | | | | | | | | |
| Complex | | | | | | | | | | | | | | |
| Subsequent | | | | | | | | | | | | | | |
| 57 | Change | ORS-7 | \$21.23 | \$9.67 | \$97.70 | n/a | n/a | \$97.70 | \$63.36 | n/a | n/a | \$63.36 | | |
| 58 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 59 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 60 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 61 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 62 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 63 | Total | Sum Lns (57..62) | \$28.68 | \$14.76 | \$97.70 | n/a | n/a | \$97.70 | \$63.36 | n/a | n/a | \$63.36 | RLWE-2 | |
| Complex | | | | | | | | | | | | | | |
| Changeover (As Specified) | | | | | | | | | | | | | | |
| 64 | Migration As Specified | ORS-7 | \$43.58 | \$30.16 | \$125.79 | n/a | n/a | \$125.79 | \$91.45 | n/a | n/a | \$91.45 | | |
| 65 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 66 | Record Order | RORF | \$0.96 | \$0.62 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 67 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 68 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 69 | OSS - Transition Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | | |
| 70 | Total | Sum Lns (64..69) | \$51.03 | \$35.25 | \$125.79 | n/a | n/a | \$125.79 | \$91.45 | n/a | n/a | \$91.45 | RLWE-2 | |

Verizon - Florida

Wholesale Non-recurring Study

Rate Development

Subloop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|------------------------------------|----------------------------------|------------------|----------------|----------------|-----------------------------------|---------------|----------------|----------------|---------------------------------|---------------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-2 | D=FWS-5 | E=FWS-5 | F=Sum (C..E) | G=PRO-2 | H=FWS-5 | I=FWS-5 | J=Sum (G..I) | |
| Unbundled Subloop | | | | | | | | | | | | | |
| Exchange | | | | | | | | | | | | | |
| FDI Feeder Connection | | | | | | | | | | | | | |
| Initial | | | | | | | | | | | | | |
| 1 | New | ORS-3 | \$25.79 | \$15.81 | \$12.36 | \$6.29 | \$17.78 | \$36.43 | \$12.36 | \$5.91 | \$2.89 | \$21.16 | |
| 2 | Disconnect | ORS-3 | \$12.72 | \$8.25 | \$8.24 | \$2.64 | \$17.89 | \$28.78 | \$8.24 | \$2.27 | \$2.90 | \$13.41 | |
| 3 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 7 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 8 | Total | Sum Lns (1..7) | \$46.19 | \$29.38 | \$20.60 | \$8.94 | \$35.67 | \$65.21 | \$20.60 | \$8.18 | \$5.79 | \$34.56 | RLWE-2 |
| Subsequent | | | | | | | | | | | | | |
| 9 | Change Facility Connection | ORS-3 | \$11.65 | \$6.79 | \$8.24 | n/a | \$17.36 | \$25.60 | \$8.24 | n/a | \$2.82 | \$11.06 | |
| 10 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 13 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 14 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 15 | Total | Sum Lns (9..14) | \$19.33 | \$12.11 | \$8.24 | n/a | \$17.36 | \$25.60 | \$8.24 | n/a | \$2.82 | \$11.06 | RLWE-2 |
| FDI Distribution Connection | | | | | | | | | | | | | |
| Initial | | | | | | | | | | | | | |
| 16 | New | ORS-3 | \$25.79 | \$15.81 | \$12.36 | n/a | \$53.21 | \$65.56 | \$12.36 | n/a | \$38.31 | \$50.67 | |
| 17 | Disconnect | ORS-3 | \$12.72 | \$8.25 | \$8.24 | n/a | \$18.32 | \$26.56 | \$8.24 | n/a | \$3.33 | \$11.57 | |
| 18 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 19 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 20 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 21 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 22 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 23 | Total | Sum Lns (16..22) | \$46.19 | \$29.38 | \$20.60 | n/a | \$71.53 | \$92.13 | \$20.60 | n/a | \$41.64 | \$62.24 | RLWE-2 |
| Subsequent | | | | | | | | | | | | | |
| 24 | Change Facility Connection | ORS-3 | \$11.65 | \$6.79 | \$8.24 | n/a | \$17.36 | \$25.60 | \$8.24 | n/a | \$2.82 | \$11.06 | |
| 25 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 26 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 27 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 28 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 29 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 30 | Total | Sum Lns (24..29) | \$19.33 | \$12.11 | \$8.24 | n/a | \$17.36 | \$25.60 | \$8.24 | n/a | \$2.82 | \$11.06 | RLWE-2 |

Verizon - Florida Wholesale Non-recurring Study Rate Development Subloop

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|------------------------------------|----------------------------------|------------------|----------------|----------------|-----------------------------------|------------|-------------------|----------------|---------------------------------|------------|-------------------|----------------|-------------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-2 | D=FWS-5 | E=FWS-5 | F=Sum (C..E) | G=PRO-2 | H=FWS-5 | I=FWS-5 | J=Sum (G..I) | |
| Unbundled Subloop | | | | | | | | | | | | | |
| Exchange | | | | | | | | | | | | | |
| Serving Terminal Connection | | | | | | | | | | | | | |
| Initial | | | | | | | | | | | | | |
| 31 | New | ORS-3 | \$25.79 | \$15.81 | \$12.36 | n/a | \$12.02 | \$24.38 | \$12.36 | n/a | \$1.62 | \$13.98 | |
| 32 | Disconnect | ORS-3 | \$12.72 | \$8.25 | \$8.24 | n/a | \$12.10 | \$20.34 | \$8.24 | n/a | \$1.63 | \$9.87 | |
| 33 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 34 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 35 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 36 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 37 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 38 | Total | Sum Lns (31..37) | \$46.19 | \$29.38 | \$20.60 | n/a | \$24.13 | \$44.72 | \$20.60 | n/a | \$3.26 | \$23.85 | RLWE-2 |
| Subsequent | | | | | | | | | | | | | |
| 39 | Change Facility Connection | ORS-3 | \$11.65 | \$6.79 | \$8.24 | n/a | \$11.74 | \$19.98 | \$8.24 | n/a | \$1.59 | \$9.82 | |
| 40 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 41 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 42 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 43 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 44 | OSS - Transition Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 45 | Total | Sum Lns (39..44) | \$19.33 | \$12.11 | \$8.24 | n/a | \$11.74 | \$19.98 | \$8.24 | n/a | \$1.59 | \$9.82 | RLWE-2 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Line Sharing**

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|----|------------------------------------|-----------------|----------------|----------------|-----------------------------------|------------|-------------------|--------------|---------------------------------|------------|-------------------|--------------|-------------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-2 | D=FWS-6 | E=FWS-6 | F=Sum (C..E) | G=PRO-2 | H=FWS-6 | I=FWS-6 | J=Sum (G..I) | |
| | Line Sharing | | | | | | | | | | | | |
| | Exchange | | | | | | | | | | | | |
| | CLEC CO Splitter Connection | | | | | | | | | | | | |
| | Initial | | | | | | | | | | | | |
| 1 | New | ORS-4 | | | | | | | | | | | |
| 2 | Disconnect | ORS-4 | | | | | | | | | | | |
| 3 | Record Order | RORF | | | | | | | | | | | |
| 4 | NMC Shared/Fixed Costs | RFX | | | | | | | | | | | |
| 5 | OSS - Transaction Specific Costs | RFX | | | | | | | | | | | |
| 6 | OSS - Transition Costs | RFX | | | | | | | | | | | |
| 7 | Mechanized Loop Pre-Qualification | RFX | | | | | | | | | | | |
| 8 | Total | Sum Lns (1..7) | | | | | | | | | | | |
| | Subsequent | | | | | | | | | | | | |
| 9 | Change CO Connection | ORS-4 | | | | | | | | | | | |
| 10 | Record Order | RORF | | | | | | | | | | | |
| 11 | NMC Shared/Fixed Costs | RFX | | | | | | | | | | | |
| 12 | OSS - Transaction Specific Costs | RFX | | | | | | | | | | | |
| 13 | OSS - Transition Costs | RFX | | | | | | | | | | | |
| 14 | Mechanized Loop Pre-Qualification | RFX | | | | | | | | | | | |
| 15 | Total | Sum Lns (9..14) | | | | | | | | | | | |

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Loop Conditioning

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|--|----------------------------------|------------------|----------------|----------------|-----------------------------------|------------|-------------------|--------------|---------------------------------|------------|-------------------|--------------|-------------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-2 | D=FWS-7 | E=FWS-7 | F=Sum (C..E) | G=PRO-2 | H=FWS-7 | I=FWS-7 | J=Sum (G..I) | |
| Loop Conditioning | | | | | | | | | | | | | |
| Bridged Tap Only | | | | | | | | | | | | | |
| Removal | | | | | | | | | | | | | |
| 1 | One Occurrence | ORS-4 | n/a | n/a | n/a | n/a | \$2,237.87 | \$2,237.87 | n/a | n/a | \$24.90 | \$24.90 | |
| 2 | Record Order | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 3 | NMC Shared/Fixed Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | OSS - Transaction Specific Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | OSS - Transition Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | Total | Sum Lns (1..5) | n/a | n/a | n/a | n/a | \$2,237.87 | \$2,237.87 | n/a | n/a | \$24.90 | \$24.90 | ROWF |
| 7 | Multiple Occurrences | ORS-4 | n/a | n/a | n/a | n/a | \$2,728.48 | \$2,728.48 | n/a | n/a | \$62.27 | \$62.27 | |
| 8 | Record Order | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 9 | NMC Shared/Fixed Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 10 | OSS - Transaction Specific Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | OSS - Transition Costs | | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | Total | Sum Lns (7..11) | n/a | n/a | n/a | n/a | \$2,728.48 | \$2,728.48 | n/a | n/a | \$62.27 | \$62.27 | ROWF |
| Load Coil Only | | | | | | | | | | | | | |
| Removal | | | | | | | | | | | | | |
| 13 | Load Coil Removal | ORS-4 | n/a | n/a | n/a | n/a | \$2,929.23 | \$2,929.23 | n/a | n/a | \$86.47 | \$86.47 | |
| 14 | Record Order | | | | | | | | | | | | |
| 15 | NMC Shared/Fixed Costs | | | | | | | | | | | | |
| 16 | OSS - Transaction Specific Costs | | | | | | | | | | | | |
| 17 | OSS - Transition Costs | | | | | | | | | | | | |
| 18 | Total | Sum Lns (13..17) | n/a | n/a | n/a | n/a | \$2,929.23 | \$2,929.23 | n/a | n/a | \$86.47 | \$86.47 | RLWE-2 |
| Bridged Tap and Load Coil Combination | | | | | | | | | | | | | |
| Removal | | | | | | | | | | | | | |
| 19 | One Occurrence | ORS-4 | n/a | n/a | n/a | n/a | \$3,278.71 | \$3,278.71 | n/a | n/a | \$111.36 | \$111.36 | |
| 20 | Record Order | | | | | | | | | | | | |
| 21 | NMC Shared/Fixed Costs | | | | | | | | | | | | |
| 22 | OSS - Transaction Specific Costs | | | | | | | | | | | | |
| 23 | OSS - Transition Costs | | | | | | | | | | | | |
| 24 | Total | Sum Lns (19..23) | n/a | n/a | n/a | n/a | \$3,278.71 | \$3,278.71 | n/a | n/a | \$111.36 | \$111.36 | ROWF |
| 25 | Multiple Occurrences | ORS-4 | n/a | n/a | n/a | n/a | \$3,769.32 | \$3,769.32 | n/a | n/a | \$148.73 | \$148.73 | |
| 26 | Record Order | | | | | | | | | | | | |
| 27 | NMC Shared/Fixed Costs | | | | | | | | | | | | |
| 28 | OSS - Transaction Specific Costs | | | | | | | | | | | | |
| 29 | OSS - Transition Costs | | | | | | | | | | | | |
| 30 | Total | Sum Lns (25..29) | n/a | n/a | n/a | n/a | \$3,769.32 | \$3,769.32 | n/a | n/a | \$148.73 | \$148.73 | ROWF |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Interim Number Portability (INP)

| Ln | Description | Source | Ordering | | Service Connection - Initial Unit | | | | Service Connection - Add'l Unit | | | | Destination |
|--|----------------------------------|-----------------|----------------|----------------|-----------------------------------|---------|----------------|----------------|---------------------------------|---------|----------------|----------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-2 | D=FWS-3 | E=FWS-3 | F=SUM (C..E) | G=PRO-2 | H=FWS-3 | I=FWS-3 | J=Sum G..I | |
| Unbundled Network Elements (UNEs) Interim Number Portability (INP) Exchange Initial | | | | | | | | | | | | | |
| 1 | New | ORS-3 | \$22.01 | \$12.03 | \$7.69 | n/a | n/a | \$7.69 | \$7.69 | n/a | n/a | \$7.69 | |
| 2 | Disconnect | ORS-3 | \$12.24 | \$7.77 | \$6.52 | n/a | n/a | \$6.52 | \$6.52 | n/a | n/a | \$6.52 | |
| 3 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 4 | NMC Shared/Fixed Costs | RPIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 5 | OSS - Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 6 | OSS - Transition Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 7 | Total | Sum Lns (1..6) | \$39.91 | \$25.12 | \$14.21 | n/a | n/a | \$14.21 | \$14.21 | n/a | n/a | \$14.21 | RLWE-2 |
| Subsequent | | | | | | | | | | | | | |
| 8 | Change | ORS-3 | \$15.54 | \$10.68 | \$8.13 | n/a | n/a | \$8.13 | \$8.13 | n/a | n/a | \$8.13 | |
| 9 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 10 | NMC Shared/Fixed Costs | RPIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 11 | OSS - Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 12 | OSS - Transition Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | |
| 13 | Total | Sum Lns (8..12) | \$21.20 | \$16.00 | \$8.13 | n/a | n/a | \$8.13 | \$8.13 | n/a | n/a | \$8.13 | RLWE-2 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled Network Interface Device (NID)

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|----|---|----------------|----------------|----------------|--------------------------------|------------|-------------------|---------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-5 | D=FWS-8 | E=FWS-8 | F=SUM (C..E) | |
| | Unbundled Network Interface Device (NID) | | | | | | | | |
| | Exchange | | | | | | | | |
| 1 | Basic | ORS-8 | \$34.68 | \$24.70 | n/a | n/a | \$1.97 | \$1.97 | |
| 2 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | |
| 3 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | |
| 4 | NMC Shared/Fixed Costs | RFX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | |
| 5 | OSS - Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 6 | Total | Sum Lns (1..5) | \$42.36 | \$30.02 | n/a | n/a | \$1.97 | \$1.97 | RNWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Unbundled House and Riser

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|----|---|----------------|----------------|----------------|--------------------------------|------------|-------------------|----------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-5 | D=FWS-8 | E=FWS-8 | F=SUM (C..E) | |
| | Unbundled House and Riser Exchange | | | | | | | | |
| 1 | Basic | ORS-8 | \$34.68 | \$24.70 | n/a | n/a | \$10.81 | \$10.81 | |
| 2 | Preordering | RORF | \$2.02 | n/a | n/a | n/a | n/a | n/a | |
| 3 | Record Order | RORF | \$1.19 | \$0.85 | n/a | n/a | n/a | n/a | |
| 4 | NMC Shared/Fixed Costs | RFIX | \$4.47 | \$4.47 | n/a | n/a | n/a | n/a | |
| 5 | OSS - Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 6 | Total | Sum Lns (1..5) | \$42.36 | \$30.02 | n/a | n/a | \$10.81 | \$10.81 | RNWE-1 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Inter-office Dedicated Transport**

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|----|--|------------------|-----------------|----------------|--------------------------------|-----------------|-------------------|-----------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-7 | D=FWS-11 | E=FWS-11 | F=SUM (C..E) | |
| | Advanced Basic DS0 and Fractional T-1 Initial | | | | | | | | |
| 1 | New | ORS-11 | \$62.75 | \$46.29 | \$185.64 | \$99.43 | n/a | \$285.07 | |
| 2 | Disconnect | ORS-11 | \$43.87 | \$27.41 | \$112.57 | \$30.83 | n/a | \$143.40 | |
| 3 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 4 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 5 | Total | Sum Lns (1..4) | \$111.00 | \$76.44 | \$298.21 | \$130.26 | n/a | \$428.47 | RNWE-1 |
| | Subsequent | | | | | | | | |
| 6 | Change | ORS-11 | \$45.22 | \$28.76 | \$108.72 | \$10.86 | n/a | \$119.58 | |
| 7 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 8 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 9 | Total | Sum Lns (6..8) | \$49.60 | \$31.50 | \$108.72 | \$10.86 | n/a | \$119.58 | RNWE-1 |
| | Advanced Complex DS1 and Higher Initial | | | | | | | | |
| 10 | New | ORS-11 | \$73.64 | \$57.18 | \$330.11 | \$101.60 | n/a | \$431.71 | |
| 11 | Disconnect | ORS-11 | \$45.51 | \$29.05 | \$112.93 | \$55.14 | n/a | \$168.07 | |
| 12 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 13 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 14 | Total | Sum Lns (10..13) | \$123.53 | \$88.97 | \$443.04 | \$156.75 | n/a | \$599.79 | RNWE-1 |
| | Subsequent | | | | | | | | |
| 15 | Change | ORS-11 | \$45.22 | \$28.76 | \$109.08 | \$10.86 | n/a | \$119.94 | |
| 16 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 17 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 18 | Total | Sum Lns (15..17) | \$49.60 | \$31.50 | \$109.08 | \$10.86 | n/a | \$119.94 | RNWE-1 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
CLEC Dedicated Transport**

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | | Destination |
|------------------------------|---|------------------|-----------------|----------------|--------------------------------|-----------------|-------------------|-----------------|-------------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-8 | D=FWS-11 | E=FWS-11 | F=SUM (C..E) | |
| Dedicated Transport | | | | | | | | | |
| DS0 and Fractional T1 | | | | | | | | | |
| Initial | | | | | | | | | |
| 1 | New | ORS-12 | \$62.75 | \$46.29 | \$168.49 | \$99.43 | \$121.94 | \$389.86 | |
| 2 | Disconnect | ORS-12 | \$43.87 | \$27.41 | \$112.57 | \$30.83 | \$25.55 | \$168.95 | |
| 3 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 4 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 5 | Total | Sum Lns (1..4) | \$111.00 | \$76.44 | \$281.06 | \$130.26 | \$147.49 | \$558.81 | RNWE-1 |
| Subsequent | | | | | | | | | |
| 6 | Change | ORS-12 | \$45.22 | \$28.76 | \$108.72 | \$10.86 | \$11.21 | \$130.78 | |
| 7 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 8 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 9 | Total | Sum Lns (6..8) | \$49.60 | \$31.50 | \$108.72 | \$10.86 | \$11.21 | \$130.78 | RNWE-1 |
| DS1 and Higher | | | | | | | | | |
| Initial | | | | | | | | | |
| 10 | New | ORS-12 | \$73.64 | \$57.18 | \$330.11 | \$101.60 | \$107.14 | \$538.86 | |
| 11 | Disconnect | ORS-12 | \$45.51 | \$29.05 | \$112.93 | \$55.14 | \$52.90 | \$220.97 | |
| 12 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 13 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 14 | Total | Sum Lns (10..13) | \$123.53 | \$88.97 | \$443.04 | \$156.75 | \$160.04 | \$759.83 | RNWE-1 |
| Subsequent | | | | | | | | | |
| 15 | Change | ORS-12 | \$45.22 | \$28.76 | \$109.08 | \$10.86 | \$11.21 | \$131.14 | |
| 16 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 17 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 18 | Total | Sum Lns (15..17) | \$49.60 | \$31.50 | \$109.08 | \$10.86 | \$11.21 | \$131.14 | RNWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Signaling System 7 (SS7)

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|--|---|------------------|-----------------|-----------------|--------------------------------|-----------------|----------------|-------------------|--------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-8 | D=FWS-12 | E=FWS-12 | F=SUM (C..E) | |
| Signaling System Seven (SS7) | | | | | | | | | |
| Facilities and Trunks | | | | | | | | | |
| Initial | | | | | | | | | |
| 1 | New | ORS-13 | \$196.30 | \$179.84 | \$502.54 | \$116.80 | n/a | \$619.34 | |
| 2 | Disconnect | ORS-13 | \$96.96 | \$80.50 | \$344.01 | \$54.71 | n/a | \$398.72 | |
| 3 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 4 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 5 | Total | Sum Lns (1..4) | \$297.64 | \$263.08 | \$846.55 | \$171.51 | n/a | \$1,018.06 | RNWE-1 |
| Subsequent (w/Engineering Review) | | | | | | | | | |
| 6 | Change | ORS-13 | \$79.90 | \$63.44 | \$418.63 | \$10.86 | n/a | \$429.49 | |
| 7 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 8 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 9 | Total | Sum Lns (6..8) | \$84.28 | \$66.18 | \$418.63 | \$10.86 | n/a | \$429.49 | RNWE-1 |
| Subsequent (w/out Engineering Review) | | | | | | | | | |
| 10 | Change | ORS-13 | \$79.90 | \$63.44 | \$124.44 | \$10.86 | n/a | \$135.30 | |
| 11 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 12 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 13 | Total | Sum Lns (10..12) | \$84.28 | \$66.18 | \$124.44 | \$10.86 | n/a | \$135.30 | RNWE-1 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Signaling System 7 (SS7)**

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | | Destination |
|--|---|------------------|-----------------|-----------------|--------------------------------|------------|-------------------|-----------------|-------------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | Total | |
| | | | A=Source | B=Source | C=PRO-8 | D=FWS-12 | E=FWS-12 | F=SUM (C..E) | |
| Signaling System Seven (SS7) | | | | | | | | | |
| Trunks Only | | | | | | | | | |
| Initial | | | | | | | | | |
| 14 | New | ORS-13 | \$95.28 | \$78.82 | \$416.13 | \$116.80 | n/a | \$532.93 | |
| 15 | Disconnect | ORS-13 | \$52.49 | \$36.03 | \$309.67 | \$54.71 | n/a | \$364.38 | |
| 16 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 17 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 18 | Total | Sum Lns (14..17) | \$152.15 | \$117.59 | \$725.80 | \$171.51 | n/a | \$897.31 | RNWE-1 |
| Subsequent (w/Engineering Review) | | | | | | | | | |
| 19 | Change | ORS-13 | \$50.89 | \$34.43 | \$399.05 | \$10.86 | n/a | \$409.91 | |
| 20 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 21 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 22 | Total | Sum Lns (19..21) | \$55.27 | \$37.17 | \$399.05 | \$10.86 | n/a | \$409.91 | RNWE-1 |
| Subsequent (w/o Engineering Review) | | | | | | | | | |
| 23 | Change | ORS-13 | \$50.89 | \$34.43 | \$124.44 | \$10.86 | n/a | \$135.30 | |
| 24 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 25 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 26 | Total | Sum Lns (23..25) | \$55.27 | \$37.17 | \$124.44 | \$10.86 | n/a | \$135.30 | RNWE-1 |
| STP Ports (SS7 Links) | | | | | | | | | |
| 27 | New | ORS-13 | \$196.30 | \$179.84 | \$416.13 | \$67.74 | n/a | \$483.87 | |
| 28 | Disconnect | ORS-13 | \$96.96 | \$80.50 | \$311.81 | \$23.45 | n/a | \$335.26 | |
| 29 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 30 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 31 | Total | Sum Lns (27..30) | \$297.64 | \$263.08 | \$727.94 | \$91.18 | n/a | \$819.12 | RNWE-1 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Enhanced Extended Loops (EELs)

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|---------------------------------------|---|------------------|-------------------|----------------|--------------------------------|----------------|-------------------|-----------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source B=Source | | C=PRO-9 | D=FWS-13 | E=FWS-13 | F=SUM (C..E) | |
| Enhanced Extended Loops (EELs) | | | | | | | | | |
| Advanced | | | | | | | | | |
| Basic (Loop) | | | | | | | | | |
| Initial | | | | | | | | | |
| 1 | New | ORS-14 | \$62.75 | \$46.29 | \$185.64 | \$14.33 | \$196.52 | \$396.49 | |
| 2 | Disconnect | ORS-14 | \$43.87 | \$27.41 | \$112.57 | \$14.33 | \$89.24 | \$216.14 | |
| 3 | Record Order | RORF | \$4.38 | \$4.38 | n/a | n/a | n/a | n/a | |
| 4 | OSS - Access Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 5 | Total | Sum Lns (1..4) | \$111.00 | \$78.08 | \$298.21 | \$28.66 | \$285.76 | \$612.63 | RNWE-2 |
| Subsequent | | | | | | | | | |
| 6 | Change | ORS-14 | \$45.22 | \$28.76 | \$108.72 | \$10.86 | n/a | \$119.58 | |
| 7 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 8 | OSS - Access Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 9 | Total | Sum Lns (6..8) | \$49.60 | \$31.50 | \$108.72 | \$10.86 | n/a | \$119.58 | RNWE-2 |
| Changeover (As Is) | | | | | | | | | |
| 10 | Migration As Is | ORS-14 | \$116.46 | \$83.54 | \$33.74 | n/a | n/a | \$33.74 | |
| 11 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 12 | OSS - Access Transaction Specific Costs | RFX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 13 | Total | Sum Lns (10..12) | \$120.84 | \$86.28 | \$33.74 | n/a | n/a | \$33.74 | RNWE-2 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Enhanced Extended Loops (EELs)

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|---------------------------------------|---|------------------|-----------------|----------------|--------------------------------|----------------|-------------------|-----------------|--------|
| | | | 100% Manual | Semi- Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-9 | D=FWS-13 | E=FWS-13 | F=SUM (C..E) | |
| Enhanced Extended Loops (EELs) | | | | | | | | | |
| Advanced | | | | | | | | | |
| Complex - DS0 | | | | | | | | | |
| Initial | | | | | | | | | |
| 14 | New | ORS-14 | \$62.75 | \$46.29 | \$185.64 | \$13.89 | \$134.15 | \$333.68 | |
| 15 | Disconnect | ORS-14 | \$43.87 | \$27.41 | \$112.57 | \$31.26 | \$51.67 | \$195.50 | |
| 16 | Record Order | RORF | \$4.38 | \$4.38 | n/a | n/a | n/a | n/a | |
| 17 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 18 | Total | Sum Lns (14..17) | \$111.00 | \$78.08 | \$298.21 | \$45.15 | \$185.82 | \$529.18 | RNWE-2 |
| Subsequent | | | | | | | | | |
| 19 | Change | ORS-14 | \$45.22 | \$28.76 | \$108.72 | \$10.86 | n/a | \$119.58 | |
| 20 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 21 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 22 | Total | Sum Lns (19..21) | \$49.60 | \$31.50 | \$108.72 | \$10.86 | n/a | \$119.58 | RNWE-2 |
| Changeover (As Is) | | | | | | | | | |
| 23 | Migration As Is | ORS-14 | \$116.46 | \$83.54 | \$33.74 | n/a | n/a | \$33.74 | |
| 24 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 25 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 26 | Total | Sum Lns (23..25) | \$120.84 | \$86.28 | \$33.74 | n/a | n/a | \$33.74 | RNWE-2 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Enhanced Extended Loops (EELs)

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|---------------------------------------|---|------------------|-------------------|----------------|--------------------------------|----------|----------------|-----------------|--------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source B=Source | | C=PRO-9 | D=FWS-13 | E=FWS-13 | F=SUM (C..E) | |
| Enhanced Extended Loops (EELs) | | | | | | | | | |
| Advanced | | | | | | | | | |
| Complex - DS1/DS3 | | | | | | | | | |
| Initial | | | | | | | | | |
| 27 | New | ORS-14 | \$73.64 | \$57.18 | \$219.11 | \$191.92 | \$117.22 | \$528.25 | |
| 28 | Disconnect | ORS-14 | \$45.51 | \$29.05 | \$112.93 | \$52.54 | \$76.42 | \$241.89 | |
| 29 | Record Order | RORF | \$4.38 | \$4.38 | n/a | n/a | n/a | n/a | |
| 30 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 31 | Total | Sum Lns (27..30) | \$123.53 | \$90.61 | \$332.04 | \$244.46 | \$193.64 | \$770.14 | RNWE-2 |
| Subsequent | | | | | | | | | |
| 32 | Change | ORS-14 | \$45.22 | \$28.76 | \$109.08 | \$10.86 | n/a | \$119.94 | |
| 33 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 34 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 35 | Total | Sum Lns (32..34) | \$49.60 | \$31.50 | \$109.08 | \$10.86 | n/a | \$119.94 | RNWE-2 |
| Changeover (As Is) | | | | | | | | | |
| 36 | Migration As Is | ORS-14 | \$128.99 | \$96.07 | \$33.74 | n/a | n/a | \$33.74 | |
| 37 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 38 | OSS - Access Transaction Specific Costs | RFIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 39 | Total | Sum Lns (36..38) | \$133.37 | \$98.81 | \$33.74 | n/a | n/a | \$33.74 | RNWE-2 |
| Multiplexing | | | | | | | | | |
| 40 | DS-1 to Voice | ORS-14 | n/a | n/a | n/a | \$139.38 | \$0.00 | \$139.38 | RNWE-2 |
| 41 | DS-3 to DS-1 | ORS-14 | n/a | n/a | n/a | \$170.64 | \$0.00 | \$170.64 | RNWE-2 |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Dark Fiber**

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | Destination | |
|---|---|------------------|----------------|----------------|--------------------------------|----------------|----------------|-----------------|--------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | | Total |
| | | | A=Source | B=Source | C=PRO-10 | D=FWS-14 | E=FWS-14 | | F=Sum (C..E) |
| Advanced Dark Fiber Preordering | | | | | | | | | |
| 1 | Exchange Facilities | ORS-15 | \$3.15 | \$3.15 | \$206.76 | n/a | n/a | \$206.76 | |
| 2 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 3 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 4 | Total | Sum Lns (1..3) | \$7.53 | \$5.89 | \$206.76 | n/a | n/a | \$206.76 | ROWF |
| 5 | Inter-office Facilities | ORS-15 | \$3.15 | \$3.15 | \$402.77 | n/a | n/a | \$402.77 | |
| 6 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 7 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 8 | Total | Sum Lns (5..7) | \$7.53 | \$5.89 | \$402.77 | n/a | n/a | \$402.77 | ROWF |
| UNE Inter-office Dedicated Transport | | | | | | | | | |
| 9 | New | ORS-15 | \$55.50 | \$55.50 | \$64.15 | \$35.02 | n/a | \$99.17 | |
| 10 | Disconnect | ORS-15 | \$28.30 | \$28.30 | \$64.15 | \$35.02 | n/a | \$99.17 | |
| 11 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 12 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 13 | Total | Sum Lns (9..12) | \$88.18 | \$86.54 | \$128.30 | \$70.04 | n/a | \$198.34 | RNWF-2 |
| Unbundled Loop | | | | | | | | | |
| 14 | New | ORS-15 | \$55.50 | \$55.50 | \$64.15 | \$15.38 | \$18.67 | \$98.20 | |
| 15 | Disconnect | ORS-15 | \$28.30 | \$28.30 | \$64.15 | \$15.38 | \$18.67 | \$98.20 | |
| 16 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 17 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 18 | Total | Sum Lns (14..17) | \$88.18 | \$86.54 | \$128.30 | \$30.76 | \$37.34 | \$196.40 | RNWE-2 |
| Subloop Feeder | | | | | | | | | |
| 19 | New | ORS-15 | \$55.50 | \$55.50 | \$64.15 | \$15.38 | \$18.67 | \$98.20 | |
| 20 | Disconnect | ORS-15 | \$28.30 | \$28.30 | \$64.15 | \$15.38 | \$18.67 | \$98.20 | |
| 21 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 22 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 23 | Total | Sum Lns (19..22) | \$88.18 | \$86.54 | \$128.30 | \$30.76 | \$37.34 | \$196.40 | RNWE-2 |
| Subloop Distribution | | | | | | | | | |
| 24 | New | ORS-15 | \$55.50 | \$55.50 | \$64.15 | n/a | \$37.34 | \$101.49 | |
| 25 | Disconnect | ORS-15 | \$28.30 | \$28.30 | \$64.15 | n/a | \$37.34 | \$101.49 | |
| 26 | Record Order | RORF | \$4.38 | \$2.74 | n/a | n/a | n/a | n/a | |
| 27 | OSS - Access Transaction Specific Costs | RPIX | tbd | tbd | n/a | n/a | n/a | n/a | |
| 28 | Total | Sum Lns (24..27) | \$88.18 | \$86.54 | \$128.30 | n/a | \$74.68 | \$202.98 | RNWF-2 |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Coordinated Conversions

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | | Coordinated Conversions | | Destination |
|---|--------------|-----------------|-------------|------------|--------------------------------|---------|----------------|--------------|-------------------------|------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | 100% Manual | Semi-Mech. | |
| | | | A=Source | B=Source | C=PRO-5 | D=FWS-8 | E=FWS-8 | F=SUM (C..E) | G=A+F | H=B+F | |
| Coordinated Conversions Exchange Standard Interval | | | | | | | | | | | |
| 1 | Process 1 | ORS-8 | \$2.45 | \$2.45 | \$2.96 | n/a | n/a | \$2.96 | | | |
| 2 | Process 2 | ORS-8 | n/a | n/a | \$8.87 | \$7.24 | n/a | \$16.11 | | | |
| 3 | Process 3 | ORS-8 | n/a | n/a | n/a | \$3.62 | \$11.21 | \$14.83 | | | |
| 4 | Total | Sum Lns (1..3) | \$2.45 | \$2.45 | \$11.83 | \$10.86 | \$11.21 | \$33.89 | \$36.34 | \$36.34 | RMWE |
| Additional Interval | | | | | | | | | | | |
| 5 | Process 2 | ORS-8 | n/a | n/a | \$8.87 | \$10.86 | n/a | \$19.73 | | | |
| 6 | Process 3 | ORS-8 | n/a | n/a | n/a | n/a | \$11.21 | \$11.21 | | | |
| 7 | Total | Ln 5 + Ln 6 | n/a | n/a | \$8.87 | \$10.86 | \$11.21 | \$30.94 | \$30.94 | \$30.94 | RMWE |
| Advanced Standard Interval | | | | | | | | | | | |
| 8 | Process 1 | ORS-8 | \$2.45 | \$2.45 | \$2.96 | n/a | n/a | \$2.96 | | | |
| 9 | Process 2 | ORS-8 | n/a | n/a | \$8.87 | \$7.24 | n/a | \$16.11 | | | |
| 10 | Process 3 | ORS-8 | n/a | n/a | n/a | \$3.62 | \$11.21 | \$14.83 | | | |
| 11 | Total | Sum Lns (8..10) | \$2.45 | \$2.45 | \$11.83 | \$10.86 | \$11.21 | \$33.89 | \$36.34 | \$36.34 | RMWE |
| Additional Interval | | | | | | | | | | | |
| 12 | Process 2 | ORS-8 | n/a | n/a | \$8.87 | \$10.86 | n/a | \$19.73 | | | |
| 13 | Process 3 | ORS-8 | n/a | n/a | n/a | n/a | \$11.21 | \$11.21 | | | |
| 14 | Total | Ln 12 + Ln 13 | n/a | n/a | \$8.87 | \$10.86 | \$11.21 | \$30.94 | \$30.94 | \$30.94 | RMWE |

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Hot Cut Coordinated Conversions**

| Ln | Description | Source | Ordering | | Service Connection - Per Order | | | | Hot Cut Coordinated Conversions | | Destination |
|---|--------------|-----------------|-------------|------------|--------------------------------|---------|----------------|--------------|---------------------------------|------------|-------------|
| | | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | 100% Manual | Semi-Mech. | |
| | | | A=Source | B=Source | C=PRO-5 | D=FWS-9 | E=FWS-9 | F=Sum (C..E) | G=A+F | H=B+F | |
| Hot Cut Coordinated Conversions Exchange Standard Interval | | | | | | | | | | | |
| 1 | Process 1 | ORS-9 | \$2.45 | \$2.45 | \$2.96 | n/a | n/a | \$2.96 | | | |
| 2 | Process 2 | ORS-9 | n/a | n/a | \$35.49 | \$28.95 | n/a | \$64.44 | | | |
| 3 | Process 3 | ORS-9 | n/a | n/a | n/a | \$14.47 | \$44.83 | \$59.30 | | | |
| 4 | Total | Sum Lns (1..3) | \$2.45 | \$2.45 | \$38.45 | \$43.42 | \$44.83 | \$126.70 | \$129.15 | \$129.15 | RMWE |
| Additional Interval | | | | | | | | | | | |
| 5 | Process 2 | ORS-9 | n/a | n/a | \$8.87 | \$10.86 | n/a | \$19.73 | | | |
| 6 | Process 3 | ORS-9 | n/a | n/a | n/a | n/a | \$11.21 | \$11.21 | | | |
| 7 | Total | Ln 5 + Ln 6 | n/a | n/a | \$8.87 | \$10.86 | \$11.21 | \$30.94 | \$30.94 | \$30.94 | RMWE |
| Advanced Standard Interval | | | | | | | | | | | |
| 8 | Process 1 | ORS-9 | \$2.45 | \$2.45 | \$2.96 | n/a | n/a | \$2.96 | | | |
| 9 | Process 2 | ORS-9 | n/a | n/a | \$35.49 | \$28.95 | n/a | \$64.44 | | | |
| 10 | Process 3 | ORS-9 | n/a | n/a | n/a | \$14.47 | \$44.83 | \$59.30 | | | |
| 11 | Total | Sum Lns (8..10) | \$2.45 | \$2.45 | \$38.45 | \$43.42 | \$44.83 | \$126.70 | \$129.15 | \$129.15 | RMWE |
| Additional Interval | | | | | | | | | | | |
| 12 | Process 2 | ORS-9 | n/a | n/a | \$8.87 | \$10.86 | n/a | \$19.73 | | | |
| 13 | Process 3 | ORS-9 | n/a | n/a | n/a | n/a | \$11.21 | \$11.21 | | | |
| 14 | Total | Ln 12 + Ln 13 | n/a | n/a | \$8.87 | \$10.86 | \$11.21 | \$30.94 | \$30.94 | \$30.94 | RMWE |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Expedites and Other Charges

| Description | Source | Ordering | | Service Connection - Per Order | | | | Expedites and Other Charges | | Destination |
|---|--------|-------------|------------|--------------------------------|----------|----------------|--------------|-----------------------------|------------|-------------|
| | | 100% Manual | Semi-Mech. | Provis. | CO Work | Field Install. | Total | 100% Manual | Semi-Mech. | |
| | | A=Source | B=Source | C=PRO-6 | D=FWS-10 | E=FWS-10 | F=Sum (C..E) | G=A+F | H=B+F | |
| Expedites | | | | | | | | | | |
| UNE Loop/Port | | | | | | | | | | |
| Exchange Services | ORS-10 | \$4.57 | \$4.57 | n/a | n/a | n/a | n/a | \$4.57 | \$4.57 | RMWE |
| Advanced/Special Services | ORS-10 | \$4.57 | \$4.57 | \$31.02 | n/a | n/a | \$31.02 | \$35.59 | \$35.59 | RMWE |
| Other Charges | | | | | | | | | | |
| Customer Service Record Search (per account) | ORS-10 | \$5.73 | n/a | n/a | n/a | n/a | n/a | \$5.73 | n/a | RMWE |
| CLEC Account Establishment (per CLEC) | ORS-10 | \$226.38 | \$226.38 | n/a | n/a | n/a | n/a | \$226.38 | \$226.38 | RMWE |
| No Access Customer Will Advise | ORS-10 | \$22.05 | \$22.05 | n/a | n/a | \$56.04 | \$56.04 | \$78.09 | \$78.09 | RMWE |

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Ordering Factors

| Ln | Description | Source | Ordering | | Destination |
|----|--|-------------|----------------|----------------|---|
| | | | 100% Manual | Semi- Mech. | |
| | | | A=Source | B=Source | |
| | Order Weighting | | | | |
| | Preordering | | | | |
| 1 | Preordering | ORS-10 | \$4.04 | n/a | |
| 2 | Occurrence Rate | Note 1 | 50% | n/a | |
| 3 | Weighted Preordering | Ln 1*Ln 2 | \$2.02 | n/a | RUBL-1..5, RUBP-1..4, RUNP-1..4, RUSL-1, 2, RNID, RUHR |
| | UNE Loop/Port | | | | |
| 4 | Record Order | ORS-10 | \$11.93 | \$8.51 | |
| 5 | Occurrence Rate | Note 1 | 10% | 10% | |
| 6 | Weighted Record Order | Ln 4*Ln 5 | \$1.19 | \$0.85 | RUBL-1..5, RUBP-1..4, RUSL-1, 2, RLSH, RINP, RNID, RUHR |
| | UNE Combinations (Loop/Port) Only | | | | |
| 7 | Record Order | ORS-7 | \$9.62 | \$6.20 | |
| 8 | Occurrence Rate | Note 1 | 10% | 10% | |
| 9 | Weighted Record Order | Ln 7*Ln 8 | \$0.96 | \$0.62 | RUNP-1..4 |
| | Network Wholesale Elements | | | | |
| 10 | Record Order | ORS-11 | \$43.83 | \$27.37 | |
| 11 | Occurrence Rate | Note 1 | 10% | 10% | |
| 12 | Weighted Record Order | Ln 10*Ln 11 | \$4.38 | \$2.74 | RUDF, RCDT, RIDT, RSS7-1, 2, REEL-1..3 |

Note 1: Weighting Factors provided by Product Management.

**Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Fixed Costs**

| Ln | Description | Source | Total Cost | National Total Cost | Unit Volume | Cost Per LSR | Destination |
|-------------------------|--|---------------|--------------|---------------------|-------------|--------------|---|
| | | | A=Source | B=Source | C=Source | D=Source | |
| Ordering | | | | | | | |
| 1 | NMC Shared/Fixed Costs | ORS-17 | \$18,648,430 | | | | |
| OSS | | | | | | | |
| 2 | Local Wholesale Transaction Specific Costs | Note 1 OSS | | TBD | | | |
| 3 | Access Transaction Specific Costs | OSS | | TBD | | | |
| Transition Costs | | | | | | | |
| 4 | Incurred Transition Costs | OSS | | TBD | | | |
| 5 | Capitalized OSS Transition Costs | OSS | | TBD | | | |
| 6 | Wholesale IT/DP Costs | OSS | | TBD | | | |
| 7 | Access IT/DP Costs | OSS | | TBD | | | |
| 8 | Total Transition Costs | Sum Lns(4..7) | | TBD | | | |
| Order Volumes | | | | | | | |
| 9 | Local Wholesale Order Volume - 5-Year Total | OSS | | | 20,848,804 | | |
| 10 | Local Wholesale Order Volume - Annual Average | OSS | | | 4,169,761 | | |
| 11 | Access Order Volume - 5-Year Total | OSS | | | TBD | | |
| 12 | Access Order Volume - Annual Average | OSS | | | TBD | | |
| 13 | NMC Shared/Fixed Costs | Ln 1/Ln 10 | | | | \$4.47 | RUBL-1..5, RUBP-1..4, RUNP-1..4, RUSL-1, 2, RLSH, RINP, RNID, RUHR |
| 14 | OSS - Local Wholesale Transaction Specific Costs | | | | | TBD | RUBL-1..5, RUBP-1..4, RUNP-1..4, RUSL-1, 2, RLSH, RINP, RUHR |
| 15 | OSS - Access Transaction Specific Costs | | | | | TBD | RUDE, RCDT, RIDT, RSS7-1, 2, REEL-1..3, RNID, |
| 16 | OSS - Transition Costs | | | | | TBD | RUDE, RCDT, RIDT, RSS7-1, 2, REEL-1..3, RUBL-1..5, RUBP-1..4, RUNP-1..4, RUSL, RLSH, RINP, RNID |
| Line Sharing | | | | | | | |
| 17 | Line Sharing Unit Volume - 3-Year Forecasted Total | MLPQ | | | 2,005,062 | | |
| 18 | MLPQ 2000 Incurred Transition Costs | MLPQ | | \$1,014,098 | | | |
| 19 | Mechanized Loop Pre-Qualification | Ln 18/Ln 17 | | | | \$0.51 | RLSH |

Note 1: OSS costs are not included in rate element development at this time. Florida OSS costs will be addressed in a separate proceeding.