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November 19, 2001

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Ms. Blanca S. Bayo, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Docket No. 990649B-TP
Investigation into Pricing of Unbundled Network Elements

Dear Ms. Bayo:

Per Commission Staff's request, enclosed for filing in the above matter are one confidential paper copy and three redacted paper copies of Verizon Florida Inc.'s Integrated Cost Model Study (ICM-FL) and UNE Wholesale Non-Recurring Study (NRC-FL). The studies are contained on CDs filed November 7, 2001 in this proceeding. The enclosed confidential paper copy is covered under Verizon's Notice of Intent to Seek Confidential Classification also filed on November 7.

Questions regarding the ICM-FL study can be directed to David Elhoffer in Verizon's Service Cost Group at 636-332-3790. Questions regarding the NRC-FL study can be directed to Tony Hutton at 972-718-8580.

Sincerely,

Kimberly Caswell

KC:tas
Enclosures

DNs 14674-01 & ~~14675-01~~ (ICM-FL) Part 1+2
14678-01 & ~~14679-01~~ (NRC-FL) Parts 1-6 Volumes

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Service Costs

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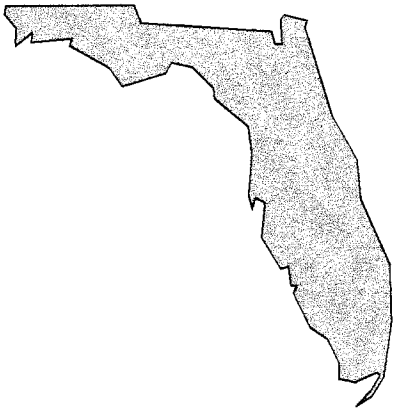

Wholesale UNE
Non-recurring Study
Model 4.3

Docket No. 990649-TP (B)
Order No. PSC-00-1486-PCO-TP

Non-Proprietary

Book
1 of 2

Filed – 11-07-01

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Wholesale Non-recurring Study

Florida

Docket Number 990649-TP (B)

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	3-9
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

1- SUMMARY

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Wholesale Non-recurring Study

Florida

Docket Number 990649-TP (B)

Table of Exhibits - Summary by Page

	Exhibit Name	Page
Summary Narrative		1
Rate Summary	RLWE	30
Rate Summary	RNWE	32
Rate Summary	RMWE	34
Dark Fiber - Service Inquiry	RDFF	35
Order Weighting Factors	ROWF	36
Unbundled Loop	RUBL	37
Unbundled Port	RUBP	42
UNE-Platforms (UNE-Ps)	RUNP	46
Subloop	RUSL	50
Line Sharing	RLSH	52
Loop Conditioning	RLCC	53
Line and Station Transfer	RLST	54
Interim Number Portability (INP)	RINP	55
Unbundled Network Interface Device (NID)	RNID	56
Unbundled House and Riser	RUHR	57
Inter-office Dedicated Transport	RIDT	58
CLEC Dedicated Transport	RCDT	59
Signaling System 7 (SS7)	RSS7	60
Enhanced Extended Loops (EELs)	REEL	61
Dark Fiber	RUDF	65
Coordinated Conversions	RCOC	66
Hot Cut Coordinated Conversions	RHCC	67
Expedites and Other Charges	REXP	68
Ordering Factors	RORF	69
Fixed Costs	RFIX	70

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP (B)

Table of Exhibits - Summary by Page

	Exhibit Name	Page
Summary Narrative		1
CLEC Dedicated Transport	RCDT	59
Coordinated Conversions	RCOC	66
Dark Fiber - Service Inquiry	RDFF	35
Enhanced Extended Loops (EELs)	REEL	61
Expedites and Other Charges	REXP	68
Fixed Costs	RFIX	70
Hot Cut Coordinated Conversions	RHCC	67
Inter-office Dedicated Transport	RIDT	58
Interim Number Portability (INP)	RINP	55
Loop Conditioning	RLCC	53
Line Sharing	RLSH	52
Line and Station Transfer	RLST	54
Rate Summary	RLWE	30
Rate Summary	RMWE	34
Unbundled Network Interface Device (NID)	RNID	56
Rate Summary	RNWE	32
Ordering Factors	RORF	69
Order Weighting Factors	ROWF	36
Signaling System 7 (SS7)	RSS7	60
Unbundled Loop	RUBL	37
Unbundled Port	RUBP	42
Dark Fiber	RUDF	65
House and Riser	RUHR	57
UNE-Platforms (UNE-Ps)	RUNP	46
Subloop	RUSL	50

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 (B). 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.

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.

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

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 **bold** 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.***

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:

- *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).

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

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.

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

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

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 APC 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.

UNE Category Table

The table below shows each category and its associated UNEs:

Exchange-Basic	*Exchange-Complex*	*Special/Advanced-Basic*	*Special/Advanced-Complex*
• 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)	• 2-Wire Digital Capable Loop • Loop Conditioning • CentraNet Port • ISDN BRI Digital Line Side Port • Line Sharing • Line and Station Transfer	• 2-Wire Digital Loop • 4-Wire Voice Grade Loop • 4-Wire Digital Loop • Entrance Facilities (DS0)	• 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)

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

over copper facilities that contain no load coils and minimum allowable bridged taps. Loop Conditioning rates are in addition to loop ordering and service connection rates.

- *4-wire Digital Loop* is a 4-wire copper facility suitable for the transport of digital signaling. 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. 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.

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 .

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.

Line Sharing - Not included in this filing

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.

Line and Station Transfer (LST)

Exchange Complex

LST is to be applied when copper facilities can be freed up in order to satisfy a CLEC's request for a copper based technology. Line and Station Transfers *"are not ordered by the CLEC"*, rather, Verizon determines whether to perform this type of a facility modification when attempting to provision a *pre-qualified* facility for xDSL. Line and Station Transfers can involve the *"swapping of customer from a DLC to spare copper"*. It may also involved *"the rearrangement of an existing Verizon customer off a copper facility and onto a fiber supported DLC in order to free up the copper facility for a CLEC"* who needs the loop for an xDSL offering. Line and Station Transfers are not replacements for loop conditioning requests (the removal of load coils and/or bridged taps). Line and Station Transfers are applicable only to customers being served by DLC's.

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

- *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 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 APC 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 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 fascimile) pre-ordering activities; semi-mechanized (received electronically) pre-orders are not charged.

Record Order

Record orders change information, such as billing address, on a customers 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 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 (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)
- 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. Multiplexing is the division of two or more channels into one single channel for transmission over the telecommunications network. The NRC rates are for costs based on the multiplexing of DS-3 to DS-1 signaling. The multiplexing costs reflect the labor cost for a central office technician to install jumpers on the DSX panel. 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.

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.

ACRONYM	*DEFINITION*
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.
CDT	CLEC Dedicated Transport
CEV	Controlled Environmental Volt
CKT ID	Circuit Identifier
CLASS	Custom Local Area Signaling Service
CLEC	Competitive Local Exchange Carrier

ACRONYM	*DEFINITION*
CLR/DLR	Circuit/Design Layout Reports
CMDS	Centralized Message Distribution System - System used to interexchange out-collect 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	Database Administration Center
DBM	Database 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
DRC	Dispatch Resource Center
DRM	Division Resource Management
DSAL	Dedicated Switched Access Lines
DSAT	Dedicated Switched Access Transport
DSX	Digital System Cross-connect frame.
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.
EXACT/TUF	Exchange Access Control and Tracking/Translation to USOCS and Fids
FDI	Feeder/Distribution Interface
FIFO	First In First Out

ACRONYM	*DEFINITION*
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
LBSC	Large Business Support Center
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
LST	Line and Station Transfer
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
MOG	Mass Order Generator
MRC	Monthly Recurring Charge
MUTS	Mechanized Uncollectibles Tracking System - System used to track uncollectible revenues.
NACC	National Access Customer Center
NASSC	National Access Subscription Services Center
NCBD	National Customer Bill Development - Responsible for bill formatting, pricing, and bill redesign.
NID	Network Interface Device

ACRONYM	*DEFINITION*
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
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

ACRONYM	*DEFINITION*
SODA/ DDM	Service Order Distribution and Analysis/Due Date Management systems
SOE	Scheduler/Screener
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
VFAC	Virtual Facilities Assignment Center
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.

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

Description	Ordering		Service Connection	
	100% Manual	Semi-Mech.	Initial Unit	Addt'l Unit
Unbundled Loop				
Exchange - Basic - Initial	$56.07	$36.91	$102.84	$100.23
Exchange - Basic - Subsequent	$22.82	$15.41	$19.57	$19.15
Exchange - Complex Non-digital - Initial	$56.07	$36.91	$102.84	$100.23
Exchange - Complex Non-digital - Subsequent	$22.82	$15.41	$19.57	$19.15
Exchange - Complex Digital - Initial	$56.07	$36.91	$102.84	$100.23
Exchange - Complex Digital - Subsequent	$22.82	$15.41	$19.57	$19.15
Advanced - Basic - Initial	$56.07	$36.91	$627.09	$536.58
Advanced - Basic - Subsequent	$22.82	$15.41	$97.95	$55.55
Advanced - Complex Digital - Initial	$64.43	$36.91	$779.92	$689.41
Advanced - Complex Digital - Subsequent	$22.82	$15.41	$112.99	$70.59
Unbundled Port				
Exchange - Basic - Initial	$51.54	$32.38	$45.68	$44.84
Exchange - Basic - Subsequent (Port Feature)	$27.94	$20.53	$2.40	$2.40
Exchange - Basic - Subsequent (CO Connection)	$22.82	$15.41	$19.57	$19.15
Exchange - Complex Non-digital - Initial	$70.27	$42.75	$127.27	$60.93
Exchange - Complex Non-digital -Subsequent (Port Feature)	$38.31	$30.90	$8.72	$8.72
Exchange - Complex Non-digital - Subsequent (Switch Feature Group)	$46.67	$30.90	$42.20	$10.05
Exchange - Complex Non-digital - Subsequent (CO Connection)	$22.82	$15.41	$19.57	$19.15
Exchange - Complex Digital - Initial	$70.27	$42.75	$113.35	$47.01
Exchange - Complex Digital - Subsequent (Port Feature)	$38.31	$30.90	$11.87	$11.87
Exchange - Complex Digital - Subsequent (Switch Feature Group)	$46.67	$30.90	$42.20	$10.05
Exchange - Complex Digital - Subsequent (CO Connection)	$22.82	$15.41	$19.57	$19.15
Advanced - Complex - Initial	$82.54	$55.02	$406.09	$321.29
Advanced - Complex - Subsequent	$26.39	$18.98	$112.99	$70.59

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

Description	Ordering		Service Connection	
	100% Manual	Semi-Mech.	Initial Unit	Addt'l Unit
UNE Platforms (UNE-Ps)				
Exchange - Basic - Subsequent	$22.99	$16.63	$1.89	$1.89
Exchange - Basic - Changeover (As Specified)	$28.20	$19.55	$13.61	$13.61
Exchange - Complex Non-digital - Subsequent (Line Feature)	$22.99	$16.63	$8.72	$8.72
Exchange - Complex Non-digital - Subsequent (Switch Feature Group)	$31.35	$16.63	$42.20	n/a
Exchange - Complex Non-digital - Changeover (As Specified)	$42.50	$25.49	$39.53	$7.38
Exchange - Complex Digital - Subsequent (Line Feature)	$22.99	$16.63	$11.87	$11.87
Exchange - Complex Digital - Subsequent (Switch Feature Group)	$31.35	$16.63	$42.20	n/a
Exchange - Complex Digital - Changeover (As Specified)	$42.50	$25.49	$40.14	$7.99
Advanced - Complex - Subsequent	$34.48	$19.76	$122.64	$80.66
Advanced - Complex - Changeover (As Specified)	$62.27	$45.26	$156.16	$114.18
Subloop				
Exchange - FDI Feeder Connection - Initial	$56.07	$36.91	$67.52	$39.20
Exchange - FDI Feeder Connection - Subsequent	$22.82	$15.41	$30.42	$13.21
Exchange - FDI Distribution Connection - Initial	$56.07	$36.91	$99.88	$72.40
Exchange - FDI Distribution Connection - Subsequent	$22.82	$15.41	$30.42	$13.21
Serving Terminal Connection - Initial	$56.07	$36.91	$47.65	$27.93
Serving Terminal Connection - Subsequent	$22.82	$15.41	$24.12	$11.83
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	$2,188.71	$52.62
Load Coil Removal Only	n/a	n/a	$2,789.47	$109.68
Bridged Tap and Load Coil Removal	n/a	n/a	$3,507.56	$162.30
Line and Station Transfer				
Line and Station Transfer	n/a	n/a	$1,108.71	$25.49
Interim Number Portability (INP)				
Exchange - Initial	$48.24	$29.07	$17.34	$17.34
Exchange - Subsequent	$25.15	$17.73	$9.92	$9.92

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	$51.39	$37.70	$2.20	n/a
Unbundled House and Riser				
Exchange	$67.13	$47.97	$67.23	n/a
Inter-office Dedicated Transport				
Advanced - Basic - Initial	$157.18	$95.08	$542.25	n/a
Advanced - Basic - Subsequent	$74.99	$42.46	$133.60	n/a
Advanced - Basic - Changeover (As Is) - EELs Only	tbd	tbd	tbd	n/a
Advanced - Basic - Changeover (As Is) - MOG - EELs Only	tbd	tbd	tbd	n/a
Advanced - Complex - Initial	$174.68	$112.58	$719.32	n/a
Advanced - Complex - Subsequent	$74.99	$42.46	$144.81	n/a
Advanced - Complex - Changeover (As Is) - EELs Only	tbd	tbd	tbd	n/a
Advanced - Complex - Changeover (As Is) - MOG - EELs Only	tbd	tbd	tbd	n/a
CLEC Dedicated Transport				
Entrance Facility/Dedicated Transport DS0 - Initial	$157.18	$95.08	$713.44	n/a
Entrance Facility/Dedicated Transport DS0 - Subsequent	$74.99	$42.46	$161.10	n/a
Entrance Facility/Dedicated Transport DS1/DS3 - Initial	$174.68	$112.58	$904.59	n/a
Entrance Facility/Dedicated Transport DS1/DS3 - Subsequent	$74.99	$42.46	$160.23	n/a
Signaling System Seven (SS7)				
Facilities and Trunks - Initial	$412.44	$350.34	$1,254.51	n/a
Facilities and Trunks - Subsequent (w/Engineering Review)	$121.91	$89.38	$540.10	n/a
Facilities and Trunks - Subsequent (w/o Engineering Review)	$121.91	$89.38	$180.95	n/a
Trunks Only - Initial	$216.97	$154.87	$1,112.92	n/a
Trunks Only - Subsequent (w/Engineering Review)	$81.73	$49.20	$513.02	n/a
Trunks Only - Subsequent (w/o Engineering Review)	$81.73	$49.20	$180.95	n/a
STP Ports (SS7 Links)	$412.44	$350.34	$1,023.55	n/a

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

Description	Ordering		Service Connection *	
	100% Manual	Semi-Mech.	Initial Unit	Addt'l Unit
Enhanced Extended Links (EELs)				
Advanced - Basic - Initial	$157.18	$98.04	$721.06	n/a
Advanced - Basic - Subsequent	$74.99	$42.46	$145.68	n/a
Advanced - Basic - Changeover (As Is)	$161.87	$99.77	$41.64	n/a
Advanced - Basic - Changeover (As Is) - MOG	$7.52	$4.56	$41.64	n/a
DS0 - Initial	$157.18	$98.04	$637.82	n/a
DS0 - Subsequent	$74.99	$42.46	$145.68	n/a
DS0 - Changeover (As Is)	$161.87	$99.77	$41.64	n/a
DS0 - Changeover (As Is) - MOG	$7.52	$4.56	$41.64	n/a
DS1/DS3 - Initial	$174.68	$115.54	$931.87	n/a
DS1/DS3 - Subsequent	$74.99	$42.46	$144.81	n/a
DS1/DS3 - Changeover (As Is)	$179.37	$117.27	$41.64	n/a
DS1/DS3 - Changeover (As Is) - MOG	$7.52	$4.56	$41.64	n/a
Multiplexing - DS3 to DS1	n/a	n/a	$165.70	n/a
Dark Fiber				
Advanced - Service Inquiry Charge	$528.39	$525.43	n/a	n/a
Advanced - UNE Inter-office Dedicated Transport	$113.96	$111.00	$234.29	n/a
Advanced - Unbundled Loop	$113.96	$111.00	$238.06	n/a
Advanced - Subloop Feeder	$113.96	$111.00	$238.06	n/a
Advanced - Subloop Distribution	$113.96	$111.00	$245.63	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	Addt'l Unit
Coordinated Conversions				
Exchange - Standard Interval	$43.02	$43.02	n/a	n/a
Exchange - Additional Interval	$35.48	$35.48	n/a	n/a
Advanced - Standard Interval	$43.02	$43.02	n/a	n/a
Advanced - Additional Interval	$35.48	$35.48	n/a	n/a
Hot-Cut Coordinated Conversions				
Exchange - Standard Interval	$149.45	$149.45	n/a	n/a
Exchange - Additional Interval	$35.48	$35.48	n/a	n/a
Advanced - Standard Interval	$149.45	$149.45	n/a	n/a
Advanced - Additional Interval	$35.48	$35.48	n/a	n/a
Expedites				
UNE Loop/Port - Exchange Services	$5.69	$5.69	n/a	n/a
UNE Loop/Port - Advanced Services	$43.97	$43.97	n/a	n/a
Other Charges				
Customer Record Search (per account)	$7.13	n/a	n/a	n/a
CLEC Account Establishment (per CLEC)	$281.82	$281.82	n/a	n/a
No Access Customer Will Advise	$90.33	$90.33	n/a	n/a

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

Ln	Description	Source	Weighted Units						
			Ordering		Service Connection				
			Manual Weighted Units	Semi-Mech. Weighted Units	Initial Weighted Units	Addt'l Weighted Units	Service Inquiry 100% Manual	Service Inquiry Semi-Mech.	Destination
			A=Source	B=Source	C=Source	D=Source	E=A+C	F=B+C	
	Advanced Dark Fiber Preordering								
1	Exchange Facilities	ROWF	$2.80	$2.06	$76.02	n/a			
2	Inter-office Facilities	ROWF	$8.39	$6.17	$441.20	n/a			
3	**Total**	Ln 1 + Ln 2	$11.18	$8.22	$517.21	n/a	**$528.39**	**$525.43**	RNWS-2

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

Ln	Description	Source	Ordering		Service Connection		Weighting Factor	Weighting				Destination
								Ordering		Service Connection		
			100% Manual	Semi-Mech.	Initial Unit	Addt'l Unit		Manual Weighted Units	Semi-Mech. Weighted Units	Initial Weighted Units	Addt'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	$11.18	$8.22	$304.06	n/a	25.00%	**$2.80**	**$2.06**	**$76.02**	**n/a**	RDFF
2	Inter-office Facilities	RUDF	$11.18	$8.22	$588.26	n/a	75.00%	**$8.39**	**$6.17**	**$441.20**	**n/a**	RDFF
3	**Total**	Ln 1+Ln 2						$11.18	$8.22	$517.21	n/a	
	Loop Conditioning											
	Bridged Tap Removal											
4	One Occurrence	RLCC	n/a	n/a	$1,892.55	$30.06	50.00%	n/a	n/a	$946.28	$15.03	
5	Multiple Occurrences	RLCC	n/a	n/a	$2,484.87	$75.18	50.00%	n/a	n/a	$1,242.44	$37.59	
6	**Total**	Ln 4+Ln 5						**n/a**	**n/a**	**$2,188.71**	**$52.62**	RLWE-2
	Bridged Tap/Load Coil Combination											
7	One Occurrence	RLCC	n/a	n/a	$3,211.40	$139.74	50.00%	n/a	n/a	$1,605.70	$69.87	
8	Multiple Occurrences	RLCC	n/a	n/a	$3,803.72	$184.86	50.00%	n/a	n/a	$1,901.86	$92.43	
	Total	Ln 7+Ln 8						**n/a**	**n/a**	**$3,507.56**	**$162.30**	RLWE-2
	Line and Station Transfer											
	Vacant Transfer	RLST	n/a	n/a	$1,107.24	$24.02	50.00%	n/a	n/a	$553.62	$12.01	
	In-Use Transfer	RLST	n/a	n/a	$1,110.18	$26.96	50.00%	n/a	n/a	$555.09	$13.48	
	Total							**n/a**	**n/a**	**$1,108.71**	**$25.49**	RLWE-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 - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$31.90	$19.68	$14.96	$7.00	$68.03	$89.98	$14.07	$6.58	$68.03	$88.67	
2	Disconnect	ORS-1	$15.74	$10.27	$9.28	$2.94	$0.64	$12.86	$8.39	$2.52	$0.64	$11.55	
3	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$24.24	$9.94	$68.66	**$102.84**	$22.47	$9.10	$68.66	**$100.23**	RLWE-1
	Subsequent												
9	Change CO Connection	ORS-1	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
10	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$31.90	$19.68	$14.96	$7.00	$68.03	$89.98	$14.07	$6.58	$68.03	$88.67	
17	Disconnect	ORS-1	$15.74	$10.27	$9.28	$2.94	$0.64	$12.86	$8.39	$2.52	$0.64	$11.55	
18	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
19	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
20	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$24.24	$9.94	$68.66	**$102.84**	$22.47	$9.10	$68.66	**$100.23**	RLWE-1
	Subsequent												
24	Change CO Connection	ORS-1	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
25	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
26	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
27	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$31.90	$19.68	$14.96	$7.00	$68.03	$89.98	$14.07	$6.58	$68.03	$88.67	
32	Disconnect	ORS-1	$15.74	$10.27	$9.28	$2.94	$0.64	$12.86	$8.39	$2.52	$0.64	$11.55	
33	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
34	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
35	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$24.24	$9.94	$68.66	**$102.84**	$22.47	$9.10	$68.66	**$100.23**	RLWE-1
	Subsequent												
39	Change CO Connection	ORS-1	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
40	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
41	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
42	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$31.90	$19.68	$137.72	$17.53	$219.65	$374.90	$92.89	$17.11	$219.65	$329.65	
47	Disconnect	ORS-5	$15.74	$10.27	$87.96	$2.94	$161.28	$252.18	$43.13	$2.52	$161.28	$206.93	
48	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
49	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
50	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$225.68	$20.47	$380.93	**$627.09**	$136.02	$19.63	$380.93	**$536.58**	RLWE-1
	Subsequent												
54	Change CO Connection	ORS-5	$14.39	$8.45	$80.42	$17.53	n/a	$97.95	$38.44	$17.11	n/a	$55.55	
55	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
56	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
57	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$80.42	$17.53	n/a	**$97.95**	$38.44	$17.11	n/a	**$55.55**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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												
	Complex Digital												
	Initial												
61	New	ORS-5	$40.26	$19.68	$237.50	$17.53	$304.99	$560.02	$192.67	$17.11	$304.99	$514.77	
62	Disconnect	ORS-5	$15.74	$10.27	$103.00	$2.94	$113.95	$219.89	$58.17	$2.52	$113.95	$174.64	
63	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
64	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
65	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$64.43**	**$36.91**	$340.50	$20.47	$418.94	$779.92	$250.84	$19.63	$418.94	**$689.41**	RLWE-1
	Subsequent												
69	Change CO Connection	ORS-5	$14.39	$8.45	$95.46	$17.53	n/a	$112.99	$53.48	$17.11	n/a	$70.59	
70	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
71	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
72	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$95.46	$17.53	n/a	**$112.99**	$53.48	$17.11	n/a	**$70.59**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$31.41	$19.19	$20.54	$7.00	n/a	$27.54	$20.54	$6.58	n/a	$27.12	
2	Disconnect	ORS-2	$11.70	$6.23	$15.19	$2.94	n/a	$18.14	$15.19	$2.52	n/a	$17.71	
3	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$51.54**	**$32.38**	$35.74	$9.94	n/a	**$45.68**	$35.74	$9.10	n/a	**$44.84**	RLWE-1
	Subsequent - Port Feature												
9	Change Port Feature	ORS-2	$19.51	$13.57	$2.40	n/a	n/a	$2.40	$2.40	n/a	n/a	$2.40	
10	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$27.94**	**$20.53**	$2.40	n/a	n/a	**$2.40**	$2.40	n/a	n/a	**$2.40**	RLWE-1
	Subsequent - CO Connection												
16	Change CO Connection	ORS-2	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
17	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
18	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
19	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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 Non-digital												
	Initial												
23	New	ORS-2	$50.14	$29.56	$61.23	$7.00	n/a	$68.23	$29.08	$6.58	n/a	$35.66	
24	Disconnect	ORS-2	$11.70	$6.23	$56.09	$2.94	n/a	$59.03	$22.75	$2.52	n/a	$25.27	
25	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
26	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
27	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$70.27**	**$42.75**	$117.32	$9.94	n/a	**$127.27**	$51.83	$9.10	n/a	**$60.93**	RLWE-1
	Subsequent - Port Feature												
31	Change Port Feature	ORS-2	$29.88	$23.94	$8.72	n/a	n/a	$8.72	$8.72	n/a	n/a	$8.72	
32	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
33	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
34	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$38.31**	**$30.90**	$8.72	n/a	n/a	**$8.72**	$8.72	n/a	n/a	**$8.72**	RLWE-1
	Subsequent - Switch Feature Group												
38	Change Switch Feature Group	ORS-2	$38.24	$23.94	$42.20	n/a	n/a	$42.20	$10.05	n/a	n/a	$10.05	
39	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
40	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
41	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$46.67**	**$30.90**	$42.20	n/a	n/a	**$42.20**	$10.05	n/a	n/a	**$10.05**	RLWE-1
	Subsequent - CO Connection												
45	Change CO Connection	ORS-2	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
46	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
47	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
48	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	$22.82	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$50.14	$29.56	$53.45	$7.00	n/a	$60.45	$21.29	$6.58	n/a	$27.87	
53	Disconnect	ORS-2	$11.70	$6.23	$49.96	$2.94	n/a	$52.91	$16.62	$2.52	n/a	$19.14	
54	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
55	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
56	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$70.27**	**$42.75**	$103.41	$9.94	n/a	**$113.35**	$37.91	$9.10	n/a	**$47.01**	RLWE-1
	Subsequent - Port Feature												
60	Change Port Feature	ORS-2	$29.88	$23.94	$11.87	n/a	n/a	$11.87	$11.87	n/a	n/a	$11.87	
61	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
62	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
63	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$38.31**	**$30.90**	$11.87	n/a	n/a	**$11.87**	$11.87	n/a	n/a	**$11.87**	RLWE-1
	Subsequent - Switch Feature Group												
67	Change Switch Feature Group	ORS-2	$38.24	$23.94	$42.20	n/a	n/a	$42.20	$10.05	n/a	n/a	$10.05	
68	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
69	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
70	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$46.67**	**$30.90**	$42.20	n/a	n/a	**$42.20**	$10.05	n/a	n/a	**$10.05**	RLWE-1
	Subsequent - CO Connection												
74	Change CO Connection	ORS-2	$14.39	$8.45	$10.05	$9.52	n/a	$19.57	$10.05	$9.10	n/a	$19.15	
75	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
76	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
77	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.05	$9.52	n/a	**$19.57**	$10.05	$9.10	n/a	**$19.15**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$58.11	$37.53	$261.83	$17.53	n/a	$279.36	$219.85	$17.11	n/a	$236.96	
82	Disconnect	ORS-5	$16.00	$10.53	$123.79	$2.94	n/a	$126.73	$81.81	$2.52	n/a	$84.33	
83	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
84	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
85	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$82.54**	**$55.02**	$385.62	$20.47	n/a	**$406.09**	$301.66	$19.63	n/a	**$321.29**	RLWE-1
	Subsequent - CO Connection												
89	Change CO Connection	ORS-5	$17.96	$12.02	$95.46	$17.53	n/a	$112.99	$53.48	$17.11	n/a	$70.59	
90	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
91	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
92	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$26.39**	**$18.98**	$95.46	$17.53	n/a	**$112.99**	$53.48	$17.11	n/a	**$70.59**	RLWE-1

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$14.84	$8.90	$1.89	n/a	n/a	$1.89	$1.89	n/a	n/a	$1.89	
2	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
3	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
7	**Total**	Sum Lns (1..6)	**$22.99**	**$16.63**	$1.89	n/a	n/a	**$1.89**	$1.89	n/a	n/a	**$1.89**	RLWE-2
	Basic												
	Changeover (As Specified)												
8	Migration As Is +/-	ORS-6	$20.05	$11.82	$13.61	n/a	n/a	$13.61	$13.61	n/a	n/a	$13.61	
9	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
10	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
13	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
14	**Total**	Sum Lns (8..13)	**$28.20**	**$19.55**	**$13.61**	n/a	n/a	**$13.61**	$13.61	n/a	n/a	**$13.61**	RLWE-2

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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												
	Complex Non-digital												
	Subsequent (Line Feature)												
15	Change Line Feature	ORS-6	$14.84	$8.90	$8.72	n/a	n/a	$8.72	$8.72	n/a	n/a	$8.72	
16	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
17	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
18	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
19	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
20	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
21	**Total**	Sum Lns (15..20)	**$22.99**	**$16.63**	$8.72	n/a	n/a	**$8.72**	$8.72	n/a	n/a	**$8.72**	RLWE-2
	Complex Non-digital												
	Subsequent (Switch Feature Group)												
22	Change Switch Feature Group	ORS-6	$23.20	$8.90	$42.20	n/a	n/a	$42.20	n/a	n/a	n/a	n/a	
23	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
24	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
25	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
26	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
27	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
28	**Total**	Sum Lns (22..27)	**$31.35**	**$16.63**	$42.20	n/a	n/a	**$42.20**	n/a	n/a	n/a	**n/a**	RLWE-2
	Complex Non-digital												
	Changeover (As Specified)												
29	Migration As Specified	ORS-6	$34.35	$17.76	$39.53	n/a	n/a	$39.53	$7.38	n/a	n/a	$7.38	
30	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
31	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
32	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
33	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
34	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
35	**Total**	Sum Lns (29..34)	**$42.50**	**$25.49**	$39.53	n/a	n/a	**$39.53**	$7.38	n/a	n/a	**$7.38**	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.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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												
	Complex Digital												
	Subsequent (Line Feature)												
36	Change Line Feature	ORS-6	$14.84	$8.90	$11.87	n/a	n/a	$11.87	$11.87	n/a	n/a	$11.87	
37	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
38	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
39	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
40	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
41	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
42	**Total**	Sum Lns (36..41)	**$22.99**	**$16.63**	$11.87	n/a	n/a	**$11.87**	$11.87	n/a	n/a	**$11.87**	RLWE-2
	Complex Digital												
	Subsequent (Switch Feature Group)												
43	Change Switch Feature Group	ORS-6	$23.20	$8.90	$42.20	n/a	n/a	$42.20	n/a	n/a	n/a	n/a	
44	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
45	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
46	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
47	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
48	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
49	**Total**	Sum Lns (43..48)	**$31.35**	**$16.63**	$42.20	n/a	n/a	**$42.20**	n/a	n/a	n/a	**n/a**	RLWE-2
	Complex Digital												
	Changeover (As Specified)												
50	Migration As Specified	ORS-6	$34.35	$17.76	$40.14	n/a	n/a	$40.14	$7.99	n/a	n/a	$7.99	
51	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
52	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
53	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
54	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
55	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
56	**Total**	Sum Lns (50..55)	**$42.50**	**$25.49**	$40.14	n/a	n/a	**$40.14**	$7.99	n/a	n/a	**$7.99**	RLWE-2

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$26.33	$12.03	$122.64	n/a	n/a	$122.64	$80.66	n/a	n/a	$80.66	
58	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
59	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
60	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$34.48**	**$19.76**	$122.64	n/a	n/a	**$122.64**	$80.66	n/a	n/a	**$80.**	.LWE-2
	Complex												
	Changeover (As Specified)												
64	Migration As Specified	ORS-7	$54.12	$37.53	$156.16	n/a	n/a	$156.16	$114.18	n/a	n/a	$114.18	
65	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
66	Record Order	RORF	$1.19	$0.77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
67	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$62.27**	**$45.26**	$156.16	n/a	n/a	**$156.16**	$114.18	n/a	n/a	**$114.18**	RLWE-2

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Subloop

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installatio	Total	Provisioning	CO Work	Field Installatio	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	$31.90	$19.68	$15.96	$7.00	$15.34	$38.30	$15.08	$6.58	$2.49	$24.14	
2	Disconnect	ORS-3	$15.74	$10.27	$10.94	$2.94	$15.34	$29.22	$10.05	$2.52	$2.49	$15.06	
3	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$26.90	$9.94	$30.68	$67.52	$25.13	$9.10	$4.98	**$39.20**	RLWE-2
	Subsequent												
9	Change Facility Connection	ORS-3	$14.39	$8.45	$10.94	n/a	$19.48	$30.42	$10.05	n/a	$3.16	$13.21	
10	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.94	n/a	$19.48	**$30.42**	$10.05	n/a	$3.16	**$13.21**	RLWE-2
	FDI Distribution Connection												
	Initial												
16	New	ORS-3	$31.90	$19.68	$15.96	n/a	$57.19	$73.16	$15.08	n/a	$44.34	$59.42	
17	Disconnect	ORS-3	$15.74	$10.27	$10.94	n/a	$15.78	$26.72	$10.05	n/a	$2.93	$12.98	
18	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
19	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
20	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$26.90	n/a	$72.97	**$99.88**	$25.13	n/a	$47.28	**$72.40**	RLWE-2
	Subsequent												
24	Change Facility Connection	ORS-3	$14.39	$8.45	$10.94	n/a	$19.48	$30.42	$10.05	n/a	$3.16	$13.21	
25	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
26	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
27	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.94	n/a	$19.48	**$30.42**	$10.05	n/a	$3.16	**$13.21**	RLWE-2

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Subloop

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installatio	Total	Provisioning	CO Work	Field Installatio	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	$31.90	$19.68	$15.96	n/a	$10.37	$26.34	$15.08	n/a	$1.40	$16.48	
32	Disconnect	ORS-3	$15.74	$10.27	$10.94	n/a	$10.37	$21.31	$10.05	n/a	$1.40	$11.45	
33	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
34	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
35	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$56.07**	**$36.91**	$26.90	n/a	$20.75	**$47.65**	$25.13	n/a	$2.80	**$27.93**	RLWE-2
	Subsequent												
39	Change Facility Connection	ORS-3	$14.39	$8.45	$10.94	n/a	$13.18	$24.12	$10.05	n/a	$1.78	$11.83	
40	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
41	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
42	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$22.82**	**$15.41**	$10.94	n/a	$13.18	$24.12	$10.05	n/a	$1.78	**$11.83**	RLWE-2

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Addt'l Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	RFIX											
5	OSS - Transaction Specific Costs	RFIX											
6	OSS - Transition Costs	RFIX											
7	Mechanized Loop Pre-Qualification	RFIX											
8	**Total**	Sum Lns (1..7)											
	Subsequent												
9	Change CO Connection	ORS-4											
10	Record Order	RORF											
11	NMC Shared/Fixed Costs	RFIX											
12	OSS - Transaction Specific Costs	RFIX											
13	OSS - Transition Costs	RFIX											
14	Mechanized Loop Pre-Qualification	RFIX											
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 - Additional Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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)	
	Loop Conditioning												
	Bridged Tap Only												
	Removal												
1	One Occurrence	ORS-4	n/a	n/a	n/a	n/a	$1,892.55	$1,892.55	n/a	n/a	$30.06	$30.06	
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	$1,892.55	**$1,892.55**	n/a	n/a	$30.06	**$30.06**	ROWF
7	Multiple Occurrences	ORS-4	n/a	n/a	n/a	n/a	$2,484.87	$2,484.87	n/a	n/a	$75.18	$75.18	
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	$2,484.87	**$2,484.87**	n/a	n/a	$75.18	**$75.18**	ROWF
	Load Coil Only												
	Removal												
13	Load Coil Removal	ORS-4	n/a	n/a	n/a	n/a	$2,789.47	$2,789.47	n/a	n/a	$109.68	$109.68	
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	$2,789.47	**$2,789.47**	n/a	n/a	$109.68	**$109.68**	RLWE-2
	Bridged Tap and Load Coil Combination												
	Removal												
19	One Occurrence	ORS-4	n/a	n/a	n/a	n/a	$3,211.40	$3,211.40	n/a	n/a	$139.74	$139.74	
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	$3,211.40	**$3,211.40**	n/a	n/a	$139.74	**$139.74**	ROWF
25	Multiple Occurrences	ORS-4	n/a	n/a	n/a	n/a	$3,803.72	$3,803.72	n/a	n/a	$184.86	$184.86	
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	$3,803.72	**$3,803.72**	n/a	n/a	$184.86	**$184.86**	ROWF

Verizon - Florida
Wholesale Non-recurring Study
Rate Development
Line and Station Transfer

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Additional Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-2	D=FWS-8	E=FWS-8	G=Sum (C..F)	H=PRO-2	I=FWS-8	J=FWS-8	K=Sum (H..J)	
	Line and Station Transfer												
1	Vacant Transfer		n/a	n/a	$14.41	$7.34	$1,085.49	$1,107.24	$13.52	$7.34	$3.16	$24.02	
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		tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	
5	OSS - Transition Costs		tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	
6	**Total**	Sum Lns (1..5)	**n/a**	**n/a**	$14.41	$7.34	$1,085.49	**$1,107.24**	$13.52	$7.34	$3.16	**$24.02**	ROWF
7	In-Use Transfer		n/a	n/a	$14.41	$10.28	$1,085.49	$1,110.18	$13.52	$10.28	$3.16	$26.96	
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		tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	
11	OSS - Transition Costs		tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	tbd	
12	**Total**	Sum Lns (7..11)	**n/a**	**n/a**	$14.41	$10.28	$1,085.49	**$1,110.18**	$13.52	$10.28	$3.16	**$26.96**	ROWF

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

Ln	Description	Source	Ordering		Service Connection - Initial Unit				Service Connection - Additional Unit				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	Provisioning	CO Work	Field Installation	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	$27.18	$14.96	$9.39	n/a	n/a	$9.39	$9.39	n/a	n/a	$9.39	
2	Disconnect	ORS-3	$15.14	$9.67	$7.95	n/a	n/a	$7.95	$7.95	n/a	n/a	$7.95	
3	Record Order	RORF	$1.48	n/a	n/	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
4	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
5	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
6	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
7	**Total**	Sum Lns (1..6)	**$48.24**	**$29.07**	$17.34	n/a	n/a	**$17.34**	$17.34	n/a	n/a	**$17.34**	RLWE-2
	Subsequent												
8	Change	ORS-3	$19.23	$13.29	$9.92	n/a	n/a	$9.92	$9.92	n/a	n/a	$9.92	
9	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
10	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
11	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
12	OSS - Transition Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	
13	**Total**	Sum Lns (8..12)	**$25.15**	**$17.73**	$9.92	n/a	n/a	**$9.92**	$9.92	n/a	n/a	**$9.92**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-5	D=FWS-7..9	E=FWS-7..9	F=SUM (C..E)	
	Unbundled Network Interface Device (NID)								
	Exchange								
1	Basic	ORS-8	$42.96	$30.74	n/a	n/a	$2.20	$2.20	
2	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	
3	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	
4	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	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)	**$51.39**	**$37.70**	n/a	n/a	$2.20	**$2.20**	RNWE-1

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

Ln	Description	Source	Ordering		Service Connection - Per Order				Destination
			100% Manual	Semi-Mech.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-5	D=FWS-8	E=UHR	F=Sum (C..E)	
	House and Riser								
	Exchange								
	Terminal Block Connection								
1	New	ORS-8	$42.96	$30.74	$15.96	n/a	$22.27	$38.24	
2	Disconnect	ORS-8	$15.74	$10.27	$10.94	n/a	$18.05	$28.99	
3	Preordering	RORF	$2.52	$2.52	n/a	n/a	n/a	n/a	
4	Record Order	RORF	$1.48	n/a	n/a	n/a	n/a	n/a	
5	NMC Shared/Fixed Costs	RFIX	$4.44	$4.44	n/a	n/a	n/a	n/a	
6	OSS - Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
7	**Total**	Sum Lns (1..6)	**$67.13**	**$47.97**	**$26.90**	**n/a**	**$40.33**	**$67.23**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-7	D=FWS-10	E=FWS-10	F=SUM (C..E)	
	Inter-office Dedicated Transport								
	DS0 and Fractional T-1								
	Initial								
1	New	ORS-11	$82.82	$53.25	$259.03	$110.63	n/a	$369.66	
2	Disconnect	ORS-11	$67.58	$38.01	$138.29	$34.30	n/a	$172.59	
3	Record Order	RORF	$6.78	$3.82	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)	**$157.18**	**$95.08**	$397.32	$144.93	n/a	**$542.25**	RNWE-1
	Subsequent								
6	Change	ORS-11	$68.21	$38.64	$133.60	$0.00	n/a	$133.60	
7	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$133.60	$0.00	n/a	**$133.60**	RNWE-1
	DS1 and Higher								
	Initial								
10	New	ORS-11	$98.03	$68.46	$407.50	$113.05	n/a	$520.55	
11	Disconnect	ORS-11	$69.87	$40.30	$137.42	$61.35	n/a	$198.77	
12	Record Order	RORF	$6.78	$3.82	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)	**$174.68**	**$112.58**	$544.92	$174.40	n/a	**$719.32**	RNWE-1
	Subsequent								
15	Change	ORS-11	$68.21	$38.64	$132.73	$12.08	n/a	$144.81	
16	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$132.73	$12.08	n/a	**$144.81**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-8	D=FWS-10	E=FWS-10	F=SUM (C..E)	
	CLEC Dedicated Transport								
	DS0 and Fractional T1								
	Initial								
1	New	ORS-12	$82.82	$53.25	$261.88	$110.63	$136.82	$509.33	
2	Disconnect	ORS-12	$67.58	$38.01	$141.14	$34.30	$28.67	$204.11	
3	Record Order	RORF	$6.78	$3.82	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)	**$157.18**	**$95.08**	$403.02	$144.93	$165.49	**$713.44**	RNWE-1
	Subsequent								
6	Change	ORS-12	$68.21	$38.64	$136.45	$12.08	$12.58	$161.10	
7	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$136.45	$12.08	$12.58	**$161.10**	RNWE-1
	DS1 and Higher								
	Initial								
10	New	ORS-12	$98.03	$68.46	$410.35	$113.05	$120.22	$643.61	
11	Disconnect	ORS-12	$69.87	$40.30	$140.27	$61.35	$59.35	$260.98	
12	Record Order	RORF	$6.78	$3.82	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)	**$174.68**	**$112.58**	$550.62	$174.40	$179.57	**$904.59**	RNWE-1
	Subsequent								
15	Change	ORS-12	$68.21	$38.64	$135.58	$12.08	$12.58	$160.23	
16	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$135.58	$12.08	$12.58	**$160.23**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-8	D=FWS-11	E=FWS-11	F=SUM (C..E)	
	Signaling System Seven (SS7)								
	Facilities and Trunks								
	Initial								
1	New	ORS-13	$264.23	$234.66	$630.29	$129.95	n/a	$760.24	
2	Disconnect	ORS-13	$141.43	$111.86	$433.40	$60.87	n/a	$494.27	
3	Record Order	RORF	$6.78	$3.82	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)	**$412.44**	**$350.34**	$1,063.69	$190.82	n/a	**$1,254.51**	RNWE-1
	Subsequent (w/Engineering Review)								
6	Change	ORS-13	$115.13	$85.56	$528.02	$12.08	n/a	$540.10	
7	Record Order	RORF	$6.78	$3.82	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)	**$121.91**	**$89.38**	$528.02	$12.08	n/a	**$540.10**	RNWE-1
	Subsequent (w/out Engineering Review)								
10	Change	ORS-13	$115.13	$85.56	$168.87	$12.08	n/a	$180.95	
11	Record Order	RORF	$6.78	$3.82	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)	**$121.91**	**$89.38**	$168.87	$12.08	n/a	**$180.95**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-8	D=FWS-11	E=FWS-11	F=SUM (C..E)	
	Signaling System Seven (SS7)								
	Trunks Only								
	Initial								
14	New	ORS-13	$130.66	$101.09	$527.70	$129.95	n/a	$657.65	
15	Disconnect	ORS-13	$79.53	$49.96	$394.40	$60.87	n/a	$455.27	
16	Record Order	RORF	$6.78	$3.82	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)	**$216.97**	**$154.87**	$922.10	$190.82	n/a	**$1,112.92**	RNWE-1
	Subsequent (w/Engineering Review)								
19	Change	ORS-13	$74.95	$45.38	$500.94	$12.08	n/a	$513.02	
20	Record Order	RORF	$6.78	$3.82	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)	**$81.73**	**$49.20**	$500.94	$12.08	n/a	**$513.02**	RNWE-1
	Subsequent (w/o Engineering Review)								
23	Change	ORS-13	$74.95	$45.38	$168.87	$12.08	n/a	$180.95	
24	Record Order	RORF	$6.78	$3.82	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)	**$81.73**	**$49.20**	$168.87	$12.08	n/a	**$180.95**	RNWE-1
	STP Ports (SS7 Links)								
27	New	ORS-13	$264.23	$234.66	$527.70	$75.36	n/a	$603.06	
28	Disconnect	ORS-13	$141.43	$111.86	$394.40	$26.09	n/a	$420.49	
29	Record Order	RORF	$6.78	$3.82	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)	**$412.44**	**$350.34**	$922.10	$101.45	n/a	**$1,023.55**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-9	D=FWS-14	E=FWS-14	F=SUM (C..E)	
	Enhanced Extended Links (EELs)								
	Advanced								
	Basic (Loop)								
	Initial								
1	New	ORS-14	$82.82	$53.25	$224.89	$15.94	$222.23	$463.06	
2	Disconnect	ORS-14	$67.58	$38.01	$141.14	$15.94	$100.92	$258.00	
3	Record Order	RORF	$6.78	$6.78	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)	**$157.18**	**$98.04**	$366.03	$31.88	$323.15	**$721.06**	RNWE-2
	Subsequent								
6	Change	ORS-14	$68.21	$38.64	$133.60	$12.08	n/a	$145.68	
7	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$133.60	$12.08	n/a	**$145.68**	RNWE-2
	Changeover (As Is)								
10	Migration As Is	ORS-14	$155.09	$95.95	$41.64	n/a	n/a	$41.64	
11	Record Order	RORF	$6.78	$3.82	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)	**$161.87**	**$99.77**	$41.64	n/a	n/a	**$41.64**	RNWE-2
	Changeover (As Is) - MOG								
14	Migration As Is	ORS-14	$0.74	$0.74	$41.64	n/a	n/a	$41.64	
15	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
16	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
17	**Total**	Sum Lns (14..16)	**$7.52**	**$4.56**	$41.64	n/a	n/a	**$41.64**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-9	D=FWS-14	E=FWS-14	F=SUM (C..E)	
	Enhanced Extended Links (EELs)								
	Advanced								
	Complex - DS0								
	Initial								
18	New	ORS-14	$82.82	$53.25	$237.88	$15.46	$151.07	$404.41	
19	Disconnect	ORS-14	$67.58	$38.01	$141.14	$34.78	$57.49	$233.41	
20	Record Order	RORF	$6.78	$6.78	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 (18..21)	**$157.18**	**$98.04**	$379.02	$50.24	$208.56	**$637.82**	RNWE-2
	Subsequent								
23	Change	ORS-14	$68.21	$38.64	$133.60	$12.08	n/a	$145.68	
24	Record Order	RORF	$6.78	$3.82	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)	**$74.99**	**$42.46**	$133.60	$12.08	n/a	**$145.68**	RNWE-2
	Changeover (As Is)								
27	Migration As Is	ORS-14	$155.09	$95.95	$41.64	n/a	n/a	$41.64	
28	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
29	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
30	**Total**	Sum Lns (27..29)	**$161.87**	**$99.77**	$41.64	n/a	n/a	**$41.64**	RNWE-2
	Changeover (As Is) - MOG								
31	Migration As Is	ORS-14	$0.74	$0.74	$41.64	n/a	n/a	$41.64	
32	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
33	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
34	**Total**	Sum Lns (31..33)	**$7.52**	**$4.56**	$41.64	n/a	n/a	**$41.64**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-9	D=FWS-14	E=FWS-14	F=SUM (C..E)	
	Enhanced Extended Links (EELs)								
	Advanced								
	Complex - DS1/DS3								
	Initial								
35	New	ORS-14	$98.03	$68.46	$302.35	$213.53	$132.23	$648.11	
36	Disconnect	ORS-14	$69.87	$40.30	$140.27	$58.46	$85.03	$283.76	
37	Record Order	RORF	$6.78	$6.78	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 (35..38)	**$174.68**	**$115.54**	$442.62	$271.99	$217.26	**$931.87**	RNWE-2
	Subsequent								
40	Change	ORS-14	$68.21	$38.64	$132.73	$12.08	n/a	$144.81	
41	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
42	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
43	**Total**	Sum Lns (40..42)	**$74.99**	**$42.46**	$132.73	$12.08	n/a	**$144.81**	RNWE-2
	Changeover (As Is)								
44	Migration As Is	ORS-14	$172.59	$113.45	$41.64	n/a	n/a	$41.64	
45	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
46	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
47	**Total**	Sum Lns (44..46)	**$179.37**	**$117.27**	$41.64	n/a	n/a	**$41.64**	RNWE-2
	Changeover (As Is) - MOG								
48	Migration As Is	ORS-14	$0.74	$0.74	$41.64	n/a	n/a	$41.64	
49	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
50	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
51	**Total**	Sum Lns (48..50)	**$7.52**	**$4.56**	$41.64	n/a	n/a	**$41.64**	RNWE-2
	Multiplexing								
52	DS-3 to DS1	ORS-14	n/a	n/a	n/a	$165.70	n/a	**$165.70**	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.	Provisioning	CO Work	Field Installation	Total	
			A=Source	B=Source	C=PRO-10	D=FWS-15	E=FWS-15	F=Sum (C..E)	
	Advanced Dark Fiber Preordering								
1	Exchange Facilities	ORS-15	$4.40	$4.40	$304.06	n/a	n/a	$304.06	
2	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
3	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
4	**Total**	Sum Lns (1..3)	**$11.18**	**$8.22**	$304.06	n/a	n/a	**$304.06**	ROWF
5	Inter-office Facilities	ORS-15	$4.40	$4.40	$588.26	n/a	n/a	$588.26	
6	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
7	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
8	**Total**	Sum Lns (5..7)	**$11.18**	**$8.22**	$588.26	n/a	n/a	**$588.26**	ROWF
	UNE Inter-office Dedicated Transport								
9	New	ORS-15	$67.65	$67.65	$78.18	$38.97	n/a	$117.15	
10	Disconnect	ORS-15	$39.53	$39.53	$78.18	$38.97	n/a	$117.15	
11	Record Order	RORF	$6.78	$3.82	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 (9..12)	**$113.96**	**$111.00**	$156.36	$77.93	n/a	**$234.29**	RNWE-2
	Unbundled Loop								
14	New	ORS-15	$67.65	$67.65	$81.03	$17.11	$20.89	$119.03	
15	Disconnect	ORS-15	$39.53	$39.53	$81.03	$17.11	$20.89	$119.03	
16	Record Order	RORF	$6.78	$3.82	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)	**$113.96**	**$111.00**	$162.06	$34.22	$41.78	**$238.06**	RNWE-2
	Subloop Feeder								
19	New	ORS-15	$67.65	$67.65	$81.03	$17.11	$20.89	$119.03	
20	Disconnect	ORS-15	$39.53	$39.53	$81.03	$17.11	$20.89	$119.03	
21	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
22	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
23	**Total**	Sum Lns (19..22)	**$113.96**	**$111.00**	$162.06	$34.22	$41.78	**$238.06**	RNWE-2
	Subloop Distribution								
24	New	ORS-15	$67.65	$67.65	$81.03	n/a	$41.78	$122.81	
25	Disconnect	ORS-15	$39.53	$39.53	$81.03	n/a	$41.78	$122.81	
26	Record Order	RORF	$6.78	$3.82	n/a	n/a	n/a	n/a	
27	OSS - Access Transaction Specific Costs	RFIX	tbd	tbd	n/a	n/a	n/a	n/a	
28	**Total**	Sum Lns (24..27)	**$113.96**	**$111.00**	$162.06	n/a	$83.57	**$245.63**	RNWE-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.	rovisionin	CO Work	Field Installation	Total	100% Manual	Semi-Mech.	
			A=Source	B=Source	C=PRO-5	D=FWS-9..11	E=FWS-9..11	F=SUM (C..E)	G=A+F	H=B+F	
	Coordinated Conversions										
	Exchange										
	Standard Interval										
1	Process 1	ORS-8	$3.05	$3.05	$3.61	n/a	n/a	$3.61			
2	Process 2	ORS-8	n/a	n/a	$10.82	$8.05	n/a	$18.88			
3	Process 3	ORS-8	n/a	n/a	$0.89	$4.03	$12.58	$17.49			
4	**Total**	Sum Lns (1..3)	$3.05	$3.05	$15.32	$12.08	$12.58	$39.97	**$43.02**	**$43.02**	RMWE
	Additional Interval										
5	Process 2	ORS-8	n/a	n/a	$10.82	$12.08	n/a	$22.90			
6	Process 3	ORS-8	n/a	n/a	n/a	n/a	$12.58	$12.58			
7	**Total**	Ln 5 + Ln 6	n/a	n/a	$10.82	$12.08	$12.58	$35.48	**$35.48**	**$35.48**	RMWE
	Advanced										
	Standard Interval										
8	Process 1	ORS-8	$3.05	$3.05	$3.61	n/a	n/a	$3.61			
9	Process 2	ORS-8	n/a	n/a	$10.82	$8.05	n/a	$18.88			
10	Process 3	ORS-8	n/a	n/a	$0.89	$4.03	$12.58	$17.49			
11	**Total**	Sum Lns (8..10)	$3.05	$3.05	$15.32	$12.08	$12.58	$39.97	**$43.02**	**$43.02**	RMWE
	Additional Interval										
12	Process 2	ORS-8	n/a	n/a	$10.82	$12.08	n/a	$22.90			
13	Process 3	ORS-8	n/a	n/a	n/a	n/a	$12.58	$12.58			
14	**Total**	Ln 12 + Ln 13	n/a	n/a	$10.82	$12.08	$12.58	$35.48	**$35.48**	**$35.48**	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.	Provisionin	CO Work	Field Installation	Total	100% Manual	Semi-Mech.	
			A=Source	B=Source	C=PRO-5	D=FWS-9..11	E=FWS-9..11	F=Sum (C..E)	G=A+F	H=B+F	
	Hot Cut Coordinated Conversions										
	Exchange										
	Standard Interval										
1	Process 1	ORS-9	$3.05	$3.05	$3.61	n/a	n/a	$3.61			
2	Process 2	ORS-9	n/a	n/a	$43.30	$32.21	n/a	$75.50			
3	Process 3	ORS-9	n/a	n/a	$0.89	$16.10	$50.30	$67.29			
4	**Total**	Sum Lns (1..3)	$3.05	$3.05	$47.79	$48.31	$50.30	$146.40	**$149.45**	**$149.45**	RMWE
	Additional Interval										
5	Process 2	ORS-9	n/a	n/a	$10.82	$12.08	n/a	$22.90			
6	Process 3	ORS-9	n/a	n/a	n/a	n/a	$12.58	$12.58			
7	**Total**	Ln 5 + Ln 6	n/a	n/a	$10.82	$12.08	$12.58	$35.48	**$35.48**	**$35.48**	RMWE
	Advanced										
	Standard Interval										
8	Process 1	ORS-9	$3.05	$3.05	$3.61	n/a	n/a	$3.61			
9	Process 2	ORS-9	n/a	n/a	$43.30	$32.21	n/a	$75.50			
10	Process 3	ORS-9	n/a	n/a	$0.89	$16.10	$50.30	$67.29			
11	**Total**	Sum Lns (8..10)	$3.05	$3.05	$47.79	$48.31	$50.30	$146.40	**$149.45**	**$149.45**	RMWE
	Additional Interval										
12	Process 2	ORS-9	n/a	n/a	$10.82	$12.08	n/a	$22.90			
13	Process 3	ORS-9	n/a	n/a	n/a	n/a	$12.58	$12.58			
14	**Total**	Ln 12 + Ln 13	n/a	n/a	$10.82	$12.08	$12.58	$35.48	**$35.48**	**$35.48**	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.	Provisioning	CO Work	Field Installation	Total	100% Manual	Semi-Mech.	
		A=Source	B=Source	C=PRO-6	D=FWS-9..11	E=FWS-9..11	F=Sum (C..E)	G=A+F	H=B+F	
Expedites										
UNE Loop/Port										
Exchange Services	ORS-10	$5.69	$5.69	n/a	n/a	n/a	n/a	**$5.69**	**$5.69**	RMWE
Advanced/Special Services	ORS-10	$5.69	$5.69	$38.28	n/a	n/a	$38.28	**$43.97**	**$43.97**	RMWE
Other Charges										
Customer Service Record Search (per account)	ORS-10	$7.13	n/a	n/a	n/a	n/a	n/a	**$7.13**	**n/a**	RMWE
CLEC Account Establishment (per CLEC)	ORS-10	$281.82	$281.82	n/a	n/a	n/a	n/a	**$281.82**	**$281.82**	RMWE
No Access Customer Will Advise	ORS-10	$27.45	$27.45	n/a	n/a	$62.88	$62.88	**$90.33**	**$90.33**	RMWE

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

Ln	Description	Source	Ordering Cost		Weighting Factor		Destination
			100% Manual	Semi-Mech.	100% Manual	Semi-Mech.	
			A=Source	B=Source	C=Source	D=Source	
	Order Weighting						
	Preordering						
1	Preordering	ORS-10	$5.03	n/a			
2	Occurrence Rate	Note 1			50%	n/a	
3	**Weighted Preordering**	Ln 1*Ln 2	**$2.52**	**$2.52**			RUBL-1..5, RUBP-1..4, RUNP-1..4, RUSL-1, 2, RNID, RUHR
	UNE Loop/Port						
4	Record Order	ORS-10	$14.78	**$10.58**			
5	Occurrence Rate	Note 1			10%	10%	
6	**Weighted Record Order**	Ln 4*Ln 5	**$1.48**	**n/a**			RUBL-1..5, RUBP-1..4, RUSL-1, 2, RLSH, RINP, RNID, RUHR
	UNE Combinations (Loop/Port) Only						
7	Record Order	ORS-7	$11.92	$7.72			
8	Occurrence Rate	Note 1			10%	10%	
9	**Weighted Record Order**	Ln 7*Ln 8	**$1.19**	**$0.77**			RUNP-1..4
	Network Wholesale Elements						
10	Record Order	ORS-11	$67.80	$38.23			
11	Occurrence Rate	Note 1			10%	10%	
12	**Weighted Record Order**	Ln 10*Ln 11	**$6.78**	**$3.82**			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	$18,498,610.43				
	OSS	Note 1					
2	Local Wholesale Transaction Specific Costs	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				**$4.44**	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**	RUDF, RCDT, RIDT, RSS7-1, 2, REEL-1..3, RNID
16	OSS - Transition Costs					**tbd**	RUDF, 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		$1,014,098.00			
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.

2- ORDERING

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Exhibits - Ordering by Page

	Exhibit Name	Page
Ordering Narrative		1
Summary of Costs	ORS	9
Cost Calculations	ORD	25

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Exhibits - Ordering by Exhibit Name

	Exhibit Name	Page
Ordering Narrative		1
Cost Calculations	ORD	25
Summary of Costs	ORS	9

Ordering Function

This section addresses the costs of the non-recurring activities to pre-order and order Local Wholesale and Network Wholesale UNEs, UNE-Ps, and other services the CLEC may request with its order.

There are three centers involved in processing Local Service Requests (LSRs) and Access Service Requests (ASRs):

- The National Open Market Center (NMC) serves as the single point of contact for pre-ordering and ordering local network UNEs/UNE-Ps. The NMC offices are located in Durham, North Carolina, Ft. Wayne, Indiana, and Coeur d'Alene, Idaho.

- There is an off-line group within the National Order/Referral Entry Center (NOREC) in San Angelo, Texas, responsible for entering all faxed LSRs (Manual Orders) into SIGS.

- The National Access Customer Center (NACC) processes all ASRs for the Network Wholesale UNEs.

Ordering Cost Methodology

Verizon's cost team documented the pre-ordering and ordering process flows in the NMC, NOREC, and NACC. The process flows take into account system enhancements that will eliminate or modify work performed by the Service Representatives.

The Pre-ordering and Ordering NRCs were developed from work sampling studies, time-and-motion studies, and estimates from Subject Matter Experts (SMEs).

The cost team used the most current Loaded Labor Rates for each of the workgroups. (See Appendix Tab 5 for Loaded Labor Rates.) The cost team calculated the costs for each type of UNE order using the standard non-recurring cost calculation -

Activity Time x Probability x Labor Rate = Cost

The process flows, data collection, and cost calculations for each of these centers are discussed below.

NMC

The NMC is staffed with Service Representatives who are involved in varying degrees with CLECs' pre-orders and orders. The LSR processing mode (manual or semi-mechanized) used by the CLEC and the complexity of the order determine the involvement of Verizon's Service Representative in the pre-ordering and ordering processes. CLECs' pre-order requests and LSRs are the cost-drivers for the NMC.

The following chart depicts the NMC's Service Representative involvement for each of the order processing modes for New Exchange - Basic UNE service:

Manual Mode[1]	Semi-mechanized Mode
• Order entry into NOCV • Field visit determination • Telephone number assignment • Due date assignment • Provide Local Service Confirmation (LSC) to CLEC • Jeopardy notification • Follow-up phone call(s)	• Order entry into NOCV • Provide LSC to CLEC • Jeopardy notification • Error correction

For Exchange - Complex and Advanced/Special UNE services, all orders are currently input manually by the NMC Service Representative regardless of the order receipt mode. In addition, a NMC Service Representative inputs the Data Gathering Form (DGF) into the system for Complex orders.

[1] A Service Representative in the NOREC enters the faxed LSR into SIGS.

NOREC

The Service Representatives in the NOREC enter all faxed orders into SIGS. The table below lists the tasks completed by the NOREC:

Manual Order Processing	Manual Order Editing
• Log receipt of faxed LSR • Determine LSOG number • Manually note NMC on LSR • Enter LSR into tracking system • Enter LSR into SIGS • File manual LSR for editing	• Access Editor • Review LSR for completeness • Correct errors • Verify changes; fax CLEC changes

Once the manual order is in SIGS and has been edited, the order flows to the NMC.

NMC and NOREC - Data Collection

The cost team conducted Work Sampling studies in the Durham NMC and the San Angelo NOREC in 1999. Work Sampling is a method of work measurement. In this study, the cost managers estimated the proportions of time spent by the Service Representatives on the pre-ordering and ordering activities. These estimates are based on a large number of observations. The underlying assumption is that the proportion of time the activity is observed in the sample will be the proportion of time spent on the activity in general. After the cost team recorded their observations for the Work Sampling study, they worked with SMEs to determine the frequency of the activities for each of the order processing modes. Additionally, SMEs provided time estimates for activities that were not observed during the study. (See Appendix Tab 1 for details of the Work Sampling study.)

NMC/NOREC: UNEs and Services

The NMC/NOREC process all of the CLEC LSRs for Local Wholesale Elements. Local Wholesale Elements include the following UNEs:

Exchange - Basic UNEs:	**Exchange - Complex UNEs**
• 2-wire Voice Grade Loop • NID • Analog Line Side Port • Vertical Features • INP • Subloop Distribution • Subloop Feeder • Unbundled Customer Serving Terminal (drop)	• CentraNet Port • ISDN BRI Port • 2-Wire Digital Capable Loop • Loop Conditioning • Line-sharing
Advanced/Special - Basic UNEs:	**Advanced/Special - Complex UNEs:**
• 2-Wire Digital Loop • 4-Wire Voice Grade Loop • 4-Wire Digital Loop	• DS1 Loop • DS3 Loop

The cost team calculated the ordering costs for Local Wholesale UNEs on a *per order* basis.

Verizon costed the following NMC/NOREC responsibilities for UNEs:

CLEC Establishment - As described in the Introduction, Verizon establishes an account in each state that the CLEC requests. Once the accounts are established, the CLEC can submit LSRs to Verizon. The NMC processes all of the CLEC Establishment requests.

Verizon's Service Representative receives and reviews the CLEC profile, then updates the billing usage tables for toll. This activity creates the bill masters in NOCV.

Pre-ordering Information - If the CLEC requests pre-order information for Exchange or Advanced/Special UNEs, the NMC Service Representative enters the end-user

customer information, provides a telephone number if requested, and verifies that vertical services are available if requested. The frequency of Pre-order requests was determined through Work Sampling in the NMC. The cost for the manual look-up of Pre-ordering information is on a per occurrence basis.

Customer Service Record (CSR) Request - If the CLEC requests a CSR and the request cannot be completed electronically, the Service Representative processes the request, pulls the record, then faxes (or mails) it to the CLEC. The cost is per occurrence.

New Orders for Exchange - Basic UNE- New orders can be received electronically or via facsimile. Verizon's NOREC Service Representative enters the faxed LSR into SIGS. LSRs received electronically are checked for errors by the front-end editor; if there are errors, the LSR is returned electronically to the CLEC. For both faxed and electronically submitted LSRs, the NMC representative manually enters the new order into NOCV and sends the Local Service Confirmation (LSC) to the CLEC.

New Orders for Exchange - Complex UNE - These orders can be received electronically or via facsimile. The order processing, however, currently is performed manually by the NMC Service Representative because of the complexity of the service and the number of variables. Complex services require the Data Gathering Form (DGF); the DGF details system /station features and service configuration. The NMC Service Representative enters the DGF information into the Gathering On-line Data (GOLD) system for distribution to the appropriate work centers.

New Orders for Advanced/Special - Basic and Complex UNEs - Orders for Advanced/Special Services - Basic and Complex can be received electronically or via facsimile. The order processing, however, is done manually by the NMC Service Representative due to the number of variables, the complexity of the service, and because these services require designs.

UNE-P Migration Orders - As Is + or -, and As Specified Migration orders can be received electronically or via facsimile. The front end processing and the entry into the NOCV system are the same as for "New" UNE orders.

Change Orders - When a CLEC requests changes in vertical features, central office Switch Feature Groups or in central office wiring (C.O. Connection), the change order is used. (If the CLEC wants to add loops, ports, or other UNEs to an existing service, the new order process applies.) Change orders can be received electronically or via facsimile. Verizon's NOREC Service Representative enters the faxed LSR into SIGS. LSRs received electronically are checked for errors by the front-end editor; if

there are errors, the LSR is returned electronically to the CLEC. For both faxed and electronically submitted LSRs, the NMC Representative enters the change order into NOCV and sends the LSC to the CLEC.

Disconnect Orders - Disconnect orders can be received electronically or via facsimile. Verizon's NOREC Service Representative enters the faxed LSR into SIGS. LSRs received electronically are checked for errors by the front-end editor; if there are errors, the LSR is returned electronically to the CLEC. For both faxed and electronically submitted LSRs, the NMC representative enters the disconnect order into NOCV and sends the LSC to the CLEC.

Record Orders - These orders can be received electronically or via facsimile. Verizon's NOREC Service Representative enters the faxed LSR into SIGS. LSRs received electronically are checked for errors by the front-end editor; if there are errors, the LSR is returned electronically to the CLEC. For both faxed and electronically submitted LSRs, the NMC representative keys the LSR into NOCV and sends the LSC to the CLEC.

Other Services - The NMC Service Representative is involved in other services required by the CLEC, such as Coordinated Conversion, Hot Cut Coordinated Conversion, and Expedites.

- Coordinated Conversion/ Hot Cut Coordinated Conversion - When the NMC receives the request from the CLEC, the Service Representative calls Provisioning to establish the time of the conversion and to schedule the appointment.
- Expedites - When the NMC receives the request from the CLEC, the Service Representative calls the Division Resource Management Group to establish the expedited order and schedule the due date.

NACC

The NACC processes all of the CLEC ASRs for Network Wholesale Elements. Network Wholesale Elements include the following UNEs and Access services:

Dedicated Switched Access Lines	Entrance Facilities
Dedicated Switched Access Transport	Enhanced Extended Links (EEL)
SS7 Links	Dark Fiber
STP Ports	
Dedicated Non-Switched Transport	

The CLEC sends an ASR to Verizon's NACC using the EXACT system, fax or mail. When the ASR is received in the NACC, the Service Representative performs the following tasks:

Receipt via EXACT:	Receipt via fax or mail:
• Reviews ASR for completeness and accuracy • Receives facility information from other workgroups • Clears any discrepancies with the CLEC • Generates the Service Order Processor (SOP) to downstream workgroups. • Receives a completion notice from SOP • Posts completion notice in CABS and the EXACT system	• Logs receipt of ASR • Enters ASR information into EXACT • ASR is then processed like those received via the EXACT system.

The cost team conducted a time and motion study of the activities required to process ASRs in the NACC. (See Appendix Tab 1 for details of the time and motion study.)

The cost team calculated the ordering costs for Network Wholesale UNEs on a *per order* basis.

NACC: UNEs and Services
Verizon costed the following NACC responsibilities for UNEs:

New Order - This type of order applies when the CLEC requests the installation of EELs, facilities and/or trunks; this can be for completely new facilities/trunks, or for an augment to existing facilities/trunk groups. An order for a facility with trunks will generate two separate orders, one for the facility and one for the trunks that ride it.

Disconnect Order - This type of order applies when the CLEC requests the complete removal of an EEL, the cancellation of both the facility and associated trunks, or the reduction in the number of trunks on a facility (without canceling the facility itself.) A disconnect order for a facility with trunks will lead to the generation of two separate orders, one for the facility and one for the trunks that ride it.

Migration As Is - This type of order applies when an IXC (with CLEC) status converts Special Access embedded facilities (combined) to EELs with UNE rates. Submitting ASRs for conversion activity is the expectation of Verizon for a quantity of less than fifty ASRs. For quantities greater than or equal to fifty, a Mass Order Generator (MOG) will be used for migrating Special Access lines to EEL combinations. The MOG cost is in addition to the costs for ordering EEL migrations.

Change Order - This type of order applies when the CLEC requests the addition, modification, or removal of a feature or option of the existing service. Change orders do not apply to adding or removing trunks/facilities. A revision to a pending ASR is not considered a change order; it is a supplemental ("supp'd") order.

There are two types of change orders: 1) Without Engineering Review, and 2) With Engineering Review. When a Verizon Design Engineer or Design Technician is involved to ensure the modification will not change the circuit transmission parameters, there are additional non-recurring costs.

Dark Fiber Pre-ordering Information - If the CLEC requests pre-order information for Dark Fiber, the NACC Service Representative contacts the appropriate provisioning group. Once the assessment of availability is made, the information is forwarded to the CLEC.

Expedite - The NACC Service Representative must contact the Business Response Provisioning Center (BRPC) to schedule the due date requested by the CLEC.

Fixed Costs of Ordering

The Summary of Costs includes certain fixed non-recurring costs of Local Wholesale activities. These costs and are not attributable to any particular Local Wholesale activity or order type. The ordering fixed costs are displayed as a national aggregate amount. These costs are in addition to the shared/fixed costs of Operations Support Systems (OSS) which are a separate module of the NRC Study entitled "OSS UNE Non-recurring Study."

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Unbundled Network Elements (UNEs)				
Exchange Elements				
Unbundled Loop				
Basic				
New	ORD-1			RUBL-1
Disconnect	ORD-1			RUBL-1
Change CO Connection	ORD-1			RUBL-1
Complex Non-digital				
New	ORD-2			RUBL-2
Disconnect	ORD-2	5		RUBL-2
Change CO Connection	ORD-2			RUBL-2
Complex Digital				
New	ORD-3			RUBL-3
Disconnect	ORD-3			RUBL-3
Change CO Connection	ORD-3			RUBL-3

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Unbundled Network Elements (UNEs)				
Exchange Elements				
Unbundled Port				
Basic				
New	ORD-4			RUBP-1
Disconnect	ORD-4			RUBP-1
Change Port Feature	ORD-5			RUBP-1
Change CO Connection	ORD-5			RUBP-1
Complex Non-digital				
New	ORD-6			RUBP-2
Disconnect	ORD-6			RUBP-2
Change Port Feature	ORD-7			RUBP-2
Change Switch Feature Group	ORD-7			RUBP-2
Change CO Connection	ORD-8			RUBP-2
Complex Digital				
New	ORD-9			RUBP-3
Disconnect	ORD-9			RUBP-3
Change Port Feature	ORD-10			RUBP-3
Change Switch Feature Group	ORD-10			RUBP-3
Change CO Connection	ORD-11			RUBP-3

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Unbundled Network Elements (UNEs)				
Exchange Elements				
Interim Number Portability				
New	ORD-12			RINP
Disconnect	ORD-12			RINP
Change	ORD-12			RINP
Subloop Unbundling				
FDI - Feeder Connection				
New	ORD-13			RUSL-1
Disconnect	ORD-13			RUSL-1
Change Facililty Connection	ORD-13	5		RUSL-1
FDI - Distribution Connection				
New	ORD-14			RUSL-1
Disconnect	ORD-14			RUSL-1
Change Facililty Connection	ORD-14			RUSL-1
Serving Terminal Connection				
New	ORD-15			RUSL-2
Disconnect	ORD-15			RUSL-2
Change Facililty Connection	ORD-15			RUSL-2

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Unbundled Network Elements (UNEs)				
Exchange Elements				
Line Sharing				
CLEC CO Splitter Connection				
New				
Disconnect				
Change CO Connection				
Loop Conditioning				
Bridged Tap Removal				
One Occurrence	ORD-17			RLCC
Multiple Occurrences	ORD-17			RLCC
Load Coil Removal				
Load Coil Removal Only	ORD-17			RLCC
Combinations				
Bridged Tap (One) and Load Coil	ORD-17			RLCC
Bridged Tap (Multiple) and Load Coil	ORD-17			RLCC

Not Included in this Filing

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Unbundled Network Elements (UNEs)				
Advanced/Special Elements				
Unbundled Loop				
Basic				
New	ORD-18			RUBL-4
Disconnect	ORD-18			RUBL-4
Change CO Connection	ORD-18			RUBL-4
Complex				
New	ORD-19			RUBL-5
Disconnect	ORD-19			RUBL-5
Change CO Connection	ORD-19			RUBL-5
Unbundled Port				
Complex				
New	ORD-20			RUBL-4
Disconnect	ORD-20			RUBL-4
Change CO Connection	ORD-20			RUBL-4

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
UNE-Platforms (UNE-Ps)				
Exchange Elements				
Basic				
Migration As Is +/-	ORD-21			RUNP-1
Change Line Feature	ORD-21			RUNP-1
Complex Non-digital				
Migration As Specified	ORD-22			RUNP-2
Change Line Feature	ORD-22			RUNP-2
Change Switch Feature Group	ORD-23			RUNP-2
Complex Digital				
Migration As Specified	ORD-24			RUNP-3
Change Line Feature	ORD-24			RUNP-3
Change Switch Feature Group	ORD-25			RUNP-3

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
UNE-Platforms (UNE-Ps)				
Advanced/Special Elements				
Complex				
Migration As Specified	ORD-26	5		RUNP-4
Change	ORD-26			RUNP-4
Record Order (All UNE-Ps)	ORD-26			RORF

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Exchange and Advanced/Special Elements				
Network Interface Device (NID)	ORD-27			RNID
House and Riser (Terminal Block)				
New	ORD-27			RUHR
Disconnect	ORD-27			RUHR
Coordinated Conversion				
Exchange Elements				
Process 1				
Standard Interval	ORD-28			RCOC
Process 2				
Standard Interval	ORD-28			RCOC
Additional Interval	ORD-28	5		RCOC
Process 3				
Standard Interval	ORD-28			RCOC
Additional Interval	ORD-28			RCOC
Advanced/Special Elements				
Process 1				
Standard Interval	ORD-28			RCOC
Process 2				
Standard Interval	ORD-28			RCOC
Additional Interval	ORD-28			RCOC
Process 3				
Standard Interval	ORD-28			RCOC
Additional Interval	ORD-28			RCOC

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Exchange and Advanced/Special Elements				
Hot Cut Coordinated Conversion				
Exchange Elements				
Process 1				
Standard Interval	ORD-29			RHCC
Process 2				
Standard Interval	ORD-29			RHCC
Additional Interval	ORD-29			RHCC
Process 3				
Standard Interval	ORD-29			RHCC
Additional Interval	ORD-29			RHCC
Advanced/Special Elements		5		
Process 1				
Standard Interval	ORD-29			RHCC
Process 2				
Standard Interval	ORD-29			RHCC
Additional Interval	ORD-29			RHCC
Process 3				
Standard Interval	ORD-29			RHCC
Additional Interval	ORD-29			RHCC

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Exchange and Advanced/Special Elements				
Expedites				
Exchange Elements	ORD-30			REXP
Advanced/Special Elements	ORD-30			REXP
Preordering	ORD-30			RORF
Record Order	ORD-30		5	RORF
Customer Service Record Search	ORD-30			REXP
CLEC Account Establishment	ORD-30			REXP
No Access Customer Will Advise	ORD-30			REXP

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Network Wholesale Elements				
Inter-office Dedicated Transport				
DS0 and Fractional T-1				
New	ORD-31			RIDT
Disconnect	ORD-31			RIDT
Change	ORD-32			RIDT
DS1 and Higher				
New	ORD-33	5		RIDT
Disconnect	ORD-33			RIDT
Change	ORD-34			RIDT
Record Order	ORD-34			RORF

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
CLEC Dedicated Transport				
DS0 and Fractional T-1				
New	ORD-35			RCDT
Disconnect	ORD-35			RCDT
Change	ORD-36			RCDT
			5	
DS1 and Higher				
New	ORD-37			RCDT
Disconnect	ORD-37			RCDT
Change	ORD-38			RCDT

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Signaling System Seven (SS7)				
Trunk Ports				
Facilities and Trunks				
New	ORD-39			RSS7-1
Disconnect	ORD-39			RSS7-1
Change w/ Engineering Review	ORD-40			RSS7-1
Change w/o Engineering Review	ORD-40			RSS7-1
Trunk Only				
New	ORD-41			RSS7-2
Disconnect	ORD-41	5		RSS7-2
Change w/ Engineering Review	ORD-42			RSS7-2
Change w/o Engineering Review	ORD-42			RSS7-2
STP Ports (SS7 Links)				
New	ORD-43			RSS7-2
Disconnect	ORD-43			RSS7-2

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Enhanced Extended Links (EELs)				
Basic				
New	ORD-44			REEL-1
Disconnect	ORD-44			REEL-1
Migration As Is	ORD-45			REEL-1
Migration As Is - MOG	ORD-45			REEL-1
Change	ORD-45			REEL-1
Complex				
DS0 and Fractional T-1				
New	ORD-46			REEL-2
Disconnect	ORD-46			REEL-2
Migration As Is	ORD-47			REEL-2
Migration As Is - MOG	ORD-47	5		REEL-2
Change	ORD-47			REEL-2
DS1 and Higher				
New	ORD-48			REEL-3
Disconnect	ORD-48			REEL-3
Migration As Is	ORD-49			REEL-3
Migration As Is - MOG	ORD-49			REEL-3
Change	ORD-49			REEL-3
Multiplexing	ORD-49			REEL-3

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

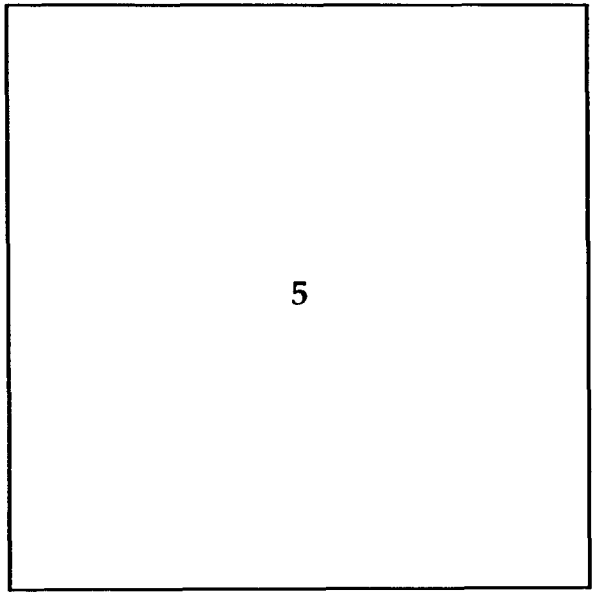
Description	Source	Manual Order	Semi-Mechanized Order	Destination
		A=Source	B=Source	
Dark Fiber				
Preordering				
Exchange Facilities	ORD-50			RUDF
Inter-office Facilities	ORD-50			RUDF
UNE Inter-office Dedicated Transport				
New	ORD-50			RUDF
Disconnect	ORD-50			RUDF
Unbundled Loop				
New	ORD-50			RUDF
Disconnect	ORD-50	5		RUDF
Subloop Feeder				
New	ORD-50			RUDF
Disconnect	ORD-50			RUDF
Subloop Distribution				
New	ORD-50			RUDF
Disconnect	ORD-50			RUDF

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Summary of Costs

Description	Source	Total Cost A=Source	Destination
NMC Shared/Fixed Costs	AOIS-21	5	RFIX

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Loop							
	Basic							
	New							
1	Manual LSR Receipt	AOIS-1						
2	Manual LSR Entry	AOIS-1						
3	Manual LSR Edit	AOIS-1						
4	Order Processing	AOIS-2						
5	Off-line Processing	AOIS-1						
6	Total	Sum Lns (1..5)						ORS-1
	Disconnect							
7	Manual LSR Receipt	AOIS-1						
8	Manual LSR Entry	AOIS-1						
9	Manual LSR Edit	AOIS-1						
10	Order Processing	AOIS-2						
11	Off-line Processing	AOIS-1						
12	Total	Sum Lns (7..11)						ORS-1
	Change CO Connection							
13	Manual LSR Receipt	AOIS-1						
14	Manual LSR Entry	AOIS-1						
15	Manual LSR Edit	AOIS-1						
16	Order Processing	AOIS-2						
17	Off-line Processing	AOIS-1						
18	Total	Sum Lns (13..17)						ORS-1



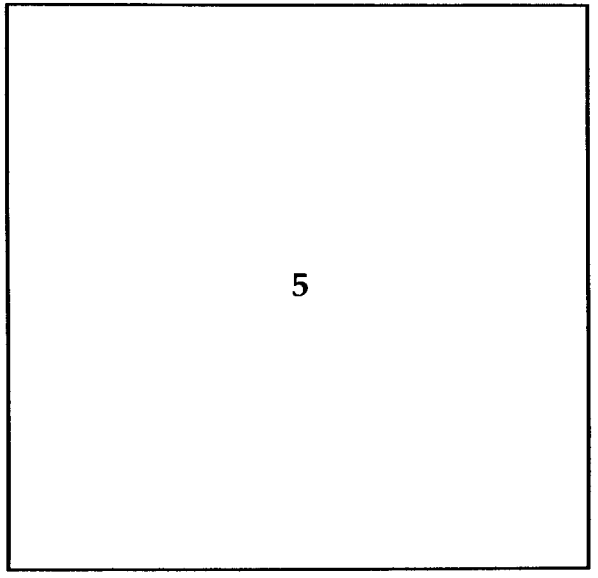
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Loop							
	Complex Non-digital							
	New							
19	Manual LSR Receipt	AOIS-1						
20	Manual LSR Entry	AOIS-1						
21	Manual LSR Edit	AOIS-1						
23	Order Processing	AOIS-2						
24	Off-line Processing	AOIS-1						
25	Total	Sum Lns (19..24)						ORS-1
	Disconnect							
26	Manual LSR Receipt	AOIS-1						
27	Manual LSR Entry	AOIS-1						
28	Manual LSR Edit	AOIS-1						
29	Order Processing	AOIS-2						
30	Off-line Processing	AOIS-1						
31	Total	Sum Lns (26..30)						ORS-1
	Change CO Connection							
32	Manual LSR Receipt	AOIS-1						
33	Manual LSR Entry	AOIS-1						
34	Manual LSR Edit	AOIS-1						
35	Order Processing	AOIS-2						
36	Off-line Processing	AOIS-1						
37	Total	Sum Lns (32..36)						ORS-1

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Loop							
	Complex Digital							
	New							
38	Manual LSR Receipt	AOIS-1						
39	Manual LSR Entry	AOIS-1						
40	Manual LSR Edit	AOIS-1						
42	Order Processing	AOIS-2						
43	Off-line Processing	AOIS-1						
44	Total	Sum Lns (38..43)						ORS-1
	Disconnect							
45	Manual LSR Receipt	AOIS-1						
46	Manual LSR Entry	AOIS-1						
47	Manual LSR Edit	AOIS-1						
48	Order Processing	AOIS-2						
49	Off-line Processing	AOIS-1						
50	Total	Sum Lns (45..49)						ORS-1
	Change CO Connection							
51	Manual LSR Receipt	AOIS-1						
52	Manual LSR Entry	AOIS-1						
53	Manual LSR Edit	AOIS-1						
54	Order Processing	AOIS-2						
55	Off-line Processing	AOIS-1						
56	Total	Sum Lns (51..55)						ORS-1



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Basic							
	New							
57	Manual LSR Receipt	AOIS-1						
58	Manual LSR Entry	AOIS-1						
59	Manual LSR Edit	AOIS-1						
60	Order Processing	AOIS-3						
61	Off-line Processing	AOIS-1						
62	Total	Sum Lns (57..61)						ORS-2
	Disconnect							
63	Manual LSR Receipt	AOIS-1						
64	Manual LSR Entry	AOIS-1						
65	Manual LSR Edit	AOIS-1						
66	Order Processing	AOIS-3						
67	Off-line Processing	AOIS-1						
68	Total	Sum Lns (63..67)						ORS-2

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Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Basic							
	Change Port Feature							
69	Manual LSR Receipt	AOIS-1						
70	Manual LSR Entry	AOIS-1						
71	Manual LSR Edit	AOIS-1						
72	Order Processing	AOIS-3						
73	Off-line Processing	AOIS-1						
74	Total	Sum Lns (69..73)						ORS-2
	Change CO Connection							
75	Manual LSR Receipt	AOIS-1						
76	Manual LSR Entry	AOIS-1						
77	Manual LSR Edit	AOIS-1						
78	Order Processing	AOIS-3						
79	Off-line Processing	AOIS-1						
80	Total	Sum Lns (75..79)						ORS-2

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Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Non-digital							
	New							
81	Manual LSR Receipt	AOIS-1						
82	Manual LSR Entry	AOIS-1						
83	Manual LSR Edit	AOIS-1						
84	Manual DGF Processing	AOIS-1						
85	Order Processing	AOIS-3						
86	Off-line Processing	AOIS-1						
87	Total	Sum Lns (81..86)			5			ORS-2
	Disconnect							
88	Manual LSR Receipt	AOIS-1						
89	Manual LSR Entry	AOIS-1						
90	Manual LSR Edit	AOIS-1						
91	Order Processing	AOIS-3						
92	Off-line Processing	AOIS-1						
93	Total	Sum Lns (88..92)						ORS-2

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Non-digital							
	Change Port Feature							
94	Manual LSR Receipt	AOIS-1						
95	Manual LSR Entry	AOIS-1						
96	Manual LSR Edit	AOIS-1						
97	Order Processing	AOIS-3						
98	Off-line Processing	AOIS-1						
99	Total	Sum Lns (94..98)						ORS-2
	Change Switch Feature Group							
100	Manual LSR Receipt	AOIS-1						
101	Manual LSR Entry	AOIS-1						
102	Manual LSR Edit	AOIS-1						
103	Manual DGF Processing	AOIS-1						
104	Order Processing	AOIS-3						
105	Off-line Processing	AOIS-1						
106	Total	Sum Lns (100..105)						ORS-2

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Non-digital							
107	Change CO Connection							
108	Manual LSR Receipt	AOIS-1						
109	Manual LSR Entry	AOIS-1						
110	Manual LSR Edit	AOIS-1						
111	Order Processing	AOIS-3						
112	Off-line Processing	AOIS-1						
113	Total	Sum Lns (107..112)						ORS-2

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Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Digital							
	New							
114	Manual LSR Receipt	AOIS-1						
115	Manual LSR Entry	AOIS-1						
116	Manual LSR Edit	AOIS-1						
117	Manual DGF Processing	AOIS-1						
118	Order Processing	AOIS-3						
119	Off-line Processing	AOIS-1						
120	Total	Sum Lns (114..119)						ORS-2
	Disconnect							
121	Manual LSR Receipt	AOIS-1						
122	Manual LSR Entry	AOIS-1						
123	Manual LSR Edit	AOIS-1						
124	Order Processing	AOIS-3						
125	Off-line Processing	AOIS-1						
126	Total	Sum Lns (121..125)						ORS-2

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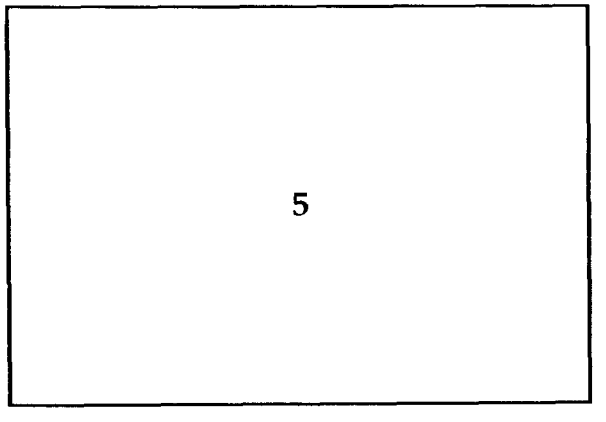
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Digital							
	Change Port Feature							
127	Manual LSR Receipt	AOIS-1						
128	Manual LSR Entry	AOIS-1						
129	Manual LSR Edit	AOIS-1						
130	Order Processing	AOIS-3						
131	Off-line Processing	AOIS-1						
132	Total	Sum Lns (127..131)						ORS-2
	Change Switch Feature Group							
133	Manual LSR Receipt	AOIS-1						
134	Manual LSR Entry	AOIS-1						
135	Manual LSR Edit	AOIS-1						
136	Manual DGF Processing	AOIS-1						
137	Order Processing	AOIS-3						
138	Off-line Processing	AOIS-1						
	Total	Sum Lns (133..138)						ORS-2

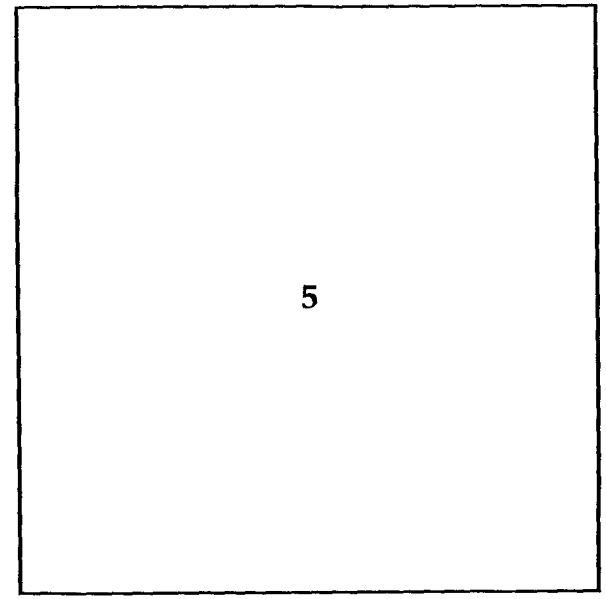


Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Unbundled Port							
	Complex Digital							
	Change CO Connection							
139	Manual LSR Receipt	AOIS-1						
140	Manual LSR Entry	AOIS-1						
141	Manual LSR Edit	AOIS-1						
142	Order Processing	AOIS-3			5			
143	Off-line Processing	AOIS-1						
144	Total	Sum Lns (139..143)						ORS-2

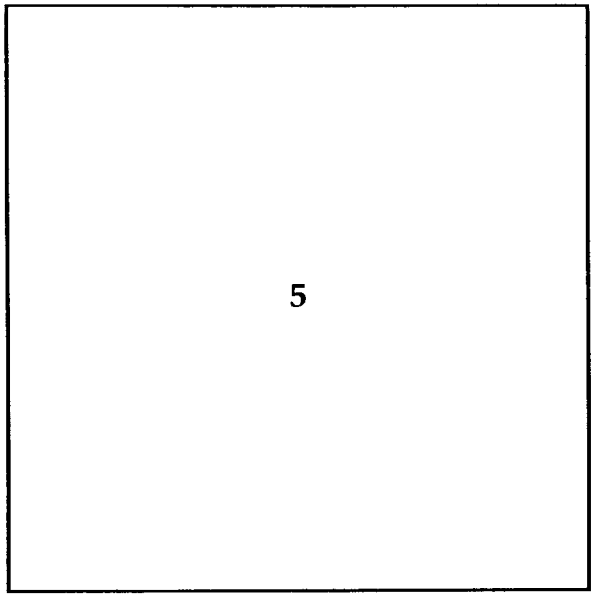
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Interim Number Portability							
	New							
145	Manual LSR Receipt	AOIS-1						
146	Manual LSR Entry	AOIS-1						
147	Manual LSR Edit	AOIS-1						
148	Order Processing	AOIS-5						
149	Off-line Processing	AOIS-1						
150	Total	Sum Lns (145..149)						ORS-3
	Disconnect							
151	Manual LSR Receipt	AOIS-1						
152	Manual LSR Entry	AOIS-1						
153	Manual LSR Edit	AOIS-1						
154	Order Processing	AOIS-5						
155	Off-line Processing	AOIS-1						
156	Total	Sum Lns (151..155)						ORS-3
	Change							
157	Manual LSR Receipt	AOIS-1						
158	Manual LSR Entry	AOIS-1						
159	Manual LSR Edit	AOIS-1						
160	Order Processing	AOIS-5						
161	Off-line Processing	AOIS-1						
162	Total	Sum Lns (157..161)						ORS-3



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Subloop Unbundling							
	FDI - Feeder Connection							
	New							
163	Manual LSR Receipt	AOIS-1						
164	Manual LSR Entry	AOIS-1						
165	Manual LSR Edit	AOIS-1						
166	Order Processing	AOIS-5						
167	Off-line Processing	AOIS-1						
168	Total	Sum Lns (163..167)						ORS-3
	Disconnect							
169	Manual LSR Receipt	AOIS-1						
170	Manual LSR Entry	AOIS-1						
171	Manual LSR Edit	AOIS-1						
172	Order Processing	AOIS-5						
173	Off-line Processing	AOIS-1						
174	Total	Sum Lns (169..173)						ORS-3
	Change Facililty Connection							
175	Manual LSR Receipt	AOIS-1						
176	Manual LSR Entry	AOIS-1						
177	Manual LSR Edit	AOIS-1						
178	Order Processing	AOIS-5						
179	Off-line Processing	AOIS-1						
180	Total	Sum Lns (175..179)						ORS-3



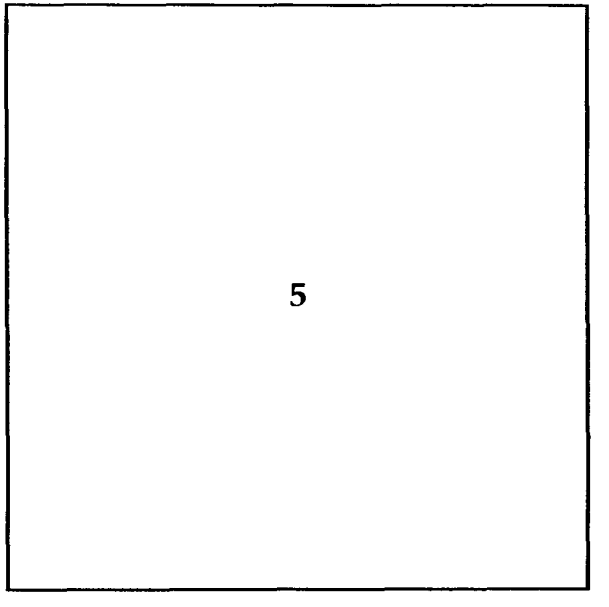
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Subloop Unbundling							
	FDI - Distribution Connection							
	New							
181	Manual LSR Receipt	AOIS-1						
182	Manual LSR Entry	AOIS-1						
183	Manual LSR Edit	AOIS-1						
184	Order Processing	AOIS-5						
185	Off-line Processing	AOIS-1						
186	Total	Sum Lns (181..185)						ORS-3
	Disconnect							
187	Manual LSR Receipt	AOIS-1						
188	Manual LSR Entry	AOIS-1						
189	Manual LSR Edit	AOIS-1						
190	Order Processing	AOIS-5						
191	Off-line Processing	AOIS-1						
192	Total	Sum Lns (187..191)						ORS-3
	Change Facililty Connection							
193	Manual LSR Receipt	AOIS-1						
194	Manual LSR Entry	AOIS-1						
195	Manual LSR Edit	AOIS-1						
196	Order Processing	AOIS-5						
197	Off-line Processing	AOIS-1						
198	Total	Sum Lns (193..197)						ORS-3

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Subloop Unbundling							
	Serving Terminal Connection							
	New							
199	Manual LSR Receipt	AOIS-1						
200	Manual LSR Entry	AOIS-1						
201	Manual LSR Edit	AOIS-1						
202	Order Processing	AOIS-5						
203	Off-line Processing	AOIS-1						
204	Total	Sum Lns (199..203)						ORS-3
	Disconnect							
205	Manual LSR Receipt	AOIS-1						
206	Manual LSR Entry	AOIS-1						
207	Manual LSR Edit	AOIS-1						
208	Order Processing	AOIS-5						
209	Off-line Processing	AOIS-1						
210	Total	Sum Lns (205..209)						ORS-3
	Change Facililty Connection							
211	Manual LSR Receipt	AOIS-1						
212	Manual LSR Entry	AOIS-1						
213	Manual LSR Edit	AOIS-1						
214	Order Processing	AOIS-5						
215	Off-line Processing	AOIS-1						
216	Total	Sum Lns (211..215)						ORS-3



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Line Sharing							
	CLEC CO Splitter Connection							
	New							
217	Manual LSR Receipt							
218	Manual LSR Entry							
219	Manual LSR Edit							
220	Order Processing							
221	Off-line Processing							
222	Total							
	Disconnect							
223	Manual LSR Receipt							
224	Manual LSR Entry							
225	Manual LSR Edit							
226	Order Processing							
227	Off-line Processing							
228	Total							
	Change CO Connection							
229	Manual LSR Receipt							
230	Manual LSR Entry							
231	Manual LSR Edit							
232	Order Processing							
233	Off-line Processing							
234	Total							

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Exchange Elements							
	Loop Conditioning							
	Bridged Tap Removal							
235	One Occurrence	AOIS-6						ORS-4
236	Multiple Occurrences	AOIS-6						ORS-4
237	Load Coil Removal							
238	Load Coil Removal Only	AOIS-6						ORS-4
	Combinations							
239	Bridged Tap (One) and Load Coil	AOIS-6						ORS-4
240	Bridged Tap (Multiple) and Load Coil	AOIS-6						ORS-4

5

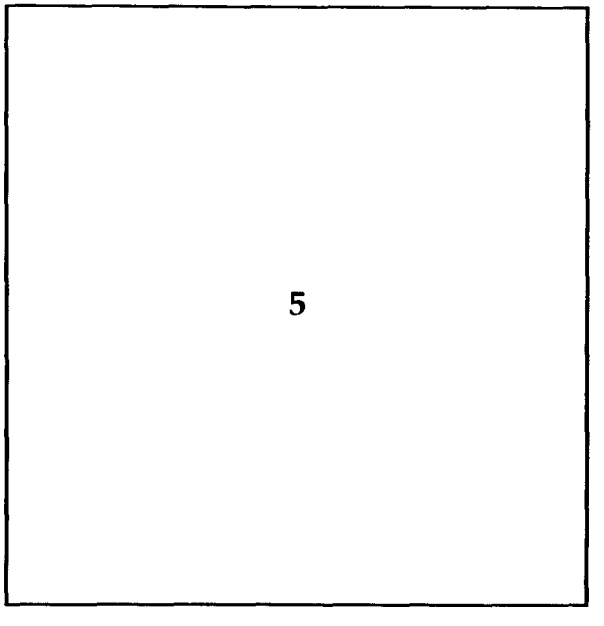
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Advanced/Special Elements							
	Unbundled Loop							
	Basic							
	New							
241	Manual LSR Receipt	AOIS-1						
242	Manual LSR Entry	AOIS-1						
243	Manual LSR Edit	AOIS-1						
244	Order Processing	AOIS-4						
245	Off-line Processing	AOIS-1						
246	Total	Sum Lns (241..245)						ORS-5
	Disconnect							
247	Manual LSR Receipt	AOIS-1						
248	Manual LSR Entry	AOIS-1						
249	Manual LSR Edit	AOIS-1						
250	Order Processing	AOIS-4						
251	Off-line Processing	AOIS-1						
252	Total	Sum Lns (247..251)						ORS-5
	Change CO Connection							
253	Manual LSR Receipt	AOIS-1						
254	Manual LSR Entry	AOIS-1						
255	Manual LSR Edit	AOIS-1						
256	Order Processing	AOIS-4						
257	Off-line Processing	AOIS-1						
258	Total	Sum Lns (253..257)						ORS-5

5

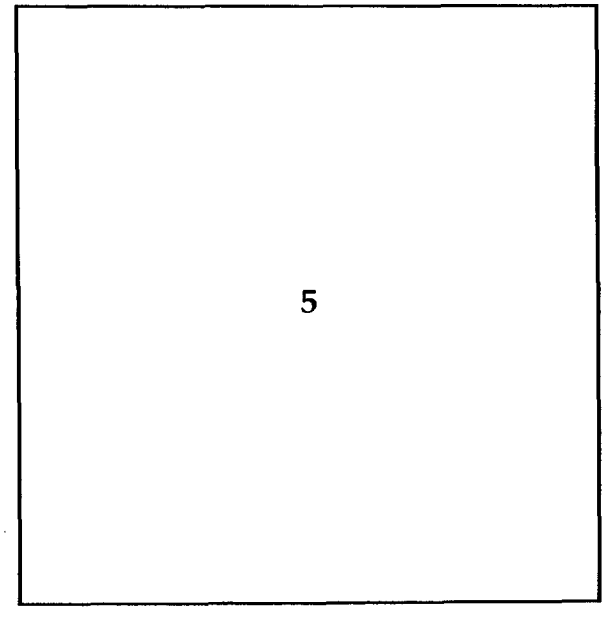
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Advanced/Special Elements							
	Unbundled Loop							
	Complex							
	New							
259	Manual LSR Receipt	AOIS-1						
260	Manual LSR Entry	AOIS-1						
261	Manual LSR Edit	AOIS-1						
262	Manual DGF Processing	AOIS-1						
263	Order Processing	AOIS-4						
264	Off-line Processing	AOIS-1						
	Total	Sum Lns (259..264)						ORS-5
	Disconnect							
265	Manual LSR Receipt	AOIS-1						
266	Manual LSR Entry	AOIS-1						
267	Manual LSR Edit	AOIS-1						
268	Order Processing	AOIS-4						
269	Off-line Processing	AOIS-1						
270	Total	Sum Lns (265..269)						ORS-5
	Change CO Connection							
271	Manual LSR Receipt	AOIS-1						
272	Manual LSR Entry	AOIS-1						
273	Manual LSR Edit	AOIS-1						
274	Order Processing	AOIS-4						
275	Off-line Processing	AOIS-1						
276	Total	Sum Lns (271..275)						ORS-5



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Unbundled Network Elements (UNEs)							
	Advanced/Special Elements							
	Unbundled Port							
	Complex							
	New							
277	Manual LSR Receipt	AOIS-1						
278	Manual LSR Entry	AOIS-1						
279	Manual LSR Edit	AOIS-1						
280	Manual DGF Processing	AOIS-1						
281	Order Processing	AOIS-4						
282	Off-line Processing	AOIS-1						
	Total	Sum Lns (277..282)						ORS-5
	Disconnect							
283	Manual LSR Receipt	AOIS-1						
284	Manual LSR Entry	AOIS-1						
285	Manual LSR Edit	AOIS-1						
286	Order Processing	AOIS-4						
287	Off-line Processing	AOIS-1						
288	Total	Sum Lns (283..287)						ORS-5
	Change CO Connection							
289	Manual LSR Receipt	AOIS-1						
290	Manual LSR Entry	AOIS-1						
291	Manual LSR Edit	AOIS-1						
292	Order Processing	AOIS-4						
293	Off-line Processing	AOIS-1						
294	Total	Sum Lns (289..293)						ORS-5



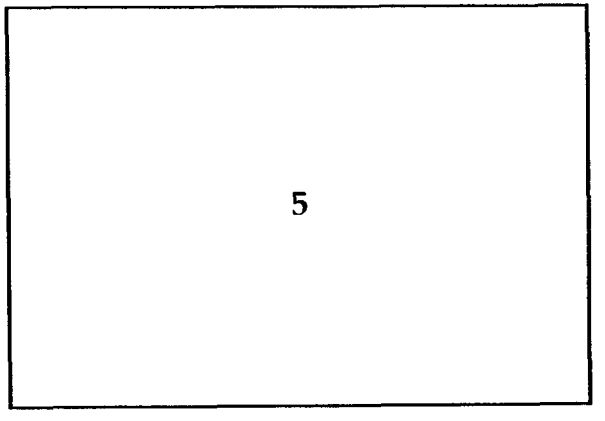
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Exchange Elements							
	Basic							
	Migration As Is +/-							
295	Manual LSR Receipt	AOIS-1						
296	Manual LSR Entry	AOIS-1						
297	Manual LSR Edit	AOIS-1						
298	Order Processing	AOIS-7						
299	Off-line Processing	AOIS-1						
300	Total	Sum Lns (295..299)						ORS-6
	Change Line Feature							
301	Manual LSR Receipt	AOIS-1						
302	Manual LSR Entry	AOIS-1						
303	Manual LSR Edit	AOIS-1						
304	Order Processing	AOIS-7						
305	Off-line Processing	AOIS-1						
306	Total	Sum Lns (301..305)						ORS-6

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Exchange Elements							
	Complex Non-digital							
	Migration As Specified							
307	Manual LSR Receipt	AOIS-1						
308	Manual LSR Entry	AOIS-1						
309	Manual LSR Edit	AOIS-1						
310	Manual DGF Processing	AOIS-1						
311	Order Processing	AOIS-7						
312	Off-line Processing	AOIS-1						
313	Total	Sum Lns (307..312)						ORS-6
	Change Line Feature							
314	Manual LSR Receipt	AOIS-1						
315	Manual LSR Entry	AOIS-1						
316	Manual LSR Edit	AOIS-1						
317	Order Processing	AOIS-7						
318	Off-line Processing	AOIS-1						
319	Total	Sum Lns (314..318)						ORS-6



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Exchange Elements							
	Complex Non-digital							
	Change Switch Feature Group							
320	Manual LSR Receipt	AOIS-1						
321	Manual LSR Entry	AOIS-1						
322	Manual LSR Edit	AOIS-1						
323	Manual DGF Processing	AOIS-1						
324	Order Processing	AOIS-7						
325	Off-line Processing	AOIS-1						
326	Total	Sum Lns (321..325)			5			ORS-6

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Exchange Elements							
	Complex Digital							
	Migration As Specified							
327	Manual LSR Receipt	AOIS-1						
328	Manual LSR Entry	AOIS-1						
329	Manual LSR Edit	AOIS-1						
330	Manual DGF Processing	AOIS-1						
331	Order Processing	AOIS-7						
332	Off-line Processing	AOIS-1						
333	Total	Sum Lns (327..332)						ORS-6
	Change Line Feature							
334	Manual LSR Receipt	AOIS-1						
335	Manual LSR Entry	AOIS-1						
336	Manual LSR Edit	AOIS-1						
337	Order Processing	AOIS-7						
338	Off-line Processing	AOIS-1						
339	Total	Sum Lns (334..338)						ORS-6

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

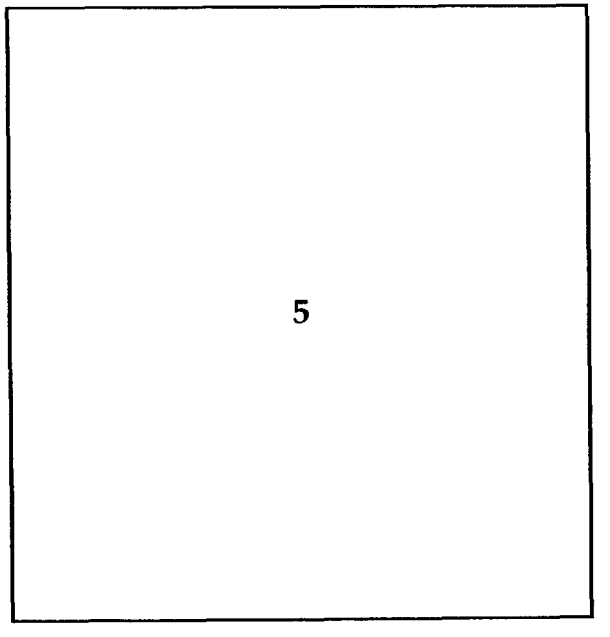
Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Exchange Elements							
	Complex Digital							
	Change Switch Feature Group							
340	Manual LSR Receipt	AOIS-1						
341	Manual LSR Entry	AOIS-1						
342	Manual LSR Edit	AOIS-1						
343	Manual DGF Processing	AOIS-1						
344	Order Processing	AOIS-7						
345	Off-line Processing	AOIS-1						
346	Total	Sum Lns (340..345)			5			ORS-6

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	UNE-Platforms (UNE-Ps)							
	Advanced/Special Elements							
	Complex							
	Migration As Specified							
347	Manual LSR Receipt	AOIS-1						
348	Manual LSR Entry	AOIS-1						
349	Manual LSR Edit	AOIS-1						
350	Manual DGF Processing	AOIS-1						
351	Order Processing	AOIS-8						
352	Off-line Processing	AOIS-1						
353	Total	Sum Lns (347..352)						ORS-7
	Change							
354	Manual LSR Receipt	AOIS-1						
355	Manual LSR Entry	AOIS-1						
356	Manual LSR Edit	AOIS-1						
357	Manual DGF Processing	AOIS-1						
358	Order Processing	AOIS-8						
359	Off-line Processing	AOIS-1						
360	Total	Sum Lns (354..359)						ORS-7
	Record Order (All UNE-Ps)							
361	Manual LSR Receipt	AOIS-1						
362	Manual LSR Entry	AOIS-1						
363	Manual LSR Edit	AOIS-1						
364	Order Processing	AOIS-8						
365	Off-line Processing	AOIS-1						
366	Total	Sum Lns (361..365)						ORS-7
				5				

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Exchange and Advanced/Special Elements							
	Network Interface Device (NID)							
367	Manual LSR Receipt	AOIS-1						
368	Manual LSR Entry	AOIS-1						
369	Manual LSR Edit	AOIS-1						
370	Order Processing	AOIS-9						
371	Off-line Processing	AOIS-1						
372	Total	Sum Lns (367..371)						ORS-8
	House and Riser (Terminal Block)							
	New							
373	Manual LSR Receipt	AOIS-1						
374	Manual LSR Entry	AOIS-1						
375	Manual LSR Edit	AOIS-1						
376	Order Processing	AOIS-9						
377	Off-line Processing	AOIS-1						
378	Total	Sum Lns (373..377)						ORS-8
	Disconnect							
379	Manual LSR Receipt	AOIS-1						
380	Manual LSR Entry	AOIS-1						
381	Manual LSR Edit	AOIS-1						
382	Order Processing	AOIS-2						
383	Off-line Processing	AOIS-1						
384	Total	Sum Lns (379..383)						ORS-8



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Exchange and Advanced/Special Elements							
	Coordinated Conversion							
	Exchange Elements							
	Process 1							
385	Standard Interval	AOIS-9						ORS-8
	Process 2							
386	Standard Interval	AOIS-9						ORS-8
387	Additional Interval	AOIS-9						ORS-8
	Process 3							
388	Standard Interval	AOIS-9						ORS-8
389	Additional Interval	AOIS-9						ORS-8
	Advanced/Special							
	Process 1							
390	Standard Interval	AOIS-9						ORS-8
	Process 2							
391	Standard Interval	AOIS-9						ORS-8
392	Additional Interval	AOIS-9						ORS-8
	Process 3							
393	Standard Interval	AOIS-9						ORS-8
394	Additional Interval	AOIS-9						ORS-8

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Exchange and Advanced/Special Elements							
	Hot Cut Coordinated Conversion							
	Exchange							
	Process 1							
395	Standard Interval	AOIS-10						ORS-9
	Process 2							
396	Standard Interval	AOIS-10						ORS-9
397	Additional Interval	AOIS-10						ORS-9
	Process 3							
398	Standard Interval	AOIS-10						ORS-9
399	Additional Interval	AOIS-10						ORS-9
	Advanced/Special							
	Process 1							
400	Standard Interval	AOIS-10						ORS-9
	Process 2							
401	Standard Interval	AOIS-10						ORS-9
402	Additional Interval	AOIS-10						ORS-9
	Process 3							
403	Standard Interval	AOIS-10						ORS-9
404	Additional Interval	AOIS-10						ORS-9

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Exchange and Advanced/Special Elements							
	Expedites							
405	Exchange	AOIS-11						ORS-10
406	Advanced/Special	AOIS-11						ORS-10
407	**Preordering**	AOIS-11						ORS-10
	Record Order							
408	Manual LSR Receipt	AOIS-1						
409	Manual LSR Entry	AOIS-1						
410	Manual LSR Edit	AOIS-1						
411	Order Processing	AOIS-11						
412	Off-line Processing	AOIS-1						
413	Total	Sum Lns (408..412)						ORS-10
414	**Customer Service Record Search**	AOIS-11						ORS-10
415	**CLEC Account Establishment**	AOIS-11						ORS-10
416	**No Access Customer Will Advise**	AOIS-11						ORS-10

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Network Wholesale Elements							
	Inter-office Dedicated Transport							
	DS-0 and Fractional T-1							
	New							
417	Manual Order Receipt	AOIS-12						
418	Production Order Entry	AOIS-16						
419	Error Correction	AOIS-16						
420	Jeopardies	AOIS-16						
421	Meetpoint	AOIS-16						
422	Projects	AOIS-16						
423	MOG Order Entry	AOIS-16						
424	Escalations	AOIS-16						
425	Quality Check	AOIS-16						
426	Total	Sum Lns (417..425)			5			ORS-11
	Disconnect							
427	Manual Order Receipt	AOIS-12						
428	Production Order Entry	AOIS-16						
429	Error Correction	AOIS-16						
430	Jeopardies	AOIS-16						
431	Projects	AOIS-16						
432	MOG Order Entry	AOIS-16						
433	Quality Check	AOIS-16						
434	Total	Sum Lns (427..433)						ORS-11

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

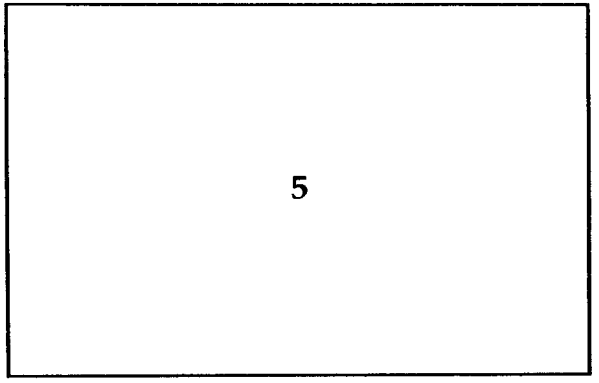
Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Network Wholesale Elements							
	Inter-office Dedicated Transport							
	DS-0 and Fractional T-1							
	Change							
435	Manual Order Receipt	AOIS-12						
436	Production Order Entry	AOIS-17						
437	Error Correction	AOIS-17						
438	Jeopardies	AOIS-17						
439	Projects	AOIS-17						
440	MOG Order Entry	AOIS-17						
441	Escalations	AOIS-17						
442	Quality Check	AOIS-17						
443	Total	Sum Lns (435..442)		5				ORS-11

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Network Wholesale Elements							
	Inter-office Dedicated Transport							
	DS-1 and Higher							
	New							
444	Manual Order Receipt	AOIS-12						
445	Production Order Entry	AOIS-18						
446	Error Correction	AOIS-18						
447	Jeopardies	AOIS-18						
448	Meetpoint	AOIS-18						
449	Projects	AOIS-18						
450	MOG Order Entry	AOIS-18						
451	Escalations	AOIS-18						
452	Quality Check	AOIS-18						
453	Total	Sum Lns (444..452)				5		ORS-11
	Disconnect							
454	Manual Order Receipt	AOIS-12						
455	Production Order Entry	AOIS-18						
456	Error Correction	AOIS-18						
457	Jeopardies	AOIS-18						
458	Projects	AOIS-18						
459	MOG Order Entry	AOIS-18						
460	Quality Check	AOIS-18						
461	Total	Sum Lns (454..460)						ORS-11

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Network Wholesale Elements							
	Inter-office Dedicated Transport							
	DS-1 and Higher							
	Change							
462	Manual Order Receipt	AOIS-12						
463	Production Order Entry	AOIS-19						
464	Error Correction	AOIS-19						
465	Jeopardies	AOIS-19						
466	Projects	AOIS-19						
467	MOG Order Entry	AOIS-19						
468	Escalations	AOIS-19						
469	Quality Check	AOIS-19						
470	Total	Sum Lns (462..469)						ORS-11
	Record Order							
471	Manual Order Receipt	AOIS-12						
472	Order Processing	AOIS-19						
473	Total	Ln 471 + Ln472						ORS-11



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	CLEC Dedicated Transport							
	DS-0 and Fractional T-1							
	New							
474	Manual Order Receipt	AOIS-12						
475	Production Order Entry	AOIS-16						
476	Error Correction	AOIS-16						
477	Jeopardies	AOIS-16						
478	Meetpoint	AOIS-16						
479	Projects	AOIS-16						
480	MOG Order Entry	AOIS-16						
481	Escalations	AOIS-16						
482	Quality Check	AOIS-16						
483	Total	Sum Lns (474..482)			5			ORS-12
	Disconnect							
484	Manual Order Receipt	AOIS-12						
485	Production Order Entry	AOIS-16						
486	Error Correction	AOIS-16						
487	Jeopardies	AOIS-16						
488	Projects	AOIS-16						
489	MOG Order Entry	AOIS-16						
490	Quality Check	AOIS-16						
491	Total	Sum Lns (484..490)						ORS-12

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	CLEC Dedicated Transport							
	DS-0 and Fractional T-1							
	Change							
492	Manual Order Receipt	AOIS-12						
493	Production Order Entry	AOIS-17						
494	Error Correction	AOIS-17						
495	Jeopardies	AOIS-17						
496	Projects	AOIS-17						
497	MOG Order Entry	AOIS-17						
498	Escalations	AOIS-17						
499	Quality Check	AOIS-17						
500	Total	Sum Lns (492..499)						ORS-12

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	CLEC Dedicated Transport							
	DS-1 and Higher							
	New							
501	Manual Order Receipt	AOIS-12						
502	Production Order Entry	AOIS-18						
503	Error Correction	AOIS-18						
504	Jeopardies	AOIS-18						
505	Meetpoint	AOIS-18						
506	Projects	AOIS-18						
507	MOG Order Entry	AOIS-18						
508	Escalations	AOIS-18						
509	Quality Check	AOIS-18						
510	Total	Sum Lns (501..509)				5		ORS-12
	Disconnect							
511	Manual Order Receipt	AOIS-12						
512	Production Order Entry	AOIS-18						
513	Error Correction	AOIS-18						
514	Jeopardies	AOIS-18						
515	Projects	AOIS-18						
516	MOG Order Entry	AOIS-18						
517	Quality Check	AOIS-18						
518	Total	Sum Lns (511..517)						ORS-12

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	CLEC Dedicated Transport							
	DS-1 and Higher							
	Change							
519	Manual Order Receipt	AOIS-12						
520	Production Order Entry	AOIS-19						
521	Error Correction	AOIS-19						
522	Jeopardies	AOIS-19						
523	Projects	AOIS-19						
524	MOG Order Entry	AOIS-19						
525	Escalations	AOIS-19						
526	Quality Check	AOIS-19						
527	Total	Sum Lns (519..526)						ORS-12

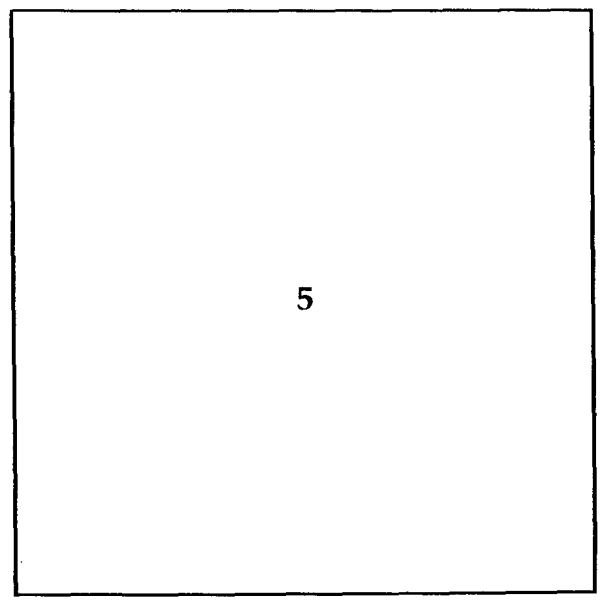
5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Signaling System Seven (SS7)							
	Trunk Ports							
	Facilities and Trunks							
	New							
528	Manual Order Receipt	AOIS-12						
529	Production Order Entry	AOIS-12						
530	Error Correction	AOIS-12						
531	Jeopardies	AOIS-12						
532	Meetpoint	AOIS-12						
533	Projects	AOIS-12						
534	MOG Order Entry	AOIS-12						
535	Escalations	AOIS-12						
536	Quality Check	AOIS-12						
537	Unguided Usage Check	AOIS-12						
538	Total	Sum Lns (528..537)			5			ORS-13
	Disconnect							
539	Manual Order Receipt	AOIS-12						
540	Production Order Entry	AOIS-12						
541	Error Correction	AOIS-12						
542	Jeopardies	AOIS-12						
543	Projects	AOIS-12						
544	MOG Order Entry	AOIS-12						
545	Quality Check	AOIS-12						
546	Unguided Usage Check	AOIS-12						
547	Total	Sum Lns (539..546)						ORS-13

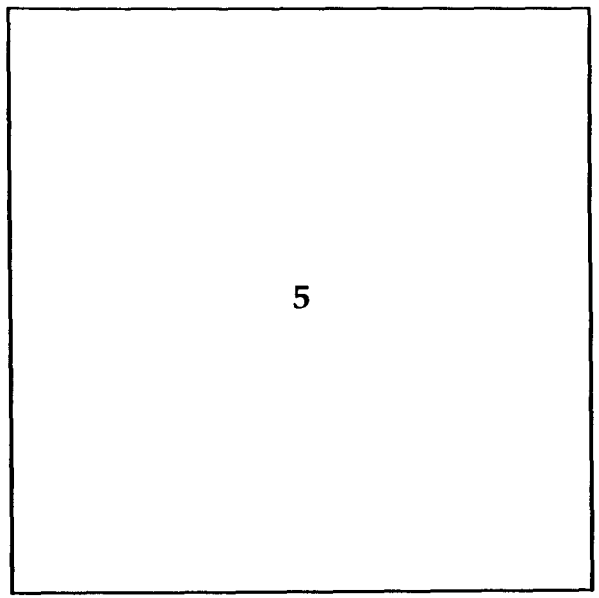
Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Signaling System Seven (SS7)							
	Trunk Ports							
	Facilities and Trunks							
	Change w/ Engineering Review							
548	Manual Order Receipt	AOIS-12						
549	Production Order Entry	AOIS-13						
550	Error Correction	AOIS-13						
551	Jeopardies	AOIS-13						
552	Projects	AOIS-13						
553	MOG Order Entry	AOIS-13						
554	Escalations	AOIS-13						
555	Quality Check	AOIS-13						
556	Unguided Usage Check	AOIS-13						
557	Total	Sum Lns (548..556)						ORS-13
	Change w/o Engineering Review							
558	Manual Order Receipt	AOIS-12						
559	Production Order Entry	AOIS-13						
560	Error Correction	AOIS-13						
561	Jeopardies	AOIS-13						
562	Projects	AOIS-13						
563	MOG Order Entry	AOIS-13						
564	Escalations	AOIS-13						
565	Quality Check	AOIS-13						
566	Unguided Usage Check	AOIS-13						
567	Total	Sum Lns (558..566)						ORS-13



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Signaling System Seven (SS7)							
	Trunk Ports							
	Trunk Only							
	New							
568	Manual Order Receipt	AOIS-12						
569	Production Order Entry	AOIS-14						
570	Error Correction	AOIS-14						
571	Jeopardies	AOIS-14						
572	Meetpoint	AOIS-14						
573	Projects	AOIS-14						
574	MOG Order Entry	AOIS-14						
575	Escalations	AOIS-14						
576	Quality Check	AOIS-14						
577	Unguided Usage Check	AOIS-14						
578	Total	Sum Lns (568..577)						ORS-13
579	Disconnect							
580	Manual Order Receipt	AOIS-12						
581	Production Order Entry	AOIS-14						
582	Error Correction	AOIS-14						
583	Jeopardies	AOIS-14						
584	Projects	AOIS-14						
585	MOG Order Entry	AOIS-14						
586	Quality Check	AOIS-14						
587	Unguided Usage Check	AOIS-14						
588	Total	Sum Lns (580..587)						ORS-13



Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Signaling System Seven (SS7)							
	Trunk Ports							
	Trunk Only							
589	Change w/ Engineering Review							
590	Manual Order Receipt	AOIS-12						
591	Production Order Entry	AOIS-15						
592	Error Correction	AOIS-15						
593	Jeopardies	AOIS-15						
594	Projects	AOIS-15						
595	MOG Order Entry	AOIS-15						
596	Escalations	AOIS-15						
597	Quality Check	AOIS-15						
598	Unguided Usage Check	AOIS-15						
599	Total	Sum Lns (589..598)						ORS-13
	Change w/o Engineering Review							
600	Manual Order Receipt	AOIS-12						
601	Production Order Entry	AOIS-15						
602	Error Correction	AOIS-15						
603	Jeopardies	AOIS-15						
604	Projects	AOIS-15						
605	MOG Order Entry	AOIS-15						
606	Escalations	AOIS-15						
607	Quality Check	AOIS-15						
608	Unguided Usage Check	AOIS-15						
609	Total	Sum Lns (600..608)						ORS-13

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Signaling System Seven (SS7)							
	STP Ports (SS7 Links)							
	New							
610	Manual Order Receipt	AOIS-12						
611	Production Order Entry	AOIS-12						
612	Error Correction	AOIS-12						
613	Jeopardies	AOIS-12						
614	Meetpoint	AOIS-12						
615	Projects	AOIS-12						
616	MOG Order Entry	AOIS-12						
617	Escalations	AOIS-12						
618	Quality Check	AOIS-12						
619	Unguided Usage Check	AOIS-12						
620	Total	Sum Lns (610..619)			5			ORS-13
	Disconnect							
621	Manual Order Receipt	AOIS-12						
622	Production Order Entry	AOIS-12						
623	Error Correction	AOIS-12						
624	Jeopardies	AOIS-12						
625	Projects	AOIS-12						
626	MOG Order Entry	AOIS-12						
627	Quality Check	AOIS-12						
628	Unguided Usage Check	AOIS-12						
629	Total	Sum Lns (621..628)						ORS-13

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Basic							
	New							
630	Manual Order Receipt	AOIS-12						
631	Production Order Entry	AOIS-16						
632	Error Correction	AOIS-16						
633	Jeopardies	AOIS-16						
634	Projects	AOIS-16						
635	MOG Order Entry	AOIS-16						
636	Escalations	AOIS-16						
637	Quality Check	AOIS-16						
638	Total	Sum Lns (630..637)				5		ORS-14
	Disconnect							
639	Manual Order Receipt	AOIS-12						
640	Production Order Entry	AOIS-16						
641	Error Correction	AOIS-16						
642	Jeopardies	AOIS-16						
643	Projects	AOIS-16						
644	MOG Order Entry	AOIS-16						
645	Quality Check	AOIS-16						
646	Total	Sum Lns (639..645)						ORS-14

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order		Semi-Mechanized Order		Destination
				Minutes per Order	Cost per Order	Minutes per Order	Cost per Order	
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Basic							
	Migration As Is							
647	Manual Order Receipt	AOIS-12						
648	Production Order Entry	AOIS-17						
649	Error Correction	AOIS-17						
650	Jeopardies	AOIS-17						
651	Projects	AOIS-17						
652	MOG Order Entry	AOIS-17						
653	Escalations	AOIS-17						
654	Quality Check	AOIS-17						
655	MOG Template Creation	AOIS-17						
	Disconnect							
656	Manual Order Receipt	AOIS-12						
657	Production Order Entry	AOIS-16						
658	Error Correction	AOIS-16						
659	MOG Order Entry	AOIS-16						
660	Quality Check	AOIS-16						
661	MOG Template Creation	AOIS-17						
662	Term Liability Calculation	AOIS-17						
663	Total - non-MOG	Sum Lns (648..664) -Ln654-Ln657-Ln664-Ln663						ORS-14
664	Total - MOG	Ln654+Ln657+Ln661+Ln663						ORS-14
	Change							
665	Manual Order Receipt	AOIS-12						
666	Production Order Entry	AOIS-17						
667	Error Correction	AOIS-17						
668	Jeopardies	AOIS-17						
669	Projects	AOIS-17						
670	MOG Order Entry	AOIS-17						
671	Escalations	AOIS-17						
672	Quality Check	AOIS-17						
673	Total	Sum Lns (665..672)						ORS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order Minutes per Order	Manual Order Cost per Order	Semi-Mechanized Order Minutes per Order	Semi-Mechanized Order Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Complex (Dedicated Transport)							
	DS-0 and Fractional T-1							
	New							
674	Manual Order Receipt	AOIS-12						
675	Production Order Entry	AOIS-16						
676	Error Correction	AOIS-16						
677	Jeopardies	AOIS-16						
678	Projects	AOIS-16						
679	MOG Order Entry	AOIS-16						
680	Escalations	AOIS-16						
681	Quality Check	AOIS-16						
682	Total	Sum Lns (674..681)						ORS-14
	Disconnect							
683	Manual Order Receipt	AOIS-12						
684	Production Order Entry	AOIS-16						
685	Error Correction	AOIS-16						
686	Jeopardies	AOIS-16						
687	Projects	AOIS-16						
688	MOG Order Entry	AOIS-16						
689	Quality Check	AOIS-16						
690	Total	Sum Lns (683..689)						ORS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Complex (Dedicated Transport)							
	DS-0 and Fractional T-1							
	Migration As Is							
691	Manual Order Receipt	AOIS-12						
692	Production Order Entry	AOIS-17						
693	Error Correction	AOIS-17						
694	Jeopardies	AOIS-17						
695	Projects	AOIS-17						
696	MOG Order Entry	AOIS-17						
697	Escalations	AOIS-17						
698	Quality Check	AOIS-17						
699	MOG Template Creation	AOIS-17						
	Disconnect							
700	Manual Order Receipt	AOIS-12						
701	Production Order Entry	AOIS-16						
702	Error Correction	AOIS-16						
703	MOG Order Entry	AOIS-16						
704	Quality Check	AOIS-16						
705	MOG Template Creation	AOIS-17						
706	Term Liability Calculation	AOIS-17						
707	Total - non-MOG	Sum Lns (694..710)-Ln700-Ln703-Ln707-Ln709						ORS-14
708	Total - MOG	Ln700+Ln703+Ln707+Ln709						ORS-14
	Change							
709	Manual Order Receipt	AOIS-12						
710	Production Order Entry	AOIS-17						
711	Error Correction	AOIS-17						
712	Jeopardies	AOIS-17						
713	Projects	AOIS-17						
714	MOG Order Entry	AOIS-17						
715	Escalations	AOIS-17						
716	Quality Check	AOIS-17						
717	Total	Sum Lns (709..716)						ORS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Complex (Dedicated Transport)							
	DS-1 and Higher							
	New							
718	Manual Order Receipt	AOIS-12						
719	Production Order Entry	AOIS-18						
720	Error Correction	AOIS-18						
721	Jeopardies	AOIS-18						
722	Projects	AOIS-18						
723	MOG Order Entry	AOIS-18						
724	Escalations	AOIS-18						
725	Quality Check	AOIS-18						
726	Total	Sum Lns (718..725)						ORS-14
	Disconnect							
727	Manual Order Receipt	AOIS-12						
728	Production Order Entry	AOIS-18						
729	Error Correction	AOIS-18						
730	Jeopardies	AOIS-18						
731	Projects	AOIS-18						
732	MOG Order Entry	AOIS-18						
733	Quality Check	AOIS-18						
734	Total	Sum Lns (727..733)						ORS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Enhanced Extended Links (EELs)							
	Complex (Dedicated Transport)							
	DS-1 and Higher							
	Migration As Is							
735	Manual Order Receipt	AOIS-12						
736	Production Order Entry	AOIS-19						
737	Error Correction	AOIS-19						
738	Jeopardies	AOIS-19						
739	Projects	AOIS-19						
740	MOG Order Entry	AOIS-19						
741	Escalations	AOIS-19						
742	Quality Check	AOIS-19						
743	MOG Template Creation	AOIS-19						
	Disconnect							
744	Manual Order Receipt	AOIS-12						
745	Production Order Entry	AOIS-18						
746	Error Correction	AOIS-18						
747	MOG Order Entry	AOIS-18						
748	Quality Check	AOIS-18						
749	MOG Template Creation	AOIS-19						
750	Term Liability Calculation	AOIS-19						
751	Total - non-MOG	Sum Lns (740..756)-Ln746-Ln749-Ln753-Ln755						ORS-14
752	Total - MOG	Ln746+Ln749+Ln753+Ln755						ORS-14
	Change							
753	Manual Order Receipt	AOIS-12						
754	Production Order Entry	AOIS-19						
755	Error Correction	AOIS-19						
756	Jeopardies	AOIS-19						
757	Projects	AOIS-19						
758	MOG Order Entry	AOIS-19						
759	Escalations	AOIS-19						
760	Quality Check	AOIS-19						
761	Total	Sum Lns (753..760)						ORS-14
762	**Multiplexing**	AOIS-19						ORS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Cost Calculations

Ln	Description	Source	LLR per Minute	Manual Order: Minutes per Order	Manual Order: Cost per Order	Semi-Mechanized Order: Minutes per Order	Semi-Mechanized Order: Cost per Order	Destination
			A=Source	B=Source	C=A*B	D=Source	E=A*D	
	Dark Fiber							
	Preordering							
763	Exchange Facilities	AOIS-20						ORS-15
764	Inter-office Facilities	AOIS-20						ORS-15
	UNE Inter-office Dedicated Transport							
765	New	AOIS-20						ORS-15
766	Disconnect	AOIS-20						ORS-15
	Unbundled Loop							
767	New	AOIS-20						ORS-15
768	Disconnect	AOIS-20			5			ORS-15
	Subloop Feeder							
769	New	AOIS-20						ORS-15
770	Disconnect	AOIS-20						ORS-15
	Subloop Distribution							
771	New	AOIS-20						ORS-15
772	Disconnect	AOIS-20						ORS-15

3- PROVISIONING

Wholesale Non-Recurring Study

Florida
Docket Number 990649-TP
Table of Exhibits - Provisioning by Page

	Exhibit Name	Page
Provisioning Narrative		1
Provisioning Group Summary - UNEs and UNE-Ps	PRO	9
Provisioning Group Summary - Network Wholesale	PRO	13
Provisioning-Exchange Elements-Calculations of Costs-UNEs	PRC	19
Provisioning-Advanced/Special Elements-Calculations of Costs-UNEs	PRC	26
Provisioning Calculations	PRC	32
Calculations of Costs - UNEs	PCC	47

Wholesale Non-Recurring Study

Florida
Docket Number 990649-TP
Table of Exhibits - Provisioning by Page

	Exhibit Name	Page
Provisioning Narrative		1
Calculations of Costs - UNEs	PCC	46
Provisioning-Exchange Elements-Calculations of Costs-UNEs	PRC	19
Provisioning-Advanced/Special Elements-Calculations of Costs-UNEs	PRC	26
Provisioning Calculations	PRC	32
Provisioning Group Summary - UNEs and UNE-Ps	PRO	9
Provisioning Group Summary - Network Wholesale	PRO	13

Provisioning Function

This section addresses the costs of the non-recurring activities to provision Local Wholesale and Network Wholesale UNEs, UNE-Ps, and other elements the CLEC may request with its order. Provisioning for Exchange – Basic and Complex UNE/UNE-Ps is significantly different from the provisioning required for Advanced/Special UNEs.

Exchange UNE/UNE-Ps
Provisioning activities include facility assignment and switch translations (if required). Exchange UNEs require manual provisioning. For the Exchange – Basic UNE-Ps much of the provisioning is automated. The Exchange – Basic elements can be provisioned using standard network components maintained in inventory without specialized switch translations. The Assignment Provisioning Center (APC) consists of the Select Assignment group. The Recent Change Mechanized Assignment Center (RCMAC) consists of the Special Products Assignment Group (SPAG) and Provisioning Support groups. These groups are involved only when there is system fall-out requiring manual assignment and switch updates.

The Exchange – Complex UNE/UNE-Ps require additional manual provisioning due to switch translations, routing instructions, and service arrangements. The Data Gathering Form (DGF) is used to record and organize these instructions. The Database Management (DBM) group reviews the translation requirements, codes them, and inputs the translations into the switch.

Identified below are the workgroups involved in the Exchange UNEs:

Exchange – Basic	Exchange – Complex
• Select Assignment • APC Provisioning Support • DRC - Dispatch Resource Center • VFAC - Virtual Facilities Assignment Center	• RCMAC - SPAG • DBM • DRC - Dispatch Resource Center • VFAC – Virtual Facilities Assignment Center

Advanced/Special UNEs
Provisioning activities for Advanced/Special UNEs include: facility assignment, switch translations, design/engineering, and Plant Control Office (PCO) activities such as scheduling, circuit testing, and order completions.

The Advanced/Special – Basic elements are unbundled loops capable of DS0 transmission levels; the number of options for these loops is limited since the circuits are not as sensitive to noise and loop length as the Advanced/Special – Complex elements.

The Advanced/Special – Complex elements include all DS1 and DS3 elements, dedicated switched access and transport, SS7 Links and STP ports, dedicated non-switched transport, EELs, and Dark Fiber. These elements require facilities and circuit equipment assignments, design for A to Z locations, and information for updating the switch database and programming trunk translations (if required.) The Advanced – Complex elements have a greater number of service options, more stringent testing parameters, and are sensitive to noise and loop length.

Identified below are the workgroups involved in the Advanced/Special UNEs:

Advanced/Special – Basic	Advanced/Special – Complex
• RCMAC • DBM - Work Control Center (WCC) • Business Response Provisioning Center (BRPC) - Scheduler/Screener - Design Group - Testing Group - Administration • LBSC - Large Business Support Center	• RCMAC • Outside Plant (OSP) Engineering • DBM – WCC • BRPC - Scheduler/Screener - HiCap Prework Group - Design Group - Testing Group - Administration • LBSC - Large Business Support Center

Provisioning Work Groups
Following is a brief description of the provisioning work groups.

APC/RCMAC
The APC and RCMAC have the responsibility for assignment of central office line equipment and outside plant facilities for Exchange – Basic, Exchange – Complex, and Advanced/Special – Basic UNEs. All Exchange and Advanced/Special UNEs require manual assignment. The Assignment, Activation and Inventory System (AAIS) will automatically process an order for Exchange-Basic UNE-Ps whenever possible. However, when mechanized assignment does not happen, the APC or RCMAC will manually provision the order.
There are specialized subgroups within the RCMAC (the Multi-line group, the CentraNet group, and Special Elements) that assign plant facilities to the Exchange-Complex orders. For the Advanced/Special elements, the RCMAC determines the loop assignments for DS0 circuits, while the BRPC HiCap Prework Group and OSP Engineering perform this task for DS1 and above.

Within the RCMAC, there is a Provisioning Support Group responsible for the simple switch translation for vertical features and functions associated with

subscriber lines. Provisioning Support inputs these switch translations when they cannot be electronically downloaded. Provisioning Support also works the orders that fail the Automated Service Assurance Verification Program (ASAVP) test. (ASAVP is a system that ensures that the features in the switch match both the AAIS inventory and the customer requested features on the order.)

DBM-WCC

The DBM-WCC reviews all Access Service Requests (ASRs) for completeness and routes the order to the correct DBM group. Specialists in the DBM perform translations and routing information for the Exchange – Complex UNEs such as CentraNet Port, and for the Advanced/Special – Complex UNEs such as ISDN – PRI. This group receives the information that details the specific vertical features, switch feature groups, and routing instructions of the ordered service. The DBM specialist codes this information and then enters the translations into the network switch.

BRPC

The BRPC has Plant Control Office and design/engineering responsibilities for Advanced/Special UNEs. The BRPC is comprised of five subgroups: Scheduler/Screener (SOE), HiCap Prework, Design, Testing, and Administration (Admin).

The BRPC SOE receives orders from the NMC and NACC. The SOE group verifies that the NOCV/EXACT orders are properly entered into Telecom Business Solutions (TBS); if the orders were not downloaded electronically into TBS, the scheduler/screener enters the order manually. The Scheduler/Screener checks the order for accuracy and completeness, ensuring that the order contains all of the information needed by the other BRPC groups. The Scheduler/Screener routes the order to the required work groups by entering a distribution code into TBS.

The BRPC HiCap Prework group reserves and assigns the facilities for all DS1 and above orders.

The BRPC Design group creates the Circuit Layout Report (CLR), which is used to install and test the circuit. The designer ensures that the central office has the correct equipment for the circuit, and that the facilities have been reserved for the circuit. The designer routes the completed CLR to the testing group, central office, and dispatch centers.

The BRPC Testing group is responsible for coordinating testing with the Central Office, Field, and CLEC. The testing group completes circuit tests by the Plant Test Date (PTD) or Due Date (DD) listed in TBS. When necessary, the tester will update TBS for design (i.e., equipment) changes.

The BRPC Admin employees handle the jeopardies, expedites, escalations, completions, and reporting for all BRPC orders.

DRC/LBSC
The DRC and the LBSC are responsible for dispatching routed orders. The LBSC handles advanced/special. Exchange orders are routed to the DRC. The orders are distributed by the Automated Work Administration System (AWAS). AWAS is a table driven distribution system that routes jobs from the provisioning centers to both the correct dispatch center and an appropriate field technician.

VFAC
The VFAC is responsible for determining, within AAIS, the FDI feeding the loop. If there are available copper feeder facilities that can be used to perform a Line Station Transfer (LST) to move the customer's Plain Old Telephone System (POTS) service to the host Central Office (CO), the VFAC uses QNAS to verify the loop's availability to provide the line sharing service. If there is an available copper pair that qualifies, the VFAC notes the order in NOCV, mortgages the pair to the order, and routes the order to the NMC. If there is no copper available or none of the copper qualifies, the order is routed back to the NMC. If the VFAC determines that there is available copper for the LST but are unable to determine the qualification of the new loop, the order is routed to Outside Plant Access Design.

Provisioning Cost Methodology

The cost team documented the process flows for the Exchange and Advanced/Special provisioning workgroups. The process flows take in to account system enhancements that will eliminate or modify performed by performed by these groups.

The provisioning NRCs were developed from system reports, order volumes, workgroup hours, time and motion studies, and SME estimates. The cost team used the most current loaded labor rates for each of the workgroups. (See Appendix Tab 6 for Loaded Labor Rates.)

The cost team calculated the provisioning costs for each type of UNE order using the standard non-recurring cost calculation –

Activity Time X Probability X Labor Rate = Cost

The costs for the Local Wholesale UNEs are shown on a *per-line* basis for the initial line and for additional lines. The costs for Network Wholesale UNEs are calculated and shown on a *per order* basis.

Data Collection

Data collection methods varied by provisioning group. Detailed information about the activity times, probability, and labor rates is provided in the cost calculation section for each workgroup. Below is an overview of the source for the cost data by workgroup.

APC/ RCMAC

Verizon's management methods and reports focus on "touches" in the APC as an activity measure. The cost managers collected data from NOCV on "touches" by the various order types. Every order, whether automatically provisioned or manually provisioned by the APC, is represented by a job in NOCV. NOCV contains a comprehensive statistical view of order activity from all sources. Verizon pulled data from NOCV to determine the number of orders routed to the APC for manual assignment and the cost of provisioning those orders.

The task cost for a DSo order depends on the order type and service type. DSo orders require from one to three touches in the APC. For Advanced/Special Complex UNE/UNE-P orders, the task cost is developed by weighting the APC cost per line, the HiCap Prework group cost per line, and the OSP Engineering cost per line.

If the order requires a manual switch update, an additional APC touch is added to the cost per line.

DBM-WCC

The cost team developed the time per order worked by DBM by taking the total productive hours worked during the study period and dividing by the number of orders worked in the same time period.

BRPC

Cost managers used data from the TBS database to determine the number and type of orders or lines as appropriate worked by each of the following BRPC groups: SOE, HiCap Prework, Design, and Admin. Only those orders handled by a workgroup during provisioning are included in determining that group's cost per order provisioned.

The cost per order for each workgroup is developed separately based on the number of orders worked by that group and the group's productive hours spent on those orders. The costs for Advanced/Special – Basic and Advanced/Special – Complex are calculated separately since there are different provisioning activities for each type of order.

The section manager of the BRPC Testing group conducted a time study to determine the productive hours attributed to circuit testing. This time was applied to all inward ("I") orders since all newly installed Advanced/Special UNEs require this type of testing activity. Outward ("O") orders do not require a touch by the Testing group.

Costs of Exchange UNEs and Other Elements
Verizon costed the following UNE activities:

New Orders for Exchange – Basic UNE: The APC manually assigns the cable pair/central office line equipment. If the recent change translations do not download electronically into the switch, then the Provisioning Support group manually enters the translations.

New Orders for Exchange – Complex UNE: The APC manually assigns the cable pair/central office line equipment. DBM codes and inputs switch translations.

Change Orders for Exchange UNEs: There are three types of changes the CLEC can order. When the CLEC orders changes to vertical features, the translations generally flow-through to the switch electronically. Changes in Switch Feature Groups for CentraNet and ISDN BRI ports require manual coding and input by the DBM. Changes of C.O. Connection require manual assignment by the APC.

Disconnect Orders for Exchange UNE: The APC manually updates AAIS records. Vertical features are disconnected electronically. Complex switch translations are removed by the DBM.

Other Elements
The APC may be involved in Coordinated Conversion or Hot Cut Coordinated Conversion for Exchange UNEs.

The Coordinated Conversion for the APC is estimated to require 15 minutes of a service coordinator's time. If the CLEC is not ready to authorize the conversion when the APC calls for the first time, additional telephone calls will be required. The APC is involved in five or more telephone calls with the Verizon field and CLEC personnel. The 15-minute estimate is the smallest increment of time required for a Coordinated Conversion in the APC.

Hot Cut Coordinated Conversion – In addition to the activities described above for Coordinated Conversions, the parties remain on a conference call for the duration of the conversion process. This process requires a minimum of one-hour (telephone calls, the hot cut activity, and order completion). Additional time is costed in quarter hour increments at the Loaded Labor Rate for the provisioning support employees included in the study.

Costs for Advanced/Special UNEs
Verizon costed the following UNE activities:

New Orders for Advanced/Special – Basic UNE: The APC manually assigns the cable pair. The BRPC SOE ensures that TBS is updated with the correct order information and distributes the order electronically to the downstream

provisioning groups. BRPC Design reserves the facilities and equipment, creates the CLR/DLR, and distributes the CLR/DLR to involved work groups. BRPC Testing Group tests the circuits on the Plant Test Date (PTD) and coordinates tests with the Central Office Technician, Field Technician, and the CLEC on the PTD. BRPC Admin clears any jeopardy, handles escalations, and completes the order.

Disconnect Orders for Advanced/Special – Basic UNE: The APC manually verifies the cable pair to be disconnected. The BRPC SOE ensures that TBS is updated with the correct order information and distributes the order electronically to the downstream provisioning groups. BRPC Design creates the CLR/DLR and distributes the CLR/DLR to involved work groups. BRPC Admin clears any jeopardy, handles escalations, and completes the order.

New Orders for Advanced/Special – Complex UNEs: The BRPC SOE ensures that TBS is updated with the correct order information and distributes the order electronically to the downstream provisioning groups. BRPC HiCap Prework reviews the facility requirements and assigns the IOF; OSP Engineering determines the local cable make-up and assigns the cable pair. BRPC Design reserves the facilities and equipment, creates the CLR/DLR, and distributes the CLR/DLR to involved work groups. BRPC Testing tests the circuits on the PTD and coordinates tests with the Central Office Technician, Field Technician, and the CLEC on the due date. BRPC Admin clears any jeopardy, handles escalations, and completes the order.

Disconnect Orders for Advanced/Special – Basic UNE: The BRPC SOE ensures that TBS is updated with the correct order information and distributes the order electronically to the downstream provisioning groups. BRPC Design creates the CLR/DLR and distributes the CLR/DLR to involved work groups. BRPC Admin clears any jeopardy, handles escalations, and completes the order.

Inward and Outward Orders for Network Wholesale UNEs: The BRPC HiCap Prework, SOE, Design, Testing, and Admin groups manually provision the following Network Wholesale UNEs:

- Trunk Ports (includes STP Ports), Trunks (includes SS7 Links), and Trunk Facilities
- Enhanced Extended Links (EELs)
- Dark Fiber
- CLEC Dedicated Transports – CDT

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - UNEs and UNE-Ps

Description	Initial Line/Circuit						Additional Lines/Circuits				Total Cost		Destination
	Source	SOE	Facility Assign	DBM	Admin Group	Dispatch	Facility Assign	Design Group	Switch Update	Testing	Initial Line/Circuit	Additional Lines/Circuits	
		A	B	C	E	F	G	H	I	J	K=Sum (A...J)	K=Sum (G...J)	
Unbundled Network Elements (UNEs)													
Exchange Elements													
Unbundled Loop													
Basic													
New	PRC-1												RUBL-1
Disconnect	PRC-1												RUBL-1
Change CO Connection	PRC-1												RUBL-1
Complex Non-digital													
New	PRC-1												RUBL-2
Disconnect	PRC-1												RUBL-2
Change CO Connection	PRC-1												RUBL-2
Complex Digital													
New	PRC-1												RUBL-3
Disconnect	PRC-1												RUBL-3
Change CO Connection	PRC-1												RUBL-3
Unbundled Port													
Basic													
New	PRC-2												RUBP-1
Disconnect	PRC-2												RUBP-1
Change Port Feature	PRC-2												RUBP-1
Change CO Connection	PRC-2												RUBP-1
Complex Non-digital													
New	PRC-2												RUBP-2
Disconnect	PRC-2												RUBP-2
Change Port Feature	PRC-2												RUBP-2
Change Switch Feature Group	PRC-2												RUBP-2
Change CO Connection	PRC-2												RUBP-2
Complex Digital													
New	PRC-3												RUBP-3
Disconnect	PRC-3												RUBP-3
Change Port Feature	PRC-3												RUBP-3
Change Switch Feature Group	PRC-3												RUBP-3
Change CO Connection	PRC-3												RUBP-3

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - UNEs and UNE-Ps

Descrintion	Source	Initial Line/Circuit SOE A	Facility Assign B	DBM C	Admin Group E	Dispatch F	Additional Lines/Circuits Facility Assign G	Design Group H	Switch Update I	Testing J	Total Cost Initial Line/Circuit K=Sum (A...J)	Total Cost Additional Lines/Circuits K=Sum (G...J)	Destination
Unbundled Network Elements (UNEs)													
Exchange Elements													
Interim Number Portability													
New	PRC-3												RINP-1
Disconnect	PRC-3												RINP-1
Change	PRC-3												RINP-1
Subloop Unbundling													
FDI - Feeder Connection													
New	PRC-4												RUSL-1
Disconnect	PRC-4												RUSL-1
Change Facility Connection	PRC-4												RUSL-1
FDI - Distribution													
New	PRC-4												RUSL-1
Disconnect	PRC-4												RUSL-1
Change Facility Connection	PRC-4												RUSL-1
Serving Terminal Connection													
New	PRC-5												RUSL-2
Disconnect	PRC-5												RUSL-2
Change Facility Connection	PRC-5												RUSL-2
Line Sharing													
CLEC CO Splitter Connection													
New													
Disconnect													
Change CO Connection													
Loop Conditioning													
Bridged Tap Removal													
One Occurrence	PRC-6												RLCC
Multiple Occurrences	PRC-6												RLCC
Load Coil Removal													
Load Coil Removal Only	PRC-6												RLCC
Combinations													
Bridged Tap (One) and Load Coil Removal	PRC-6												RLCC
Bridged Tap (Multiple) and Load Coil Removal	PRC-6												RLCC
Line and Station Transfer													
Vacant	PRC-6												RLST
In-Use	PRC-6												RLST

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Not included in this filing

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Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - UNEs and UNE-Ps

Description	Initial Line/Circuit						Additional Lines/Circuits				Total Cost		Destination
	Source	SOE	Facility Assign	DBM	Admin Group	Dispatch	Facility Assign	Design Group	Switch Update	Testing	Initial Line/Circuit	Additional Lines/Circuits	
		A	B	C	E	F	G	H	I	J	K=Sum (A..J)	K=Sum (G..J)	
Unbundled Network Elements (UNEs)													
Advanced/Special Elements													
Unbundled Loop													
Basic													
New	PRC-8												RUBL-4
Disconnect	PRC-8												RUBL-4
Change CO Connection	PRC-8												RUBL-4
Complex													
New	PRC-9												RUBL-5
Disconnect	PRC-10							5					RUBL-5
Change CO Connection	PRC-10												RUBL-5
Unbundled Port													
Complex													
New	PRC-11												RUBP-4
Disconnect	PRC-12												RUBP-4
Change CO Connection	PRC-13												RUBP-4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - UNEs and UNE-Ps

Description	Initial Line/Circuit						Additional Lines/Circuits				Total Cost		Destination
	Source	SOE	Facility Assign	DBM	Admin Group	Dispatch	Facility Assign	Design Group	Switch Update	Testing	Initial Line/Circuit	Additional Lines/Circuits	
		A	B	C	E	F	G	H	I	J	K=Sum (A..J)	K=Sum (G..J)	
UNE-Platforms (UNE-Ps)													
Exchange Elements													
Basic													
Migration As Is +/-	PRC-7												RUNP-1
Change Line Feature	PRC-7												RUNP-1
Complex Non-digital													
Migration As Specified	PRC-7												RUNP-2
Change Line Feature	PRC-7												RUNP-2
Change Switch Feature Group	PRC-7												RUNP-2
Complex Digital													
Migration As Specified	PRC-7												RUNP-3
Change Line Feature	PRC-7												RUNP-3
Change Switch Feature Group	PRC-7												RUNP-3
Advanced/Special Elements													
Complex													
Migration As Specified	PRC-13												RUNP-4
Change	PRC-13												RUNP-4

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A..J)	
Exchange and Advanced/Special Elements											
Network Interface Device (NID)											RNID
House and Riser (Terminal Block)											
New	PCC										RUHR
Disconnect	PCC										RUHR
Coordinated Conversion											
Exchange Elements											
Process 1											
Standard Interval	PCC										RCOC
Process 2											
Standard Interval	PCC										RCOC
Additional Interval	PCC										RCOC
Process 3											
Standard Interval	PCC										
Additional Interval	PCC										RCOC
Advanced/Special Elements											
Process 1											
Standard Interval	PCC										RCOC
Process 2											
Standard Interval	PCC										RCOC
Additional Interval	PCC										RCOC
Process 3											
Standard Interval	PCC										RCOC
Additional Interval	PCC										RCOC
Hot Cut Coordinated Conversion											
Exchange Elements											
Process 1											
Standard Interval	PCC										RHCC
Process 2											
Standard Interval	PCC										RHCC
Additional Interval	PCC										RHCC
Process 3											
Standard Interval	PCC										RHCC
Additional Interval	PCC										RHCC

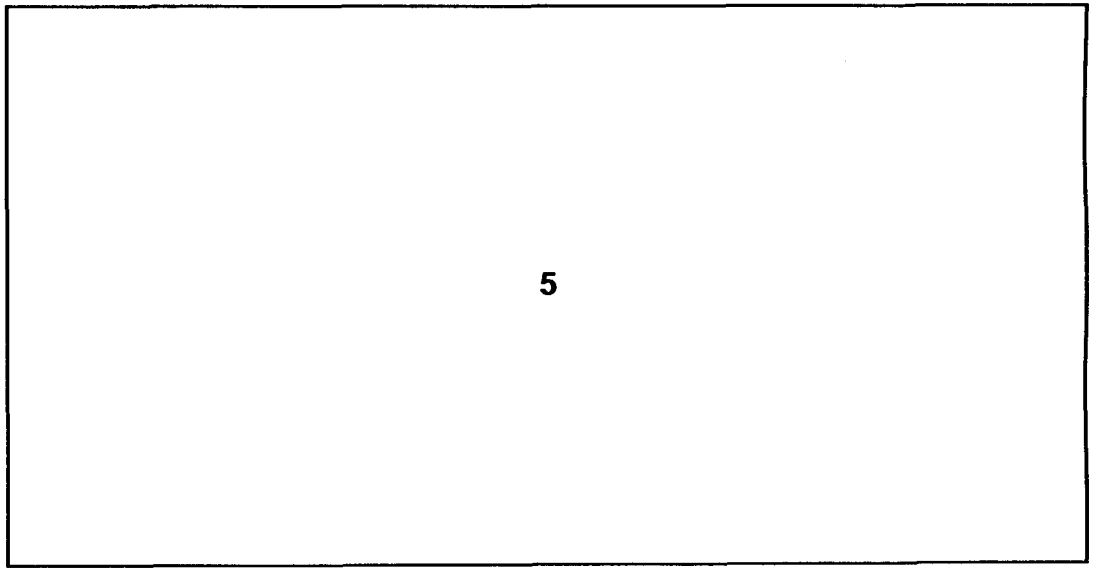
5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A..J)	
Exchange and Advanced/Special Elements											
Hot Cut Coordinated Conversion											
Advanced/Special Elements											
Process 1											
Standard Interval	PCC										RHCC
Process 2											
Standard Interval	PCC										RHCC
Additional Interval	PCC										RHCC
Process 3											
Standard Interval	PCC										RHCC
Additional Interval	PCC										RHCC
Expedites											
Exchange Elements											REXP
Advanced/Special Elements	PRC-13					5					REXP
Preordering											RORF
Record Order											RORF
Customer Service Record Search											REXP
CLEC Account Establishment											REXP
No Access Customer Will Advise											REXP

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A..J)	
Network Wholesale Elements											
ILEC Dedicated Transport - IDT											
DS0 and Fractional T-1											
New	PRC-14										RIDT
Disconnect	PRC-14										RIDT
Change	PRC-14										RIDT
DS1 and Higher											
New	PRC-15										RIDT
Disconnect	PRC-15										RIDT
Change	PRC-15										RIDT
Record Order											RORF
CLEC Dedicated Transport - CDT											
DS0 and Fractional T-1											
New	PRC-16										RCDT
Disconnect	PRC-16										RCDT
Change	PRC-16										RCDT
DS1 and Higher											
New	PRC-17										RCDT
Disconnect	PRC-17										RCDT
Change	PRC-17										RCDT



Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A..J)	
Signaling System Seven (SS7)											
Trunk Ports											
Facilities and Trunks											
New	PRC-18										RSS7-1
Disconnect	PRC-19										RSS7-1
Change w/Engineering Review	PRC-20										RSS7-1
Change w/o Engineering Review	PRC-21										RSS7-1
Trunk Only											
New	PRC-21										RSS7-2
Disconnect	PRC-22					5					RSS7-2
Change w/Engineering Review	PRC-22										RSS7-2
Change w/o Engineering Review	PRC-23										RSS7-2
STP Ports (SS7 Links)											
New	PRC-23										RSS7-2
Disconnect	PRC-24										RSS7-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A...J)	
Enhanced Extended Links (EELs)											
Basic (Loop)											
New	PRC-25										REEL-1
Disconnect	PRC-25										REEL-1
Migration As Is	PRC-25										REEL-1
Change	PRC-25										REEL-1
Complex (Dedicated Transport)											
DS0 and Fractional T-1											
New	PRC-26										REEL-2
Disconnect	PRC-26										REEL-2
Migration As Is	PRC-26										REEL-2
Change	PRC-26										REEL-2
DS1 and Higher											
New	PRC-27										REEL-3
Disconnect	PRC-27										REEL-3
Migration As Is	PRC-27										REEL-3
Change	PRC-27										REEL-3
Multiplexing	PRC-24										REEL-3

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning
Provisioning Group Summary - Network Wholesale

Description	Source	DBM - WCC	SOE	Facility Assign	Design Group	Switch Update	Testing	Admin Group	Dispatch	Total Cost	Destination
		A	B	C	E	F	G	H	I	J=Sum (A..J)	
Dark Fiber											
Preordering											
Exchange Facilities	PRC-28										RUDF
Inter-office Facilities	PRC-28										RUDF
UNE Inter-office Dedicated Transport											
New	PRC-28										RUDF
Disconnect	PRC-28										RUDF
Unbundled Loop											
New	PRC-28										RUDF
Disconnect	PRC-28					5					RUDF
Subloop Feeder											
New	PRC-28										RUDF
Disconnect	PRC-28										RUDF
Subloop Distribution											
New	PRC-28										RUDF
Disconnect	PRC-28										RUDF

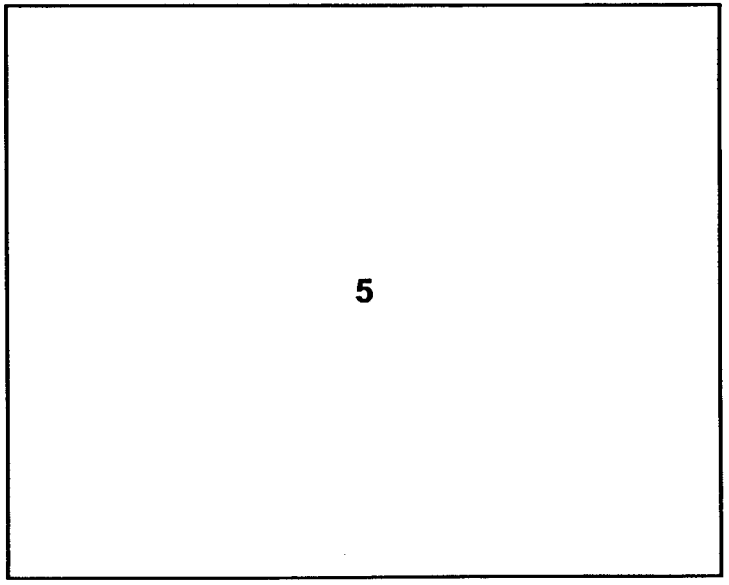
Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Loop							
Basic							
New							
APC							PRO-1
DRC							PRO-1
Disconnect							
APC							PRO-1
DRC							PRO-1
Change CO Connection							
APC							PRO-1
Complex Non-digital							
New							
APC							PRO-1
DRC							PRO-1
Disconnect							
APC							PRO-1
DRC							PRO-1
Change CO Connection							
APC							PRO-1
Complex Digital							
New							
APC							PRO-1
DRC							PRO-1
Disconnect							
APC							PRO-1
DRC							PRO-1
Change CO Connection							
APC							PRO-1

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Port							
Basic							
New							
APC							PRO-1
Disconnect							
APC							PRO-1
Change Port Feature							
APC							PRO-1
Change CO Connection							
APC							PRO-1
Complex Non-digital							
New							
APC							PRO-1
DBM (Initial line only)							PRO-1
Disconnect							
APC							PRO-1
DBM (Initial line only)							PRO-1
Change Port Feature							
APC							PRO-1
Change Switch Feature Group							
APC							PRO-1
DBM							PRO-1
Change CO Connection							
APC							PRO-1



Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Port							
Complex Digital							
New							
APC							PRO-1
DBM (Initial line only)							PRO-1
Disconnect							
APC							PRO-1
DBM (Initial line only)							PRO-1
Change Port Feature							
APC							PRO-1
Change Switch Feature Group							
APC				5			PRO-1
DBM							PRO-1
Change CO Connection							
APC							PRO-1
Interim Number Portability							
New							PRO-2
Disconnect							PRO-2
Change							PRO-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Subloop Unbundling							
FDI - Feeder Connection							
New							
APC							PRO-2
DRC							PRO-2
Disconnect							
APC							PRO-2
DRC							PRO-2
Change Facility Connection							
APC							PRO-2
DRC							PRO-2
FDI - Distribution Connection							
New							
APC							PRO-2
DRC							PRO-2
Disconnect							
APC							PRO-2
DRC							PRO-2
Change Facility Connection							
APC							PRO-2
DRC							PRO-2

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Subloop Unbundling							
Serving Terminal Connection							
New							
APC							PRO-2
DRC							PRO-2
Disconnect							
APC							PRO-2
DRC							PRO-2
Change Facility Connection							
APC							PRO-2
DRC							PRO-2
Line Sharing							
CLEC CO Splitter Connection							
Complex Digital							
New							
APC							
Disconnect							
APC							
Change CO Connection							
APC							

5

Not included in this filing

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Loop Conditioning							
Bridged Tap Removal							
One Occurrence							PRO-2
Multiple Occurrences							PRO-2
Load Coil Removal							
Load Coil Removal Only							PRO-2
Combinations							
Bridged Tap (One) and Load Coil Removal							PRO-2
Bridged Tap (Multiple) and Load Coil Removal							PRO-2
Line and Station Transfer							
Vacant							
Change Facility Connection							
Facility Verification	AVFC						
Total							PRO-2
DRC							PRO-2
In-Use							
Change Facility Connection							
Facility Verification	AVFC						
Total							PRO-2
DRC							PRO-2

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Occurrence	Probability of Occurrence	Minutes per Line	Weighted LLR per Minute	Cost per Line	Destination
		A=AINP- 1..8	B=AINP- 1..8	C=A*B	D=AINP-1	E=C*D	
UNE- Platform (UNE-Ps)							
Exchange Elements							
Basic							
Migration As Is +/-							
APC - Change Feature							PRO-4
APC - Measured Service							PRO-4
Total							
Change Line Feature							
APC							
Complex Non-digital							
Migration As Specified							
APC							PRO-4
DBM (Initial line only)							PRO-4
Change Line Feature							
APC							PRO-4
Change Switch Feature Group							
APC							PRO-4
DBM							PRO-4
Complex Digital							
Migration As Specified							
APC							PRO-4
DBM (Initial line only)							PRO-4
Change Line Feature							
APC							PRO-4
Change Switch Feature Group							
APC							PRO-4
DBM							PRO-4

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Elements (UNEs)						
Advanced/Special Elements						
Unbundled Loop						
Basic						
New						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignment - Local Loop Assignment						PRO-3
Design Group - DS0						PRO-3
Testing						PRO-3
Dispatch						PRO-3
Disconnect						
Service Order Entry - Non-Message (Initial line only)			5			PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignment - Local Loop Assignment						PRO-3
Design Group - DS0						PRO-3
Dispatch						PRO-3
Change CO Connection						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Design Group - DS0						PRO-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Elements (UNEs)						
Advanced/Special Elements						
Unbundled Loop						
Complex Digital						
New						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment			5			PRO-3
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-3
Testing						PRO-3
Dispatch						PRO-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Elements (UNEs)						
Advanced/Special Elements						
Unbundled Loop						
Complex Digital						
Disconnect						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignment						
Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment						PRO-3
Design Group						
DS0						
Hi-Cap						
Total Design Group			5			PRO-3
Dispatch						PRO-3
Change CO Connection						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Element (UNE) Port						
Advanced/Special Elements						
Complex						
New						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignemnt						
Hi-Cap Prework						
Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment			5			PRO-3
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-3
Switch Update - Database Management						PRO-3
Testing						PRO-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Element (UNE) Port						
Advanced/Special Elements						
Complex						
Disconnect						
Service Order Entry - Non-Message (Initial line only)						PRO-3
Admin Group - Non-Message (Initial line only)						PRO-3
Facility Assignment - Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment - Local Loop Assignment			5			PRO-3
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-3
Switch Update - Database Management						PRO-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Calculations of Costs - UNEs

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Circuit	LLR per Minute	Cost per Circuit	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Unbundled Network Element (UNE) Port / Platform (UNE-P)						
Advanced/Special Elements						
Complex						
Migration As Specified (UNE-P only)						
Service Order Entry - Non-Message (Initial line only)						PRO-4
Admin Group - Non-Message (Initial line only)						PRO-4
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-4
Switch Update - Database Management						PRO-4
Testing						PRO-4
Change						
Service Order Entry - Non-Message (Initial line only)			5			PRO-4
Admin Group - Non-Message (Initial line only)						PRO-4
Design Group						
DS0						
Hi-Cap						
Total Design Group						PRO-4
Switch Update - Database Management						PRO-4
Expedite						
Admin Group - Non-Message						PRO-6

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Network Wholesale Elements						
ILEC Dedicated Transport - IDT						
DS0 and Fractional T-1						
New						
Service Order Entry - Non-Message						PRO-7
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment						PRO-7
Design Group - DS0						PRO-7
Testing						PRO-7
Admin Group - Non-Message			5			PRO-7
Disconnect						
Service Order Entry - Non-Message						PRO-7
Facility Assignment - Local Loop Assignment						PRO-7
Design Group - DS0						PRO-7
Admin Group - Non-Message						PRO-7
Change						
Service Order Entry - Non-Message						PRO-7
Design Group - DS0						PRO-7
Admin Group - Non-Message						PRO-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Network Wholesale Elements						
ILEC Dedicated Transport - IDT						
DS1 and Higher						
New						
Service Order Entry - Non-Message						PRO-7
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
Total Facility Assignment						PRO-7
Design Group - Hi-Cap						PRO-7
Testing						PRO-7
Admin Group - Non-Message						PRO-7
Disconnect			5			
Service Order Entry - Non-Message						PRO-7
Facility Assignment - Local Loop Assignment						PRO-7
Design Group - Hi-Cap						PRO-7
Admin Group - Non-Message						PRO-7
Change						
Service Order Entry - Non-Message						PRO-7
Design Group - Hi-Cap						PRO-7
Admin Group- Non-Message						PRO-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Network Wholesale Elements						
CLEC Dedicated Transport - CDT						
DS0 and Fractional T-1						
New						
Service Order Entry - Non-Message						PRO-7
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
DS0						
Hi-Cap						
Total Facility Assignment						PRO-7
Design Group - DS0						PRO-7
Testing						PRO-7
Admin Group - Non-Message						PRO-7
Dispatch			5			PRO-7
Disconnect						
Service Order Entry - Non-Message						PRO-7
Facility Assignment - Local Loop Assignment						PRO-7
Design Group - DS0						PRO-7
Admin Group - Non-Message						PRO-7
Disptach						PRO-7
Change						
Service Order Entry - Non-Message						PRO-7
Design Group - DS0						PRO-7
Admin Group - Non-Message						PRO-7
Dispatch						PRO-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Network Wholesale Elements						
CLEC Dedicated Transport - CDT						
DS1 and Higher						
New						
Service Order Entry - Non-Message						PRO-7
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
Total Facility Assignment						PRO-7
Design Group - Hi-Cap						PRO-7
Testing						PRO-7
Admin Group - Non-Message						PRO-7
Dispatch						PRO-7
Disconnect						
Service Order Entry - Non-Message						PRO-7
Facility Assignment - Local Loop Assignment						PRO-7
Design Group - Hi-Cap						PRO-7
Admin Group - Non-Message						PRO-7
Dispatch						PRO-7
Change						
Service Order Entry - Non-Message						PRO-7
Design Group - Hi-Cap						PRO-7
Admin Group- Non-Message						PRO-7
Dispatch						PRO-7

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Facilities and Trunk						
New						
Database Management - Work Control Center						PRO-8
Service Order Entry						
Non-Message						
Message						
Total Service Order Entry						PRO-8
Design Group						
DS0						
Message						
Total Design Group						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Testing						PRO-8
Admin Group						
Non-Message						
Message						
Total Admin Group						PRO-8

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Facilities and Trunk						
Disconnect						
Database Management - Work Control Center						PRO-8
Service Order Entry						
Non-Message						
Message						
Total Service Order Entry						PRO-8
Design Group - Message			5			PRO-8
Switch Update - Database Management						PRO-8
Admin Group						
Non-Message						
Message						
Total Admin Group						PRO-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Facilities and Trunk						
Change w/ Engineering Review						
Database Management - Work Control Center						PRO-8
Service Order Entry						
Non-Message						
Message						
Total Service Order Entry						PRO-8
Design Group						
DS0			5			
Message						
Total Design Group						PRO-8
Switch Update						
Database Management						
Central Office Testing						PRO-8
Admin Group - Message						PRO-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Facilities and Trunk						
Change w/out Engineering Review						
Database Management - Work Control Center						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Admin Group - Message						PRO-8
Trunk Port						
Trunk Only						
New						
Database Management - Work Control Center			5			PRO-8
Service Order Entry - Message						PRO-8
Design Group						
DS0						
Message						
Total Design Group						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Admin Group - Message						PRO-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Trunk Only						
Disconnect						
Database Management - Work Control Center						PRO-8
Service Order Entry - Message						PRO-8
Design Group - Message						PRO-8
Switch Update - Database Management						PRO-8
Admin Group - Message						PRO-8
Change w/ Engineering Review						
Database Management - Work Control Center						PRO-8
Service Order Entry - Message						PRO-8
Design Group			5			
DS0						
Message						
Total Design Group						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Admin Group - Message						PRO-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
Trunk Port						
Trunk Only						
Change w/out Engineering Review						
Database Management - Work Control Center						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Admin Group - Message						PRO-8
STP Ports (SS7 Links)						
New						
Database Management - Work Control Center						PRO-8
Service Order Entry - Message			5			PRO-8
Design Group						
DS0						
Message						
Total Design Group						PRO-8
Switch Update						
Database Management						
Central Office Testing						
Total Switch Update						PRO-8
Admin Group - Message						PRO-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Signaling System Seven (SS7)						
STP Ports (SS7 Links)						
Disconnect						
Database Management - Work Control Center						PRO-8
Service Order Entry - Message						PRO-8
Design Group - Message						PRO-8
Switch Update - Database Management			5			PRO-8
Admin Group - Message						PRO-8
Multiplexing						PRO-9

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Enhanced Extended Links (EELs)						
Basic (Loop)						
New						
Service Order Entry - Non-Message (Initial line only)						PRO-9
Admin Group - Non-Message (Initial line only)						PRO-9
Facility Assignment - Local Loop Assignment						PRO-9
Design Group - DS0						PRO-9
Testing						PRO-9
Dispatch						PRO-9
Disconnect						
Service Order Entry - Non-Message (Initial line only)						PRO-9
Admin Group - Non-Message (Initial line only)						PRO-9
Facility Assignment - Local Loop Assignment			5			PRO-9
Design Group - DS0						PRO-9
Dispatch						PRO-9
Migration As Is						
Admin Group - Non-Message						PRO-9
Change						
Service Order Entry - Non-Message (Initial line only)						PRO-9
Admin Group - Non-Message (Initial line only)						PRO-9
Design Group - DS0						PRO-9

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Enhanced Extended Links (EELs)						
DS0 and Fractional T-1						
New						
Service Order Entry - Non-Message						PRO-9
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
Total Facility Assignment						PRO-9
Design Group						PRO-9
Testing						PRO-9
Admin Group - Non-Message						PRO-9
Dispatch						PRO-9
Disconnect						
Service Order Entry - Non-Message						PRO-9
Facility Assignment - Local Loop Assignment						PRO-9
Design Group						PRO-9
Admin Group - Non-Message						PRO-9
Dispatch						PRO-9
Migration As Is						
Admin Group - Non-Message						PRO-9
Change						
Service Order Entry - Non-Message						PRO-9
Design Group						PRO-9
Admin Group - Non-Message						PRO-9

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Enhanced Extended Links (EELs)						
DS1 and Higher						
New						
Service Order Entry - Non-Message						PRO-9
Facility Assignment						
Hi-Cap Prework						
Local Loop Assignment						
Total Facility Assignment						PRO-9
Design Group						PRO-9
Testing						PRO-9
Admin Group - Non-Message						PRO-9
Dispatch						PRO-9
Disconnect						
Service Order Entry - Non-Message			5			PRO-9
Facility Assignment - Local Loop Assignment						PRO-9
Design Group						PRO-9
Admin Group - Non-Message						PRO-9
Dispatch						PRO-9
Migration As Is						
Admin Group - Non-Message						PRO-9
Change						
Service Order Entry - Non-Message						PRO-9
Design Group						PRO-9
Admin Group - Non-Message						PRO-9

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Provisioning Calculations

Description	Minutes per Occurrence	Probability of Occurrence	Minutes per Order	LLR per Minute	Cost per Order	Destination
	A=APRI-1..8	B=APRI-1..8	C=A*B	D=APRI-1..8	E=C*D	
Dark Fiber						
Preordering						
Exchange Facilities						
Design Group						
Access						PRO-10
Inter-office Facilities						
Design Group						
Access Design						
Network Design						
Total Design Group						PRO-10
UNE Inter-office Dedicated Transport						
Service Order Entry - Non-Message						PRO-10
Design Group - Hi-Cap						PRO-10
Admin - Non-Message						PRO-10
Unbundled Loop						
Service Order Entry - Non-Message			5			PRO-10
Design Group - Hi-Cap						PRO-10
Admin - Non-Message						PRO-10
Dispatch						PRO-10
Subloop Feeder						
Service Order Entry - Non-Message						PRO-10
Design Group - Hi-Cap						PRO-10
Admin - Non-Message						PRO-10
Dispatch						PRO-10
Subloop Distribution						
Service Order Entry - Non-Message						PRO-10
Design Group - Hi-Cap						PRO-10
Admin - Non-Message						PRO-10
Dispatch						PRO-10

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Calculation of Costs - UNEs

Description	Source	Minutes per Order	Probability of Occurrence	Minutes per Unit	LLR per Minute	Cost per Unit	Destination
		A=AINP-9, Source	A=AINP-9, Source	C=A*B	D=AINP-1, 9	E=C*D	
Other Exchange Elements							
Coordinated Conversion							
Process 1							
Standard Interval							PRO-5
Process 2							
Standard Interval							PRO-5
Additional Interval							PRO-5
Process 3							
Standard Interval							PRO-5
DRC							PRO-5
Additional Interval							PRO-5
Hot Cut Coordinated Conversion							
Process 1							
Standard Interval							PRO-5
Process 2							
Standard Interval							PRO-5
Additional Interval							PRO-5
Process 3							
Standard Interval							PRO-5
DRC							PRO-5
Additional Interval							PRO-5
Unbundled House and Riser							
New							
DRC							PRO-5
APC	AMPU-1						PRO-5
Disconnect							
DRC							PRO-5
APC	AMPU-1						PRO-5

5

4- FIELD WORK

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Field Work - Exhibits by Page Number

	Exhibit Name	Page
Field Work Narrative		1
Summary - Unbundled Loop and Port	FWS	11
Summary - UNE-Ps	FWS	14
Summary - Subloop	FWS	15
Summary - Line Sharing	FWS	16
Summary - Loop Conditioning	FWS	17
Summary - Line and Station Transfer	FWS	18
Summary - NID, Coordinated Conversions & Expedites	FWS	19
Summary - Dedicated Transport	FWS	22
Summary - Signaling System Seven (SS7)	FWS	23
Summary - EELs	FWS	24
Summary - Dark Fiber	FWS	25
Central Office Calculation - Unbundled Loop and Port	COC	26
Central Office Calculation - UNE-Ps	COC	29
Central Office Calculation - NID, Coordinated Conversions & Expedites	COC	30
Central Office Calculation - Dedicated Transport	COC	33
Central Office Calculation - Signaling System Seven (SS7)	COC	34
Field Installation Calculation - Unbundled Loop and Port	FIC	35
Field Installation Calculation - UNE-Ps	FIC	38
Field Installation Calculation - NID, Coordinated Conversions & Expedites	FIC	39
Field Installation Calculation - Dedicated Transport	FIC	42
Field Installation Calculation - Signaling System Seven (SS7)	FIC	43
Calculations - Subloop	SLC	44
Central Office - Jumper Summary	LSC	48
Calculations - Bridged Tap, Load Coil & Engineering	LCC	50
Calculations - Line and Station Transfer	LTF	52
Calculations - Line and Station Transfer	LTC	53
Calculations - Dark Fiber	DFC	54
Field Work - House and Riser	UHR	55

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Field Work - Exhibits by Exhibit Name

	Exhibit Name	Page
Field Work Narrative		1
Central Office Calculation - Unbundled Loop and Port	COC	26
Central Office Calculation - UNE-Ps	COC	29
Central Office Calculation - NID, Coordinated Conversions & Expedites	COC	30
Central Office Calculation - Dedicated Transport	COC	33
Central Office Calculation - Signaling System Seven (SS7)	COC	34
Calculations - Dark Fiber	DFC	54
Field Installation Calculation - Unbundled Loop and Port	FIC	35
Field Installation Calculation - UNE-Ps	FIC	38
Field Installation Calculation - NID, Coordinated Conversions & Expedites	FIC	39
Field Installation Calculation - Dedicated Transport	FIC	42
Field Installation Calculation - Signaling System Seven (SS7)	FIC	43
Summary - Unbundled Loop and Port	FWS	11
Summary - UNE-Ps	FWS	14
Summary - Subloop	FWS	15
Summary - Line Sharing	FWS	16
Summary - Loop Conditioning	FWS	17
Summary - Line and Station Transfer	FWS	18
Summary - NID, Coordinated Conversions & Expedites	FWS	19
Summary - Dedicated Transport	FWS	22
Summary - Signaling System Seven (SS7)	FWS	23
Summary - EELs	FWS	24
Summary - Dark Fiber	FWS	25
Calculations - Bridged Tap, Load Coil & Engineering	LCC	50
Central Office - Jumper Summary	LSC	48
Calculations - Line and Station Transfer	LTC	53
Calculations - Line and Station Transfer	LTF	52
Calculations - Subloop	SLC	44
Field Work - House and Riser	UHR	55

Field Work Function

This section addresses the costs of the non-recurring activities to install, change, and disconnect UNEs/UNE-Ps in the field (outside plant) and central office. Outside plant work is any non-recurring activity on the facilities between the central office and the customer's premises. This includes any cross-connect activity at the Feeder/Distribution Interface (FDI), cross-connect box, pedestal or pole, and Network Interface Device (NID).

Central office activities include running/breaking jumpers on the Main Distribution Frame (MDF), Intermediate Distribution Frames (IDFs), and Tie-Cable Frames. The Central Office Technicians are responsible for orders in the host office, as well as in remote offices.

Installation Cost Methodology

The cost team documented the installation process flows for outside plant and central office. The process flows address system enhancements that will modify work performed by these groups. The cost team also accounted for Express Dial Tone (EDT) and Left-in-Jumper (LIJ) when determining the probability of cross-connect and jumper activity.

The installation UNE/UNE-P NRCs were developed from time and motion studies, system reports, order volumes, workgroup hours and Subject Matter Experts (SME) estimates. The cost team used the most current loaded labor rates for each of the workgroups. (See Appendix Tab 6 for Loaded Labor Rates.) The cost team calculated the installation costs for each type of UNE order using the standard non-recurring cost calculation:

Activity Time X Probability X Labor Rate = Cost

The cost data for the Local Wholesale UNEs/UNE-Ps are expressed in terms of initial line and additional line. Costs for Network Wholesale UNEs are calculated on a *per order* basis.

Costs of Local Wholesale UNEs

Data Collection

Below is an overview of the installation workgroups, activity times, and probability of occurrence.

Field Installation

The outside plant work is usually performed by Customer Zone Technicians (CZTs) or Business Zone Technicians (BZTs). CZTs install all Exchange – Basic and Complex unbundled loops and sub-loops for residential customers and one- or two-line business customers throughout the state. BZTs install the unbundled loop and sub-loop orders for three or more lines within the business zones in metropolitan areas of the state.

The cost team used data from the following sources for CZT/BZT drive time and cross-connect activity times to calculate the outside plant NRCs:

- Time and motion study for drive time and cross-connects at the FDI, cross-connect box, pedestal/pole, and NID;
- Reports from National Order Collection Vehicle (NOCV) and the Standard Time and Activity Reporting (STAR) system for probability of dispatch, productive hours, and number and type of orders and corresponding lines;
- SME estimates for services such as Coordinated Conversions and Hot Cut Coordinated Conversions.

Time and Motion Study

A team of Arthur Andersen personnel conducted time and motion studies in six states to determine the CZT/BZT drive times from point-to-point during the normal workday. The study included timed observations of the technicians running and breaking cross-connects at various terminal locations in the feeder, distribution and drop plant. The drive times are used for all of the CZT/BZT UNE activities. The cost team applied the cross-connect and drive times to the CZT/BZT sub-loop activities.

System Extracts

The cost team obtained completed order files from NOCV to identify the type of service being installed or removed, and the number of lines on the order. They matched the NOCV records with STAR data to categorize the dispatched orders into the UNE categories: Exchange – Basic or Complex and Advanced/Special – Basic or Complex. The cost team used the STAR positive time reporting data to identify the average time spent on field work performed by CZTs/BZTs for each of the UNE categories.

The "Percent Load" data from NOCV and STAR were used to determine the probability of dispatch for UNE/UNE-P Exchange – Basic and Complex. For many services there is no outside plant work. For example, loops may be activated on the MDF because of EDT and LIJ procedures. Also, when a CLEC

migrates an existing end-user POTS to the UNE platform, there will generally be no outside plant activity.

The Probability of Occurrence of outside plant work for the Advanced/Special – Basic and Complex Loops requiring a field trip is 100% on all new or disconnect orders. All new digital loops (DS0, DS1 and higher) require cross-connect work. The BZT downloads the job from AWAS, completes the field work, cooperatively tests the line(s), and reports completion.

SME Estimates

Time estimates were used to calculate the costs for Coordinated Conversion and Hot Cut Coordinated Conversion of UNEs where the amount of time required for CZTs/BZTs, Central Office Technicians, testing and assignment personnel is not available from analogous services in the Retail market. The costs reflect estimates of the field installation time for a standard interval (base case) and for additional intervals of time when the conversion extends beyond the standard interval. The standard interval for a Coordinated Conversion is 15 minutes. The standard interval for a Hot Cut Coordinated Conversion is 1 hour. The additional interval for both Coordinated Conversion and Hot Cut Coordinated Conversion is 15 minutes.

Central Office Activity

In manned central offices, Central Office Technicians run/break the frame jumpers. Central Office Technicians download "Jumper Run Lists" from AAIS; the lists identify all instructions for running or breaking frame jumpers to complete the UNE/UNE-P orders.

All new and disconnect unbundled loop and port orders require frame work. The time required to run or break a jumper depends on the type of frame, the length of the frame and the physical location of the equipment. The cost managers used the "Jumper Study" and the "Drive Time Study" to calculate the central office costs for each type of UNE category: Exchange – Basic or Complex and Advanced/Special – Basic or Complex.

Data Collection

The cost team and Arthur Andersen personnel conducted time and motion studies to determine the activity times for all of the central office work for UNEs. Study personnel observed and timed with a stopwatch the jumper activity in ten central office locations for the period of one week. The central offices were chosen to provide a mix of size, frame types, and host vs. remote activity. To develop the average time to run a jumper in the host office, the observers included all jumper activity for new orders on the jumper run list; for breaks of jumpers, they included all jumper activity for disconnect orders.

A separate study was conducted to determine drive times for service order activity in remote offices. The observer calculated the percentage of time spent at the remote running or breaking jumpers versus other all other central office work. This percentage was then applied to the total drive time to the remote. To determine jumper run times for remote offices, the observer included an allocation of drive time to the remote location.

Using the number of access lines for the manned and unmanned offices, the cost team computed a host/remote ratio and then weighted the average time to run a jumper at a manned vs. unmanned location. This results in a single weighted average jumper time. The average jumper time is used in the *per-line* cost calculation for each type of UNE/UNE-P.

Probability of Jumper Activity

All unbundled loop and port orders require jumper activity. There is a 100% Probability of Occurrence of jumper activity for new UNE orders because the loop/port must be jumpered from the cable pair/office equipment to the CLEC's collocation cage terminal block. When the CLEC places a disconnect order for an unbundled loop/port, the Central Office Technician (or CZT/BZT) breaks the jumpers, leaving no jumpers between the CLEC's terminal block and Verizon's terminal blocks on the frame.

New orders for UNE-Ps are not processed. If the line is already connected from the customer's premises to the office equipment on the MDF to provide EDT (Express Dial Tone) or the loop is already connected as with LIJ, then no jumpers will be required. The data for EDT and LIJ is identified in an AAIS Central Office Activity Report.

Migration of existing POTS service to UNE-P will not require frame jumper work.

Change Central Office Connection

When the CLEC places a change order for Central Office Connection, the Central Office Technician disconnects the "out" jumpers and runs new jumpers according to the instructions on the order. The costs are determined from the Jumper Study.

Costs of Other Services

Central Office Technicians may be involved in Coordinated Conversions and Hot Cut Coordinated Conversions. Time estimates were used to calculate the costs for Central Office Technicians. The costs reflect estimates of the central office time for a standard interval and for additional intervals of time when the conversion extends beyond the standard interval.

Costs of Network Wholesale UNEs

Central Office and Field Installation activity are required for the Network Wholesale UNEs. Arthur Andersen personnel conducted time and motion studies to determine the activities and the time involved for new installations and disconnects for Switched and Special Access services. The Access Services correspond directly to Network Wholesale UNEs, so those activities times were used in this NRC study. Following is a brief description of the activities.

For the following Network Wholesale UNEs, Central office activities to run/break jumpers and perform call-through testing were costed:

- SS7 Links and STP Termination
- Modification of Enhanced Extended Links (EELs)

Entrance Facilities require both Central Office and Field Installation. The central office costs (running jumpers and optioning/inserting plug-in cards) are based on the results of a self-administered time-and-motion study. Field Installation costs are determined from STAR extracts for BZT/Special Services Technician installation of Special Access orders.

Costs of Loop Conditioning

This section of the NRC Study addresses the costs of Loop Conditioning. Loop Conditioning is the business process required to make a line digital-capable when Load Coil(s) and/or Bridged Tap(s)[1] are in the network. Load coils and Bridged Taps impede the transmission of digital signals. If the CLEC requires digital-capable copper pairs for the service it offers its customers, the CLEC has the option of ordering Loop Conditioning from Verizon. Loop Conditioning may be requested when technically feasible.

Removing a Load Coil and/or Bridged Tap from a cable pair requires coordination of several Verizon work groups to ensure that cable pairs for other end users are not affected.

Cost Methodology

The method used to develop the time and cost factors associated with deloading (Load Coil removal) and removing Bridged Tap from cable pairs for use with high frequency equipment was completed by the Outside Plant Construction and Outside Plant Engineer support groups. Subject Matter Experts (SMEs) in conjunction with field managers developed the activities and times to accomplish loop conditioning activities. The SMEs are located in Irving, Texas and are the support group for all field forces. The SMEs consulted with the field forces to verify the time and activities were valid. This information was collected and prepared in April 2000.

Load Coil Removal

Load coils are an integral part of the copper, voice grade communications network. Their purpose is to provide for the proper operation of voice grade equipment on loops that exceed normal accepted telecommunications voice grade circuit length. Load Coils cannot be removed from exchange plant when required to ensure transmission and signaling levels. Load coils have been in the network in the past and are still used today for those loops that exceed the limits of the switching equipment. In many cases, based on previous outside plant usage, Load Coils exist on loops that no longer require them.

Load coils are not needed in the provisioning of high frequency circuits. The opposite is actually true in that the Load Coil inhibits the proper transmission of the high frequency signals of the circuit. In order for these circuits to work correctly, a properly loaded cable pair for voice grade service must be deloaded.

A conservative estimate of Load Coil(s) by loop footage is as follows:

Cable Footage	Average Load Coils Initial Pair	Average Load Coils Additional Pair
0 to 18K	2	2
>18K to 21K	3	3
>21K to 27K	4	4

When the CLEC requests a conditioned loop for a customer and the cable pair is loaded, a request is sent to the local engineering department to analyze the network and draft a work order for the pair to be deloaded. The engineering group will create a work order that will be sent to the outside plant construction forces outlining the work necessary to deload the cable pair. The outside plant construction splicing group will work the order and advise the engineering group upon the completion of the activity. The engineering group will then advise the service office that the order can be worked as requested. All records are updated showing the change in the loading of the pair.

The cost to remove a Load Coil is weighted by the amount of aerial/buried and underground plant. The time to perform the activities is then multiplied by the Loaded Labor Rate of a construction cable splicer. The same process is performed on the multiple occurrence minutes per total activity, times the Loaded Labor Rate of a construction cable splicer. In the case of underground cable, two cable splicers are necessary to perform the task. Therefore, the time required to perform this function is doubled. Load Coil removal costs are on a per pair basis.

Bridged Tap Removal

Bridged Tap is a condition in which a cable pair branches off to serve various locations. These branches provide flexibility in the use of the cable pairs. The Bridged Taps have a negative affect on the transmission of high frequency signals. The Bridged Tap does not affect voice grade signals. This method of provisioning copper voice grade service has been an accepted method by all telecommunication companies for years.

When the CLEC requests a conditioned loop that requires all the cable pair Bridged Taps to be removed, the engineering department is advised and the outside plant engineering records are examined to determine the location of the Bridged Taps. A work order is created to remove the Bridged Taps and is sent to the outside plant construction work group. A construction cable splicer is assigned to the activity and the pair is cleared of the taps. When the work order is complete both the engineering group and the service office are notified that the CLEC request can be completed.

The costs for removing Bridged Taps were determined in the same manner as the Load Coil removal. Outside plant engineering and construction support SME's in conjunction with field forces determined the activities and the time required to perform the removal. In addition it was necessary to determine the number of Bridged Taps that may need to be removed. This was determined by acknowledging that the minimum number of removals would be one, and the maximum number is unknown. To determine the maximum number it would need to be at least two, and could be three or more. A conservative estimate is to average the minimum of two and three, which results in an average of two and one-half.

Method of Calculation

Load Coils

The first criteria used in determining the cost of removal is to ascertain the footage of aerial/buried cable and underground cable. This is done because of the differences in the amount of time for the Load Coil removal in the various types of outside plant. The time for removal is then weighted by this calculation.

Load Coils are placed on copper voice grade loops based on their distance from the central office. The Load Coils are placed at engineering distances to develop the maximum result. Therefore, as the footage of the cable increases from the central office the number of Load Coils increase proportionally. The length of cable footage is used to determine the number of loads to be removed. An inventory of cable lengths is completed on the specific state. The footages are segregated into the lengths that require the addition of a Load Coil. This percentage is then used to weight the time necessary to complete the Load Coil removal in that type of plant.

The resulting calculation from the two steps above provides an amount of minutes to remove the Load Coil(s). The minutes are then multiplied by the loaded labor rate for a construction cable splicer for the specific state. This calculation provides a cost for Load Coil removal.

The engineering costs are calculated by taking the minutes required to complete a work order for the Load Coil removal, times the loaded labor rate for an outside

plant engineer. The engineering process will be the same regardless of the number of Load Coils being removed.

Bridged Tap

The calculation for Bridged Tap removal is for both single and multiple occurrences of Bridged Taps. These occurrences, single or multiple, apply to only one pair.

The calculation is based on the amount of time required to remove a Bridged Tap from the cable pair. This time is weighted by the amount of aerial/buried and underground cable in the specific state.

The calculation is based on the removal of a single Bridged Tap and multiple occurrences. The average number of multiple occurrences is based on two and one-half occurrences. The cost to remove a Bridged Tap is weighted by the amount of aerial/buried and underground plant. The time to perform the activities is then multiplied by the loaded labor rate of a construction cable splicer. The same calculation is performed on the multiple occurrences cost times the loaded labor rate of a construction cable splicer.

The engineering time for the Bridged Tap removal involves the same type functions necessary to determine the number and location of Load Coils on a cable pair. Therefore the engineering time is the same for Bridged Tap removal. The Bridged Tap costs are on a per pair basis.

Costs of Line and Station Transfer

This section of the NRC Study addresses the costs of Line and Station Transfer. Line and Station Transfer is applicable when spare facilities are available to satisfy a CLEC request for a copper-based technology. Line and Station Transfers are not replacements for Loop Conditioning requests, and therefore are not ordered by the CLEC.

Cost Methodology

The method used to develop the time and cost factors associated with Line and Station Transfer uses existing jumper elements from the Central Office cost methodology and drive time elements from the Field Installation cost methodology. Engineering times for Line and Station Transfer for xDSL-capable facility verification were obtained from Outside Plant Engineering Support.

Method of Calculation

Line and Station Transfer

Verizon determines whether to perform Line and Station Transfer when attempting to provision xDSL service on a facility served by a DLC. Line and Station Transfers can either involve the swapping of a CLEC customer from DLC to spare copper or the rearrangement of an existing Verizon customer from a copper facility onto fiber in order to vacate the copper facility for CLEC xDSL use.

The Central Office costs for Line and Station Transfer are based on time and jumper costs from the "Jumper Study". When Line and Station Transfer involves moving a DLC-based CLEC customer to spare copper facilities, the Central Office Technician run a single jumper from the MDF to the CLEC terminal block. In the scenario where the DLC-based CLEC customer is switching facilities with a copper-based Verizon customer, the Central Office Technician must break the existing facility connection for the Verizon customer in order to run the jumper.

The Field Installation costs for Line and Station Transfer are identical to those required for Subloop activity.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Unbundled Loop and Port

Description	Initial Line		Additional Lines		Destination
	CO Work	Field Installation	CO Work	Field Installation	
	A=COC-1..3	B=FIC-1..3	C=COC-1..3	D=FIC-1..3	
Unbundled Network Elements (UNEs)					
Exchange Products					
Unbundled Loop					
Basic					
New	5				RUBL-1
Disconnect					RUBL-1
Change CO Connection					RUBL-1
Complex Non-digital					
New					RUBL-2
Disconnect					RUBL-2
Change CO Connection					RUBL-2
Complex Digital					
New					RUBL-3
Disconnect					RUBL-3
Change CO Connection					RUBL-3

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Unbundled Loop and Port

Description	Initial Line		Additional Lines		Destination
	CO Work	Field Installation	CO Work	Field Installation	
	A=COC-1..3	B=FIC-1..3	C=COC-1..3	D=FIC-1..3	
Unbundled Network Elements (UNEs)					
Exchange Products					
Unbundled Port					
Basic					
New					RUBP-1
Disconnect					RUBP-1
Change Port Feature					RUBP-1
Change CO Connection					RUBP-1
Complex Non-digital					
New					RUBP-2
Disconnect					RUBP-2
Change Port Feature					RUBP-2
Change Switch Feature Group					RUBP-2
Change CO Connection					RUBP-2
Complex Digital					
New					RUBP-3
Disconnect					RUBP-3
Change Port Feature					RUBP-3
Change Switch Feature Group					RUBP-3
Change CO Connection					RUBP-3
		5			

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Unbundled Loop and Port

Description	Initial Line		Additional Lines		Destination
	CO Work	Field Installation	CO Work	Field Installation	
	A=COC-1..3	B=FIC-1..3	C=COC-1..3	D=FIC-1..3	
Unbundled Network Elements (UNEs)					
Exchange Products					
Interim Number Portability					
New					RINP
Disconnect					RINP
Change					RINP
Advanced/Special Products					
Unbundled Loop					
Basic					
New					RUBL-4
Disconnect					RUBL-4
Change CO Connection					RUBL-4
Complex Digital					
New					RUBL-5
Disconnect					RUBL-5
Change CO Connection					RUBL-5
Unbundled Port					
Complex					
New					RUBP-4
Disconnect					RUBP-4
Change CO Connection					RUBP-4

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - UNE-Ps

Description	Initial Line		Additional Lines		Destination
	CO Work	Field Installation	CO Work	Field Installation	
	A=COC-4	B=FIC-4	C=COC-4	D=FIC-4	
UNE - Platforms (UNE-Ps)					
Exchange Products					
Basic					
Migration As Is +/ -					RUNP-1
Change Line Feature					RUNP-1
Exchange Products					
Complex Non-digital					
Migration As Specified					RUNP-2
Change Line Feature					RUNP-2
Change Switch Feature Group					RUNP-2
Complex Digital					
Migration As Specified					RUNP-3
Change Line Feature					RUNP-3
Change Switch Feature Group					RUNP-3
Advanced/Special Products					
Complex					
Migration As Specified					RUNP-4
Change					RUNP-4

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Subloop

Description	Initial Line		Additional Lines		Destination
	CO Work	Field Installation	CO Work	Field Installation	
	A=SLC-1..4	B=SLC-1..4	C=SLC-1..4	D=SLC-1..4	
Unbundled Network Elements (UNEs)					
Exchange Products					
Subloop					
FDI - Feeder Connection					
New	5				RUSL-1
Disconnect					RUSL-1
Change Facility Connection					RUSL-1
FDI - Distribution Connection					
New					RUSL-1
Disconnect					RUSL-1
Change Facility Connection					RUSL-1
Serving Terminal Connection					
New					RUSL-2
Disconnect					RUSL-2
Change Facility Connection					RUSL-2

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Line Sharing

Destination	Field Work				Destination
	Initial Line		Additional Line		
	CO Work	Field Installation	CO Work	Field Installation	
	A=LSC-1, 2	B=LSC-1, 2	C=LSC-1, 2	D=LSC-1, 2	
Unbundled Network Elements (UNEs)					
Exchange Products					
Line Sharing					
CLEC CO Splitter Connection					
New					
Disconnect					
Change CO Connection					

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Loop Conditioning

Ln	Description	Source	CO Work		Initial		Additional	Total Cost		Destination
			Initial	Additional	Construction	Engineering	Construction	Initial	Additional	
			A=LCC-1, 2	B=LCC-1, 2	C=LCC-1, 2	D=Source	E=LCC-1, 2	F=C+D	G=E	
	Bridged Tap Removal									
1	One Occurrence	LCC-2								RLCC
2	Multiple Occurrences	LCC-2								RLCC
	Load Coil Removal									
3	Load Coil Removal Only	LCC-2								RLCC
	Bridged Tap and Load Coil Combinations									
	One Occurrence									
4	Bridged Tap	LCC-2								
5	Load Coil	Note 1								
6	**Total**	Ln 4+Ln 5								RLCC
	Multiple Occurrences									
7	Bridged Tap	LCC-2								
8	Load Coil	Note 1								
9	**Total**	Ln 7+Ln 8								RLCC

4

Note 1: Only one Engineering cost applies when ordering a Combination Load Coil and Bridged Tap removal

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Line and Station Transfer

Destination	CO Work		Field Installation			Total Cost		Destination
	Initial Line	Additional Line	Initial Line	Engineering	Additional Line	Initial Line	Additional Line	
	A=LTC	B=LTF	C=LTC	D=LTF	E=LTF	F=C+D	G=E	
Unbundled Network Elements (UNEs)								
Exchange Products								
Line and Station Transfer								
Vacant Transfer	4							RLST
In-Use Transfer								RLST

Note 1: Engineering cost for Line and Station Transfer applies only to Initial line.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - NID, Coordinated Conversions & Expedites

Description	Source	Per Order		Destination
		CO Work	Field Installation	
		A=COC-5..7	B=Source	
Exchange and Advanced/Special Products				
Network Interface Device(NID)				
New	FIC-5..7			RNID
House and Riser				
New	UHR			RUHR
Disconnect	UHR			RUHR
Coordinated Conversion				
Exchange Products				
Process 1				
Standard Interval	FIC-5..7			RCOC
Process 2				
Standard Interval	FIC-5..7			RCOC
Additional Interval	FIC-5..7	5		RCOC
Process 3				
Standard Interval	FIC-5..7			RCOC
Additional Interval	FIC-5..7			RCOC
Advanced/Special Products				
Process 1				
Standard Interval	FIC-5..7			RCOC
Process 2				
Standard Interval	FIC-5..7			RCOC
Additional Interval	FIC-5..7			RCOC
Process 3				
Standard Interval	FIC-5..7			RCOC
Additional Interval	FIC-5..7			RCOC

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - NID, Coordinated Conversions & Expedites

Description	Per Order			
	Source	CO Work	Field Installation	Destination
		A=COC-5..7	B=Source	
Exchange and Advanced/special Products				
Hot Cut Coordinated Conversion				
Exchange Products				
Process 1				
Standard Interval	FIC-5..7			RHCC
Process 2				
Standard Interval	FIC-5..7			RHCC
Additional Interval	FIC-5..7			RHCC
Process 3				
Standard Interval	FIC-5..7			RHCC
Additional Interval	FIC-5..7			RHCC
Advanced/Special Products		5		
Process 1				
Standard Interval	FIC-5..7			RHCC
Process 2				
Standard Interval	FIC-5..7			RHCC
Additional Interval	FIC-5..7			RHCC
Process 3				
Standard Interval	FIC-5..7			RHCC
Additional Interval	FIC-5..7			RHCC

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - NID, Coordinated Conversions & Expedites

Description	Source	Per Order		Destination
		CO Work	Field Installation	
		A=COC-5..7	B=Source	
Exchange and Advanced/Special Products				
Expedites				
Exchange Products	FIC-5..7	5		REXP
Advanced/Special Products	FIC-5..7			REXP
Customer Service Record Search	FIC-5..7			REXP
CLEC Account Establishment	FIC-5..7			REXP
No Access Customer Will Advise	FIC-5..7			REXP

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Dedicated Transport

Description	Per Order		
	CO Work	Field Installation	Destination
	A=COC-8	B=FIC-8	
Network Wholesale Services			
Inter-office Dedicated Transport			
DS0 and Fractional T-1			
New	5		RIDT
Disconnect			RIDT
Change			RIDT
DS1 and Higher			
New			RIDT
Disconnect			RIDT
Change			RIDT
CLEC Dedicated Transport			
DS0 and Fractional T-1			
New			RCDT
Disconnect			RCDT
Change			RCDT
DS1 and Higher			
New			RCDT
Disconnect			RCDT
Change			RCDT

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Signaling System Seven (SS7)

Description	Per Order		Destination
	CO Work	Field Installation	
	A=COC-9	B=FIC-9	
Signaling System Seven (SS7)			
Trunk Ports			
Facilities and Trunks			
New	5		RSS7-1
Disconnect			RSS7-1
Change w/Engineering Review			RSS7-1
Change w/out Engineering Review			RSS7-1
Trunk Only			
New			RSS7-2
Disconnect			RSS7-2
Change w/Engineering Review			RSS7-2
Change w/out Engineering Review			RSS7-2
STP Ports (SS7 Links)			
New			RSS7-2
Disconnect			RSS7-2

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - EELs

Description	Per Order		Destination
	CO Work	Field Installation	
	A=AEEL-3, 4	B=AEEL-1, 2	
Enhanced Extended Links (EELs)			
Basic (Loop)			
New	5		REEL-1
Disconnect			REEL-1
Migration As Is			REEL-1
Change			REEL-1
Complex (Dedicated Transport)			
DS0 and Fractional T-1			
New			REEL-2
Disconnect			REEL-2
Migration As Is			REEL-2
Change			REEL-2
DS1 or Higher			
New			REEL-3
Disconnect			REEL-3
Migration As Is			REEL-3
Change			REEL-3
Multiplexing			
DS3 to DS1			REEL-3

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Summary - Dark Fiber

Description	Per Order		
	CO Work	Field Installation	Destination
	A=DFC	B=DFC	
Unbundled Network Elements (UNEs)			
Advanced/Special Products			
Dark Fiber			
Preordering			
Exchange Facilities	5		RUDF
Inter-office Facilities			RUDF
UNE Inter-office Dedicated Transport			
New			RUDF
Disconnect			RUDF
Unbundled Loop			
New			RUDF
Disconnect			RUDF
Subloop Feeder			
New			RUDF
Disconnect			RUDF
Subloop Distribution			
New			RUDF
Disconnect			RUDF

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Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - Unbundled Loop and Port

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
Unbundled Network Elements (UNEs)											
Exchange Products											
Unbundled Loop											
Basic											
New	5										FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1
Complex Non-digital											
New											FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1
Complex Digital											
New											FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - Unbundled Loop and Port

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*1	
Unbundled Network Elements (UNEs)											
Exchange Products											
Unbundled Port											
Basic											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change CO Connection											FWS-2
Complex Non-digital											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change Switch Feature Group											FWS-2
Change CO Connection											FWS-2
Complex Digital											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change Switch Feature Group											FWS-2
Change CO Connection											FWS-2
Interim Number Portability											
New											FWS-3
Disconnect											FWS-3
Change											FWS-3

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - Unbundled Loop and Port

Description	Initial					Additional					nation
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
Unbundled Network Elements (UNEs)											
Advanced/Special Products											
Unbundled Loop											
Basic											
New											FWS-3
Disconnect											FWS-3
Change CO Connection											FWS-3
Complex Digital											
New											FWS-3
Disconnect					5						FWS-3
Change CO Connection											FWS-3
Unbundled Port											
Complex											
New											FWS-3
Disconnect											FWS-3
Change CO Connection											FWS-3

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - UNE-Ps

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
UNE - Platforms (UNE-Ps)											
Exchange Products											
Basic											
Migration As Is +/-											FWS-4
Change Line Feature											FWS-4
Complex Non-digital											
Migration As Specified											FWS-4
Change Line Feature											FWS-4
Change Switch Feature Group											FWS-4
Complex Digital											
Migration As Specified											FWS-4
Change Line Feature											FWS-4
Change Switch Feature Group											FWS-4
Advanced/Special Products											
Complex											
Migration As Specified											FWS-4
Change											FWS-4

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Exchange and Advanced/Special products						
Network Interface Device (NID)						
New						FWS-9
Coordinated Conversion						
Exchange Products						
Process 1						
Standard Interval						FWS-9
Process 2						
Standard Interval						FWS-9
Additional Interval						FWS-9
Process 3						
Standard Interval						FWS-9
Additional Interval						FWS-9
Advanced/Special Products						
Process 1						
Standard Interval						FWS-9
Process 2						
Standard Interval						FWS-9
Additional Interval						FWS-9
Process 3						
Standard Interval						FWS-9
Additional Interval						FWS-9

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Hot Cut Coordinated Conversion						
Exchange Products						
Process 1						
Standard Interval						FWS-10
Process 2						
Standard Interval						FWS-10
Additional Interval						FWS-10
Process 3						
Standard Interval						FWS-10
Additional Interval						FWS-10
Advanced/Special Products			5			
Process 1						
Standard Interval						FWS-10
Process 2						
Standard Interval						FWS-10
Additional Interval						FWS-10
Process 3						
Standard Interval						FWS-10
Additional Interval						FWS-10

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Exchange and Advanced/Special Products						
Expedites						
Exchange Products						FWS-11
Advanced/Special Products						FWS-11
Preordering						FWS-11
Record Order						FWS-11
Customer Service Record Search						FWS-11
CLEC Account Establishment			5			FWS-11
No Access Customer Will Advise						FWS-11
Network Wholesale Services						
Expedites						
Trunk Ports						FWS-11
Entrance Facilities/Dedicated Transport						FWS-11
Record Order						FWS-11

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - Dedicated Transport

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-15	B=AINS-15	C=A*B	D=AINS-15	E=C*D	
Network Wholesale Services						
Inter-office Dedicated Transport						
DS0 and Fractional T-1						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
DS1 or Higher						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
CLEC Dedicated Transport			5			
DS0 and Fractional T-1						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
DS1 or Higher						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Central Office Calculation - Signaling System Seven (SS7)

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-16	B=AINS-16	C=A*B	D=AINS-16	E=C*D	
Signaling System Seven (SS7)						
Trunk Ports						
Facilities and Trunk						
New						FWS-13
Disconnect						FWS-13
Change w/Engineering Review						FWS-13
Change w/out Engineering Review						FWS-13
Trunk Only						
New			5			FWS-13
Disconnect						FWS-13
Change w/Engineering Review						FWS-13
Change w/out Engineering Review						FWS-13
STP Ports (SS7 Links)						
New						FWS-13
Disconnect						FWS-13

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - Unbundled Loop and Port

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
Unbundled Network Elements (UNEs)											
Exchange Products											
Unbundled Loop											
Basic											
New	5										FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1
Complex Non-digital											
New											FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1
Complex Digital											
New											FWS-1
Disconnect											FWS-1
Change CO Connection											FWS-1

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - Unbundled Loop and Port

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
Unbundled Network Elements (UNEs)											
Exchange Products											
Unbundled Port											
Basic											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change CO Connection											FWS-2
Complex Non-digital											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change Switch Feature Group											FWS-2
Change CO Connection											FWS-2
Complex Digital											
New											FWS-2
Disconnect											FWS-2
Change Port Feature											FWS-2
Change Switch Feature Group											FWS-2
Change CO Connection											FWS-2
Interim Number Portability											
New											FWS-3
Disconnect											FWS-3
Change											FWS-3

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - Unbundled Loop and Port

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
Unbundled Network Elements (UNEs)											
Advanced/Special Products											
Unbundled Loop											
Basic											
New											FWS-3
Disconnect											FWS-3
Change CO Connection											FWS-3
Complex Digital											
New											FWS-3
Disconnect					5						FWS-3
Change CO Connection											FWS-3
Unbundled Port											
Complex											
New											FWS-3
Disconnect											FWS-3
Change CO Connection											FWS-3

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - UNE-Ps

Description	Initial					Additional					Destination
	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	Minutes per Line/Ckt.	Probability of Occurrence	Minutes per Line/Ckt.	LLR per Minute	Total Cost	
	A=AINS-1..4	B=AINS-1..4	C=A*B	D=AINS-1..4	E=C*D	F=AINS-1..4	G=AINS-1..4	H=F*G	I=AINS-1..4	J=H*I	
UNE - Platforms (UNE-Ps)											
Exchange Products											
Basic											
Migration As Is +/-											FWS-4
Change Line Feature											FWS-4
Complex Non-digital											
Migration As Specified											FWS-4
Change Line Feature											FWS-4
Change Switch Feature											FWS-4
Complex Digital											
Migration As Specified											FWS-4
Change Line Feature											FWS-4
Change Switch Feature											FWS-4
Advanced/Special Products											
Complex											
Migration As Specified											FWS-4
Change											FWS-4

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Exchange and Advanced/Special Products						
Network Interface Device (NID)						
New						FWS-9
Coordinated Conversion						
Exchange Products						
Process 1						
Additional Interval						FWS-9
Process 2						
Standard Interval						FWS-9
Additional Interval						FWS-9
Process 3						
Standard Interval						FWS-9
Additional Interval						FWS-9
Advanced/Special Products						
Process 1						
Standard Interval						FWS-9
Process 2						
Standard Interval						FWS-9
Additional Interval						FWS-9
Process 3						
Standard Interval						FWS-9
Additional Interval						FWS-9

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Exchange and Advanced/Special Products						
Hot Cut Coordinated Conversion						
Exchange Products						
Process 1						
Standard Interval						FWS-10
Process 2						
Standard Interval						FWS-10
Additional Interval						FWS-10
Process 3						
Standard Interval						FWS-10
Additional Interval						FWS-10
Advanced/Special Products			5			
Process 1						
Standard Interval						FWS-10
Process 2						
Standard Interval						FWS-10
Additional Interval						FWS-10
Process 3						
Standard Interval						FWS-10
Additional Interval						FWS-10

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - NID, Coordinated Conversions & Expedites

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-12..14	B=AINS-12..14	C=A*B	D=AINS-12..14	E=C*D	
Exchange and Advanced/Special Products						
Expedites						
Exchange Products						FWS-11
Advanced/Special Products						FWS-11
Preordering						FWS-11
Record Order						FWS-11
Customer Service Record Search						FWS-11
CLEC Account Establishment			5			FWS-11
No Access Customer Will Advise						FWS-11
Network Wholesale Services						
Expedites						
Trunk Ports						FWS-11
Entrance Facilities/Dedicated Transport						FWS-11
Record Order						FWS-11

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - Dedicated Transport

Description	Minutes per Order	Probability of Occurrence	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-15	B=AINS-15	C =A*B	D=AINS-15	E =C*D	
Network Wholesale Services						
Inter-office Dedicated Transport						
DS0 and Fractional T-1						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
DS1 or Higher						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
CLEC Dedicated Transport			5			
DS0 and Fractional T-1						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12
DS1 or Higher						
New						FWS-12
Disconnect						FWS-12
Change						FWS-12

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Installation Calculation - Signaling System Seven (SS7)

Description	Minutes per Order	Probability of	Minutes per Order	LLR per Minute	Total Cost	Destination
	A=AINS-16	B=AINS-16	C=A*B	D=AINS-16	E=C*D	
Signaling System Seven (SS7)						
Trunk Ports						
Facilities and Trunk						
New						FWS-13
Disconnect						FWS-13
Change w/Engineering Review						FWS-13
Change w/out Engineering Review						FWS-13
Trunk Only						
New			5			FWS-13
Disconnect						FWS-13
Change w/Engineering Review						FWS-13
Change w/out Engineering Review						FWS-13
STP Ports (SS7 Links)						
New						FWS-13
Disconnect						FWS-13

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Subloop

Ln	Description	Source	Central Office: Minutes per Initial Line/Ckt	Central Office: Probability of Occurrence	Central Office: LLR per Minute	Central Office: Total CO Cost	Field Installation: Minutes per Line/Ckt	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Field Installation: Total Field Cost	Destination
			A=AINS-5, 6	B=AINS-5, 6	C=AINS-5, 6	D=A*B*C	E=AINS-5, 6	F=AINS-5, 6	G=AINS-5, 6	H=E*F*G	
	Unbundled Network Elements (UNEs)										
	Exchange Products										
	Subloop										
	FDI - Feeder Connection										
	Initial Line										
	New										
1	Central Office										
2	Cross Box										
3	**Total**	Ln 1+Ln 2									FWS-5
	Disconnect										
4	Central Office										
5	Cross Box										
6	**Total**	Ln 4+Ln 5									FWS-5
7	**Change Facility Connection**										FWS-5

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Subloop

Ln	Description	Source	Central Office				Field Installation				Destination
			Minutes per Initial Line/Ckt	Probability of Occurrence	LLR per Minute	Total CO Cost	Minutes per Line/Ckt	Probability of Occurrence	LLR per Minute	Total Field Cost	
			A=AINS-5, 6	B=AINS-5, 6	C=AINS-5, 6	D=A*B*C	E=AINS-5, 6	F=AINS-5, 6	G=AINS-5, 6	H=E*F*G	
	Unbundled Network Elements (UNEs)										
	Exchange Products										
	Subloop										
	FDI - Feeder Connection										
	Additional Line										
	New										
8	Central Office										
9	Cross Box										
10	**Total**	Ln 8+Ln 9									FWS-5
	Disconnect										
11	Central Office										
12	Cross Box										
13	**Total**	Ln 11+Ln 12									FWS-5
14	**Change Facility Connection**										FWS-5

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Subloop

Ln	Description	Source	Central Office: Minutes per Initial Line/Ckt	Central Office: Probability of Occurrence	Central Office: LLR per Minute	Central Office: Total CO Cost	Field Installation: Minutes per Line/Ckt	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Field Installation: Total Field Cost	Destination
			A=AINS-5, 6	B=AINS-5, 6	C=AINS-5, 6	D=A*B*C	E=AINS-5, 6	F=AINS-5, 6	G=AINS-5, 6	H=E*F*G	
	Unbundled Network Elements (UNEs)										
	Exchange Products										
	Subloop										
	FDI - Distribution Connection										
	Initial Line										
	New										
15	Cross Box										
16	Customer Location										
17	**Total**	Ln 15+Ln 16									FWS-5
	Disconnect										
18	Cross Box										
19	Customer Location										
20	**Total**	Ln 18+Ln 19									FWS-5
21	**Change Facility Connection**										FWS-5
	Serving Terminal Connection										
	Customer Location										
22	New										FWS-5
23	Disconnect										FWS-5
24	Change Facility Connection										FWS-5

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Subloop

Ln	Description	Source	Central Office: Minutes per Initial Line/Ckt	Central Office: Probability of Occurrence	Central Office: LLR per Minute	Central Office: Total CO Cost	Field Installation: Minutes per Line/Ckt	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Field Installation: Total Field Cost	Destination
			A=AINS-5, 6	B=AINS-5, 6	C=AINS-5, 6	D=A*B*C	E=AINS-5, 6	F=AINS-5, 6	G=AINS-5, 6	H=E*F*G	
	Unbundled Network Elements (UNEs)										
	Exchange Products										
	Subloop										
	FDI - Distribution Connection										
	Additional Line										
	New										
25	Cross Box										
26	Customer Location										
27	**Total**	Ln 25+Ln 26									FWS-5
	Disconnect										
28	Cross Box										
29	Customer Location										
30	**Total**	Ln 28+Ln 29									FWS-5
31	**Change Facility Connection**										FWS-5
	Serving Terminal Connection										
	Customer Location										
32	New										FWS-5
33	Disconnect										FWS-5
34	Change Facility Connection										FWS-5

5

Verizon - Florida
Wholesale Non-recurring Study
Line Sharing
Central Office - Jumper Summary

Ln	Description	Source	Number of Jumper Run/Break	Probability of Occurrence	Jumper Minutes per Ln/Ckt	Loaded Labor Rate	C.O. Jumper Wire 25' Increment	Cost	Destination
			A=AINS-7, 8	B=AINS-7, 8	C=AINS-7, 8	D=AINS-7, 8	E=AINS-7, 8	F=A*B*C*D*E	
	Unbundled Network Element								
	Line Sharing								
	Initial Line								
	CLEC CO Splitter Connection								
	Install								
1	Break								
2	Run								
3	Run Jumpers - 25 feet								
4	**Total**								
5	**Change CO Connection**								
	Disconnect								
6	Break								
7	Run								
8	Run Jumper - 25 feet								
9	**Total**								

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Line Sharing
Central Office - Jumper Summary

Ln	Description	Source	Number of Jumper Run/Break	Probability of Occurrence	Jumper Minutes per Ln/Ckt	Loaded Labor Rate	C.O. Jumper Wire 25' Increment	Cost	Destination
			A=AINS-7, 8	B=AINS-7, 8	C=AINS-7, 8	D=AINS-7, 8	E=AINS-7, 8	F=A*B*C*D*E	
	Unbundled Network Element								
	Line Sharing								
	Additional Line								
	CLEC CO Splitter Connection								
	Install								
10	Break								
11	Run								
12	Run Jumpers - 25 feet								
13	**Total**								
14	**Change CO Connection**								
	Disconnect								
15	Break								
16	Run								
17	Run Jumper - 25 feet								
18	**Total**								

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Bridged Tap, Load Coil & Engineering

Ln	Description	Source	CO Work	Field Installation: Minutes per Occurrence	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Field Installation: Total Cost	Destination
			A=AINS-9, 10	B=AINS-9, 10	C=AINS-9, 10	D=AINS-9, 10	E=A*B*C*D	
	Construction							
	Bridged Tap Removal							
	Single Bridged Tap							
	Initial Pair							
1	Aerial and Buried Cable							
2	Underground Cable							
3	Total	Ln 1+Ln 2						FWS-7
	Additional Pair							
4	Aerial and Buried Cable							
5	Underground Cable							
6	Total	Ln 4+Ln 5						FWS-7
	Multiple Bridged Taps							
	Initial Pair							
7	Aerial and Buried Cable							
8	Underground Cable							
9	Total	Ln 7+Ln 8						FWS-7
	Additional Pair							
10	Aerial and Buried Cable							
11	Underground Cable							
12	Total	Ln 10+Ln 11						FWS-7

4

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Bridged Tap, Load Coil & Engineering

Ln	Description	Source	CO Work	Field Installation: Minutes per Occurrence	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Field Installation: Total Cost	Destination
			A=AINS-9, 10	B=AINS-9, 10	C=AINS-9, 10	D=AINS-9, 10	E=A*B*C*D	
	Construction							
	Load Coil Removal							
	Initial Pair							
	Aerial and Buried Cable							
13	Less than 18K feet							
14	21K feet							
15	27K feet							
	Underground Cable							
16	Less than 18K feet							
17	21K feet							
18	27K feet							
19	Total	Sum Lns (13..18)						FWS-7
	Additional Pair							
	Aerial and Buried Cable							
20	Less than 18K feet							
21	21K feet							
22	27K feet							
	Underground Cable							
23	Less than 18K feet							
24	21K feet							
25	27K feet							
26	Total	Sum Lns (20..25)						FWS-7
	Engineering							FWS-7

4

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Line and Station Transfer

Description	Source	Field Installation				Destination
		Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Total Cost	
		B=AINS-11	C=AINS-11	D=AINS-11	E=A*B*C*D	
Line and Station Transfer						
Initial Line						
Vacant Transfer						FWS-8
In-Use Transfer						FWS-8
Additional Line						
Vacant Transfer						FWS-8
In-Use Transfer						FWS-8
Engineering						FWS-8

5

Note 1: Engineering for Line and Station Transfer only applies to the Initial line request.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Line and Station Transfer

Ln	Description	Source	CO Work					Destination
			Jumper Cost	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Total Cost	
			A=AINS-11	B=AINS-11	C=AINS-11	D=AINS-11	E=A*B*C*D	
	Line and Station Transfer							
	Initial Line							
1	Vacant Transfer							
2	Jumper							
3	Total	Ln 1+Ln 2						FWS-8
4	In-Use Transfer							
5	Jumper							
6	Total	Ln 4+Ln 5						FWS-8
	Additional Line							
7	Vacant Transfer							
8	Jumper							
9	Total	Ln 7+Ln 8						FWS-8
10	In-Use Transfer							
11	Jumper							
12	Total	Ln 10+Ln 11						FWS-8

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Calculations - Dark Fiber

Ln	Description	Source	Central Office: Minutes per Line/Ckt.	Central Office: Probability of Occurrence	Central Office: Loaded Labor Rate	Central Office: CO Total	Field Installation: Minutes per Line/Ckt.	Field Installation: Probability of Occurrence	Field Installation: Loaded Labor Rate	Field Installation: Field Total	Destination
			A=AINS-17	B=AINS-17	C=AINS-17	D=A*B*C	E=AINS-17	F=AINS-17	G=AINS-17	H=E*F*G	
	Unbundled Network Elements (UNEs)										
	Advanced/Special Products										
	Dark Fiber										
	Initial Line										
1	**Preordering**										FWS-15
	UNE Inter-office Dedicated Transport										
2	Host Central Office										
3	Remote Central Office										
4	**Total**	Ln 2+Ln 3									FWS-15
	Unbundled Loop										
5	Central Office										
6	Customer Location										
7	**Total**	Ln 5+Ln 6									FWS-15
	Subloop Feeder										
8	Central Office										
9	Cross Box										
10	**Total**	Ln 8+Ln 9									FWS-15
	Subloop Distribution										
11	Cross Box										
12	Customer Location										
13	Total	Ln 11+Ln 12									FWS-15

5

Verizon - Florida
Wholesale Non-recurring Study
House and Riser
Field Work - House and Riser

Ln	Description	Source	Quantity	Probability of Occurrence	Jumper Minutes per Ln/Ckt	Loaded Labor Rate	C.O. Jumper Wire 25' Increment	Cost	Destination
			A=AUHR	B=AUHR	C=AUHR	D=ALLR	E=AUHR	F=A*B*C*D*E	
	Unbundled Network Element								
	Exchange Products								
	House and Riser								
	Terminal Block Connection								
	Install								
1	Break								
2	Run								
3	Jumpers - 25 feet								
4	**Total**	Sum Lns (1..3)						5	FWS-8
	Disconnect								
5	Break								
6	Run								
7	Jumper - 25 feet								
8	**Total**	Sum Lns (5..7)							FWS-8

Wholesale Non-Recurring Study

Florida
Docket Number 990649-TP (B)
Table of Exhibits - OSS by Page

	Exhibit Name	Page
OSS Note		1
OSS Summary	OSS	2
Mechanized Loop Pre-Qualification	MLPQ	3

Wholesale Non-Recurring Study

Florida
Docket Number 990649-TP (B)
Table of Exhibits - OSS by Exhibit Name

	Exhibit Name	Page
OSS Note		1
Mechanized Loop Pre-Qualification	MLPQ	3
OSS Summary	OSS	2

Verizon - Florida
Wholesale Non-recurring Study
OSS
Summary

Description	Source	Total Cost	Order Volume	Destination
		A=Source	B=Source	
OSS				
Local Wholesale Transaction Specific Costs	ATRA	**tbd**		RFIX
Access Transaction Specific Costs	ATRA	**tbd**		RFIX
Transition Costs				
Incurred Transition Costs	TRI	**tbd**		RFIX
Capitalized OSS Transition Costs	APRT-3	**tbd**		RFIX
Wholesale IT/DP Costs	AITC	**tbd**		RFIX
Access IT/DP Costs	AITC	**tbd**		RFIX
Forecasted Order Volumes				
Wholesale - 5 Year Total	AFOR		5	RFIX
Wholesale - Annual Average	AFOR			RFIX
Access - 5 Year Total	AFOR		**tbd**	RFIX
Access - Annual Average	AFOR		**tbd**	RFIX

Verizon - Florida
Wholesale Non-recurring Study
OSS
Mechanized Loop Pre-Qualification

Ln	Description	Source	Incurred Costs	Number of Units	Number of Units (Cumulative)	Percentage of Total Lines	Destination
			A=Source	B=Source	C=Sum Col B	D=B/Total Col B	
	Mechanized Loop Pre-Qualification						
	2000 Incurred Transition Costs						
1	Phase I	Note 1					
2	Phase II	Note 1					
3	**Total**	Sum Lns 1..2					RFIX
	Forcasted Order Volumes						
	Year						
4	2001	Note 2					
5	2002	Note 2					
6	2003	Note 2					
7	**Total**	Sum Lns 4..6					RFIX

5

Note 1: Information provided by Verizon Data Services.
Note 2: Information provided by Verizon Product Management.

6- CUST. ROUTING

Custom Routing of Operator and Directory Assistance Service

Verizon offers Custom Routing of Operator and Directory Assistance Service on a bona fide request basis.

verizon

Service Costs

Florida

Wholesale UNE
Non-recurring Study
Model 4.3

Docket No. 990649-TP (B)
Order No. PSC-00-1486-PCO-TP

Non-Proprietary

Book
2 of 2

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A1- ORDERING

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Appendix Exhibits - Ordering by Page

	Exhibit Name	Page
Appendix Summary	AOIS	A1-1
Weighted Loaded Labor Rates Calculation	AOLR	A1-22
Manual Order Processing - Work Sampling Summary	AMON	A1-23
Manual Order Editing - Work Sampling Summary	AMOE	A1-25
Off-line Processing - Minutes per Order Calculation	AOLC	A1-27
Off-line Processing - Work Sampling Summary	AOLS	A1-28
Manual Data Gathering Form Processing - Work Sampling Summary	ADGF	A1-30
Unbundled Network Elements Order Processing - Minutes per Order	AUES	A1-31
Unbundled Loop Order Processing - Work Sampling Results	AULS	A1-34
Other Ordering Activities - Work Sampling Summary	AOAS	A1-36
Network Interface Device Order Processing - Min./Order	ANIO	A1-37
Sub-Loop Unbundling Order Processing - Minutes per Order	ASLU	A1-38
Line Sharing Order Processing - Minutes per Order	ALSO	A1-39
Loop Conditioning Order Processing - Minutes per Order	ALCO	A1-40
Dark Fiber Order Processing - Minutes per Order	ADFO	A1-41
UNE-Platforms (UNE-Ps) Order Processing - Minutes per Order	AUNP	A1-42
Other Elements	AECC	A1-44
Network Wholesale Elements Minute per Order Calculations - SS7	AAOC	A1-47
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)	AIDC	A1-51
Network Wholesale Elements - Record Order Minutes per Order	AARD	A1-55
Network Wholesale Elements - Order Entry Time per Order -Trunk Ports	AAEP	A1-56
Network Wholesale Elements - Order Entry Time per Order - IDT/CDT	AAEE	A1-57
Network Wholesale Elements - Quality Check Time per Order - Trunk Ports	AAQP	A1-58
Network Wholesale Elements - Quality Check Time per Order - IDT/CDT	AAQE	A1-59

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Appendix Exhibits - Ordering by Page

	Exhibit Name	Page
Network Wholesale Elements - Order Entry Time Study Results	AATT	A1-60
Network Wholesale Elements - Quality Check Time Study Results	AATQ	A1-62
Network Wholesale Elements - Project Minutes per Order	AAPO	A1-63
Network Wholesale Elements - MOG Minutes per Order	AAMO	A1-64
Network Wholesale Elements - Escalation and Unguided Usage Minutes per Order	AAEU	A1-65
Network Wholesale Elements - Additional Time per Manual Order	AAME	A1-66
Network Wholesale Elements - Trunk Only vs Faciltiies and Trunk Relationship	AATF	A1-67
Network Wholesale Elements - Trunk Port Orders	AAPV	A1-68
Network Wholesale Elements - Entrance Facilities Orders	AAEF	A1-70
NMC Shared/Fixed Costs	ASFC	A1-72
Capital Cost Factors	ACCF	A1-73
NMC Exchange Basic Order Work Sampling Summary	AEBD	A1-74
NMC Subject Matter Expert Work Time Development - Exchange Complex	AECD	A1-76
NMC Subject Matter Expert Work Time Development - Advanced/Special Complex	AACD	A1-77

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Appendix Exhibits - Ordering by Exhibit Name

	Exhibit Name	Page
NMC Subject Matter Expert Work Time Development - Advanced/Special Complex	AACD	A1-77
Network Wholesale Elements - Order Entry Time per Order - IDT/CDT	AAEE	A1-57
Network Wholesale Elements - Entrance Facilities Orders	AAEF	A1-70
Network Wholesale Elements - Order Entry Time per Order -Trunk Ports	AAEP	A1-56
Network Wholesale Elements - Escalation and Unguided Usage Minutes per Order	AAEU	A1-65
Network Wholesale Elements - Additional Time per Manual Order	AAME	A1-66
Network Wholesale Elements - MOG Minutes per Order	AAMO	A1-64
Network Wholesale Elements Minute per Order Calculations - SS7	AAOC	A1-47
Network Wholesale Elements - Project Minutes per Order	AAPO	A1-63
Network Wholesale Elements - Trunk Port Orders	AAPV	A1-68
Network Wholesale Elements - Quality Check Time per Order - IDT/CDT	AAQE	A1-59
Network Wholesale Elements - Quality Check Time per Order - Trunk Ports	AAQP	A1-58
Network Wholesale Elements - Record Order Minutes per Order	AARD	A1-55
Network Wholesale Elements - Trunk Only vs Faciltiies and Trunk Relationship	AATF	A1-67
Network Wholesale Elements - Quality Check Time Study Results	AATQ	A1-62
Network Wholesale Elements - Order Entry Time Study Results	AATT	A1-60
Capital Cost Factors	ACCF	A1-73
Dark Fiber Order Processing - Minutes per Order	ADFO	A1-41
Manual Data Gathering Form Processing - Work Sampling Summary	ADGF	A1-30
NMC Exchange Basic Order Work Sampling Summary	AEBD	A1-74

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Appendix Exhibits - Ordering by Exhibit Name

	Exhibit Name	Page
Other Elements	AECC	A1-44
NMC Subject Matter Expert Work Time Development - Exchange Complex	AECD	A1-76
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)	AIDC	A1-52
Loop Conditioning Order Processing - Minutes per Order	ALCO	A1-40
Line Sharing Order Processing - Minutes per Order	ALSO	A1-39
Manual Order Editing - Work Sampling Summary	AMOE	A1-25
Manual Order Processing - Work Sampling Summary	AMON	A1-23
Network Interface Device Order Processing - Min./Order	ANIO	A1-37
Other Ordering Activities - Work Sampling Summary	AOAS	A1-36
Appendix Summary	AOIS	A1-1
Off-line Processing - Minutes per Order Calculation	AOLC	A1-27
Weighted Loaded Labor Rates Calculation	AOLR	A1-22
Off-line Processing - Work Sampling Summary	AOLS	A1-28
Sub-Loop Unbundling Order Processing - Minutes per Order	ASLU	A1-38
NMC Shared/Fixed Costs	ASFC	A1-72
Unbundled Network Elements Order Processing - Minutes per Order	AUES	A1-31
Unbundled Loop Order Processing - Work Sampling Results	AULS	A1-34
UNE-Platforms (UNE-Ps) Order Processing - Minutes per Order	AUNP	A1-42

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Manual Order Processing						ORD-1..30
Manual LSR Receipt	AMON-1					ORD-1..30
Manual LSR Order Entry						
New	AMON-1					ORD-1..27
Disconnect	AMON-1					ORD-1..20
Migration (As Is, As Is +/- and As Specified)	AMON-2					ORD-21..26
Change	AMON-2					ORD-1..26
Record	AMON-2					ORD-30
Manual Order Editing						ORD-1..27
New	AMOE-1					ORD-1..20
Disconnect	AMOE-1					ORD-1..20
Migration (As Is, As Is +/- and As Specified)	AMOE-1					ORD-21..26
Change	AMOE-2					ORD-1..26
Record	AMOE-2					ORD-30
Manual Data Gathering Form (DGF) Entry	ADGF					ORD-6..26
Off-line Processing	AOLC					ORD-1..30

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Exchange Elements						
Unbundled Loop Order Processing						
Basic						ORD-1
New	AUES-1					ORD-1
Disconnect	AUES-1					ORD-1
Change CO Connection	AUES-1					ORD-1
Complex Non-digital						ORD-2
New	AUES-1					ORD-2
Disconnect	AUES-1					ORD-2
Change CO Connection	AUES-1					ORD-2
Complex Digital						ORD-3
New	AUES-1					ORD-3
Disconnect	AUES-1					ORD-3
Change CO Connection	AUES-1					ORD-3

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Exchange Elements						ORD-4..11
Unbundled Port Order Processing						
Basic						
New	AUES-2					ORD-4
Disconnect	AUES-2					ORD-4
Change Port Feature	AUES-2					ORD-5
Change CO Connection	AUES-2					ORD-5
Complex Non-digital						
New	AUES-2					ORD-6
Disconnect	AUES-2					ORD-6
Change Port Feature	AUES-2					ORD-7
Change Switch Feature Group	AUES-2					ORD-7
Change CO Connection	AUES-2					ORD-8
Complex Digital						
New	AUES-2					ORD-9
Disconnect	AUES-2					ORD-9
Change Port Feature	AUES-2					ORD-10
Change Switch Feature Group	AUES-2					ORD-10
Change CO Connection	AUES-2					ORD-11

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Advanced/Special Elements						
Unbundled Loop Order Processing						ORD-18..20
Basic						
New	AUES-3					ORD-18
Disconnect	AUES-3					ORD-18
Change CO Connection	AUES-3					ORD-18
Complex						
New	AUES-3					ORD-19
Disconnect	AUES-3					ORD-19
Change CO Connection	AUES-3					ORD-19
Unbundled Port Order Processing						
Complex						
New	AUES-3					ORD-20
Disconnect	AUES-3					ORD-20
Change CO Connection	AUES-3					ORD-20

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Interim Number Portability Order Processing						ORD-12
New	ANIO					ORD-12
Disconnect	ANIO					ORD-12
Change	ANIO					ORD-12
Subloop Unbundling Order Processing						ORD-13..15
FDI - Feeder Connection						
New	ASLU					ORD-13
Disconnect	ASLU					ORD-13
Change Facililty Connection	ASLU					ORD-13
FDI - Distribution Connection						
New	ASLU					ORD-14
Disconnect	ASLU					ORD-14
Change Facililty Connection	ASLU					ORD-14
Serving Terminal Connection						
New	ASLU					ORD-15
Disconnect	ASLU					ORD-15
Change Facililty Connection	ASLU					ORD-15

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Line Sharing Order Processing						
CLEC CO Splitter						
New						
Disconnect						
Change CO Connection						
Loop Conditioning Order Processing						ORD-17
Bridged Tap Removal						
One Occurrence	ALCO					ORD-17
Multiple Occurrences	ALCO					ORD-17
Load Coil Removal						
Load Coil Removal Only	ALCO					ORD-17
Combinations						
Bridged Tap (One) and Load Coil Removal	ALCO					ORD-17
Bridged Tap (Multiple) and Load Coil Removal	ALCO					ORD-17

Not Included in this Filing

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
UNE-Platforms (UNE-Ps) Order Processing						
Exchange Elements						ORD-21..25
Basic						
Migration As Is +/-	AUNP-1					ORD-21
Change Line Feature	AUNP-1					ORD-21
Complex Non-digital						
Migration As Specified	AUNP-1					ORD-22
Change Line Feature	AUNP-1		5			ORD-22
Change Switch Feature Group	AUNP-1					ORD-23
Complex Digital						
Migration As Specified	AUNP-1					ORD-24
Change Line Feature	AUNP-1					ORD-24
Change Switch Feature Group	AUNP-1					ORD-25

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
UNE-Platforms (UNE-Ps) Order Processing						
Advanced/Special Elements						ORD-26
Complex						
Migration As Specified	AUNP-2					ORD-26
Change	AUNP-2					ORD-26
Record Order (All UNE-P's)	AUNP-2					ORD-26

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Exchange and Advanced/Special Elements						
Network Interface Device (NID) Order Processing	ANIO					ORD-27
Coordinated Conversion						ORD-28
Exchange Elements						
Process 1						
Standard Interval	AECC-1					ORD-28
Process 2						
Standard Interval	AECC-1					ORD-28
Additional Interval	AECC-1					ORD-28
Process 3						
Standard Interval	AECC-1					ORD-28
Additional Interval	AECC-1					ORD-28
Advanced/Special Elements						
Process 1						
Standard Interval	AECC-1					ORD-28
Process 2						
Standard Interval	AECC-1					ORD-28
Additional Interval	AECC-1					ORD-28
Process 3						
Standard Interval	AECC-1					ORD-28
Additional Interval	AECC-1					ORD-28

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Exchange and Advanced/Special Elements						
Hot Cut Coordinated Conversion						ORD-29
Exchange Elements						
Process 1						
Standard Interval	AECC-2					ORD-29
Process 2						
Standard Interval	AECC-2					ORD-29
Additional Interval	AECC-2					ORD-29
Process 3						
Standard Interval	AECC-2					ORD-29
Additional Interval	AECC-2					ORD-29
Advanced/Special Elements						
Process 1						
Standard Interval	AECC-2					ORD-29
Process 2						
Standard Interval	AECC-2					ORD-29
Additional Interval	AECC-2					ORD-29
Process 3						
Standard Interval	AECC-2					ORD-29
Additional Interval	AECC-2					ORD-29

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Exchange and Advanced/Special Elements						
Expedites						ORD-30
Exchange Elements	AECC-3					ORD-30
Advanced/Special Elements	AECC-3					ORD-30
Preordering	AOAS					ORD-30
Record Order	AUES-1			5		ORD-30
Customer Service Record Search	AOAS					ORD-30
CLEC Account Establishment	AECC-3					ORD-30
No Access Customer Will Advise	AECC-3					ORD-30

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Network Wholesale Elements						
Manual Order Additional Order Entry	AAME					ORD-31..50
Signaling System Seven (SS7)						
Trunk Ports						
Facilities and Trunks; STP Ports (SS7 Links)						
New						
Production Order Entry	AAOC-1					ORD-39,43
Error Correction	AAOC-1					ORD-39,43
Jeopardies	AAOC-1					ORD-39,43
Meetpoint	AAOC-1					ORD-39,43
Projects	AAOC-1					ORD-39,43
MOG Order Entry	AAOC-1					ORD-39,43
Escalations	AAOC-1					ORD-39,43
Quality Check	AAOC-1					ORD-39,43
Unguided Usage Check	AAOC-1					ORD-39,43
Disconnect						
Production Order Entry	AAOC-1					ORD-39,43
Error Correction	AAOC-1					ORD-39,43
Jeopardies	AAOC-1					ORD-39,43
Projects	AAOC-1					ORD-39,43
MOG Order Entry	AAOC-1					ORD-39,43
Quality Check	AAOC-1					ORD-39,43
Unguided Usage Check	AAOC-1					ORD-39,43

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Signaling System Seven (SS7)						
Trunk Ports						
Facilities and Trunks						
Change w/ Engineering Review						
Production Order Entry	AAOC-2					ORD-40
Error Correction	AAOC-2					ORD-40
Jeopardies	AAOC-2					ORD-40
Projects	AAOC-2					ORD-40
MOG Order Entry	AAOC-2					ORD-40
Escalations	AAOC-2					ORD-40
Quality Check	AAOC-2					ORD-40
Unguided Usage Check	AAOC-2					ORD-40
			5			
Change w/o Engineering Review						
Production Order Entry	AAOC-2					ORD-40
Error Correction	AAOC-2					ORD-40
Jeopardies	AAOC-2					ORD-40
Projects	AAOC-2					ORD-40
MOG Order Entry	AAOC-2					ORD-40
Escalations	AAOC-2					ORD-40
Quality Check	AAOC-2					ORD-40
Unguided Usage Check	AAOC-2					ORD-40

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Signaling System Seven (SS7)						
Trunk Ports						
Trunk Only						
New						
Production Order Entry	AAOC-3					ORD-41
Error Correction	AAOC-3					ORD-41
Jeopardies	AAOC-3					ORD-41
Meetpoint	AAOC-3					ORD-41
Projects	AAOC-3					ORD-41
MOG Order Entry	AAOC-3					ORD-41
Escalations	AAOC-3					ORD-41
Quality Check	AAOC-3					ORD-41
Unguided Usage Check	AAOC-3		5			ORD-41
Disconnect						
Production Order Entry	AAOC-3					ORD-41
Error Correction	AAOC-3					ORD-41
Jeopardies	AAOC-3					ORD-41
Projects	AAOC-3					ORD-41
MOG Order Entry	AAOC-3					ORD-41
Quality Check	AAOC-3					ORD-41
Unguided Usage Check	AAOC-3					ORD-41

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Signaling System Seven (SS7)						
Trunk Ports						
Trunk Only						
Change w/ Engineering Review						
Production Order Entry	AAOC-4					ORD-42
Error Correction	AAOC-4					ORD-42
Jeopardies	AAOC-4					ORD-42
Projects	AAOC-4					ORD-42
MOG Order Entry	AAOC-4					ORD-42
Escalations	AAOC-4					ORD-42
Quality Check	AAOC-4					ORD-42
Unguided Usage Check	AAOC-4					ORD-42
Change w/o Engineering Review			5			
Production Order Entry	AAOC-4					ORD-42
Error Correction	AAOC-4					ORD-42
Jeopardies	AAOC-4					ORD-42
Projects	AAOC-4					ORD-42
MOG Order Entry	AAOC-4					ORD-42
Escalations	AAOC-4					ORD-42
Quality Check	AAOC-4					ORD-42
Unguided Usage Check	AAOC-4					ORD-42

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Network Wholesale Elements (Including EEL's)						
IDT/CDT						
DS0 and Fractional T-1						
New						
Production Order Entry	AIDC-1					ORD-31,35,44,46
Error Correction	AIDC-1					ORD-31,35,44,46
Jeopardies	AIDC-1					ORD-31,35,44,46
Meetpoint	AIDC-1					ORD-31,35
Projects	AIDC-1					ORD-31,35,44,46
MOG Order Entry	AIDC-1					ORD-31,35,44,46
Escalations	AIDC-1					ORD-31,35,44,46
Quality Check	AIDC-1			5		ORD-31,35,44,46
Disconnect						
Production Order Entry	AIDC-1					ORD-31,35,44,46,47
Error Correction	AIDC-1					ORD-31,35,44,46,47
Jeopardies	AIDC-1					ORD-31,35,44,46
Projects	AIDC-1					ORD-31,35,44,46
MOG Order Entry	AIDC-1					ORD-31,35,44,46
Quality Check	AIDC-1					ORD-31,35,44,46,47

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Network Wholesale Elements (Including EEL's)						
IDT/CDT						
DS0 and Fractional T-1						
Migration As Is (EELs)						
Production Order Entry	AIDC-2					ORD-45,47
Error Correction	AIDC-2					ORD-45,47
Jeopardies	AIDC-2					ORD-45,47
Projects	AIDC-2					ORD-45,47
MOG Order Entry	AIDC-2					ORD-45,47
Escalations	AIDC-2					ORD-45,47
Quality Check	AIDC-2					ORD-45,47
MOG Template Creation	AIDC-2					ORD-45,47
Term Liability Calculation	AIDC-2		5			ORD-45,47
Change						
Production Order Entry	AIDC-2					ORD-32,36,45,47
Error Correction	AIDC-2					ORD-32,36,45,47
Jeopardies	AIDC-2					ORD-32,36,45,47
Projects	AIDC-2					ORD-32,36,45,47
MOG Order Entry	AIDC-2					ORD-32,36,45,47
Escalations	AIDC-2					ORD-32,36,45,47
Quality Check	AIDC-2					ORD-32,36,45,47

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Network Wholesale Elements (Including EEL's)						
IDT/CDT						
DS1 and Higher						
New						
Production Order Entry	AIDC-3					ORD-33,37,48
Error Correction	AIDC-3					ORD-33,37,48
Jeopardies	AIDC-3					ORD-33,37,48
Meetpoint	AIDC-3					ORD-33,37
Projects	AIDC-3					ORD-33,37,48
MOG Order Entry	AIDC-3					ORD-33,37,48
Escalations	AIDC-3					ORD-33,37,48
Quality Check	AIDC-3		5			ORD-33,37,48
Disconnect						
Production Order Entry	AIDC-3					ORD-33,37,48,49
Error Correction	AIDC-3					ORD-33,37,48,49
Jeopardies	AIDC-3					ORD-33,37,48
Projects	AIDC-3					ORD-33,37,48
MOG Order Entry	AIDC-3					ORD-33,37,48
Quality Check	AIDC-3					ORD-33,37,48,49

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Network Wholesale Elements (Including EEL's)						
IDT/CDT						
DS1 and Higher						
Migration As Is (EELs)						
Production Order Entry	AIDC-4					ORD-49
Error Correction	AIDC-4					ORD-49
Jeopardies	AIDC-4					ORD-49
Projects	AIDC-4					ORD-49
MOG Order Entry	AIDC-4					ORD-49
Escalations	AIDC-4					ORD-49
Quality Check	AIDC-4					ORD-49
MOG Template Creation	AIDC-4					ORD-49
Term Liability Calculation	AIDC-4					ORD-49
Change						
Production Order Entry	AIDC-4					ORD-34,38,49
Error Correction	AIDC-4					ORD-34,38,49
Jeopardies	AIDC-4					ORD-34,38,49
Projects	AIDC-4					ORD-34,38,49
MOG Order Entry	AIDC-4					ORD-34,38,49
Escalations	AIDC-4					ORD-34,38,49
Quality Check	AIDC-4					ORD-34,38,49
Multiplexing	AIDC-4					ORD-49
Record Order	AIDC-4					ORD-34

5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
Unbundled Network Elements (UNEs)						
Dark Fiber						ORD-50
Preordering						
Exchange Facilities	ADFO					ORD-50
Inter-office Facilities	ADFO					ORD-50
UNE Inter-office Dedicated Transport						
New	ADFO					ORD-50
Disconnect	ADFO					ORD-50
Unbundled Loop						
New	ADFO					ORD-50
Disconnect	ADFO					ORD-50
Subloop Feeder						
New	ADFO					ORD-50
Disconnect	ADFO					ORD-50
Subloop Distribution						
New	ADFO					ORD-50
Disconnect	ADFO					ORD-50

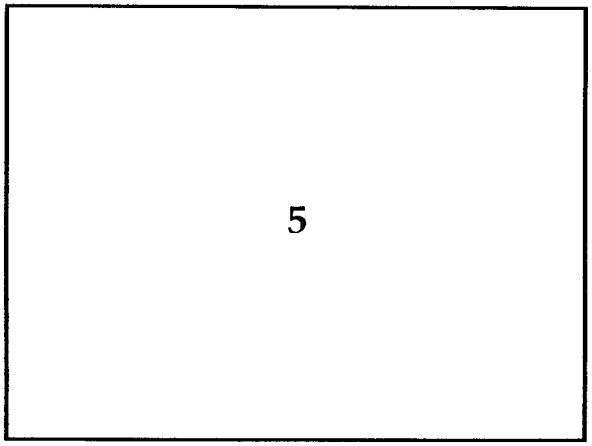
5

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Appendix Summary

Description	Source	Manual Minutes per Order	Semi-Mechanized Minutes per Order	LLR per Minute	Shared/Fixed Costs	Destination
		A=Source	B=Source	C=AOLR		
NMC Shared/Fixed Costs	ASFC				5	ORS-16

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Weighted Loaded Labor Rates Calculation

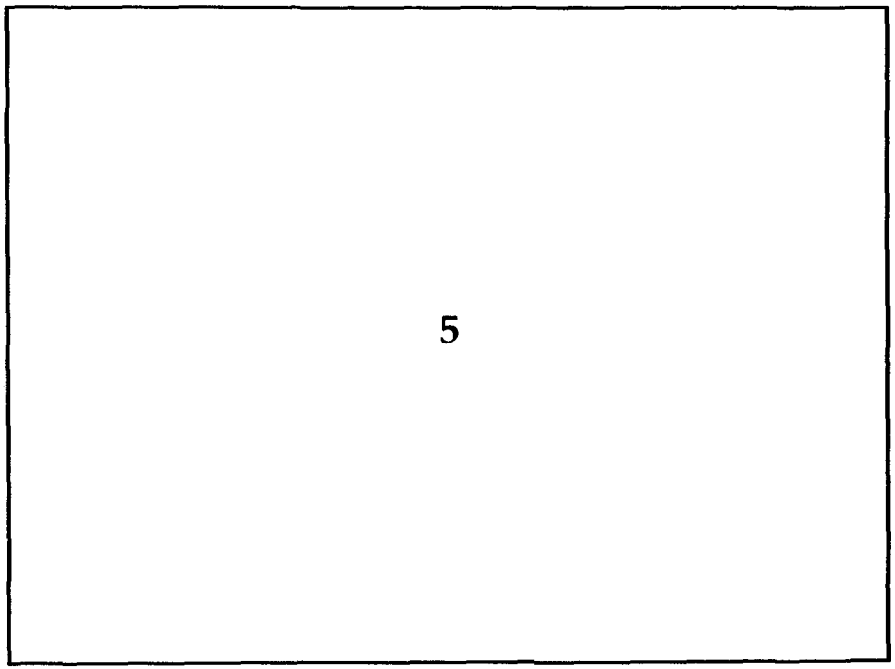
Ln	Description	Source	LLR per Minute	Number of Reps	Percent of Reps	Weighted LLR per Minute	Destination
			A=ALLR-1	B=Note 1	C=Source	D=A*C	
	NMC Personnel Weighted LLR						
1	Indiana NMC - Representative 1	B Ln 1/ B Ln 6					
2	Indiana NMC - Representative 2	B Ln 2/ B Ln 6					
3	North Carolina NMC - Representative	B Ln 3/ B Ln 6					
4	Idaho NMC - Representative 1	B Ln 4/ B Ln 6					
5	Idaho NMC - Representative 2	B Ln 5/ B Ln 6					
6	Total	Sum Lns (1..5)					AOIS-1..11
	NOREC Personnel						
7	Texas NOREC - General Clerk	Note 2					AOIS-1
	NACC Personnel						
8	North Carolina NACC - Service Consultant	Note 2					AOIS-12..20
9	North Carolina NACC - Coordinator	Note 2					AOIS-12..19
10	North Carolina NACC - Senior Administrator	Note 2					AOIS-12..19



Note 1: March, 2000 employee levels provided by Wholesale Business Analysis personnel.
Note 2: There is one job class performing this work, therefore weighting of the LLR per minute is unnecessary and the percent is 100%.

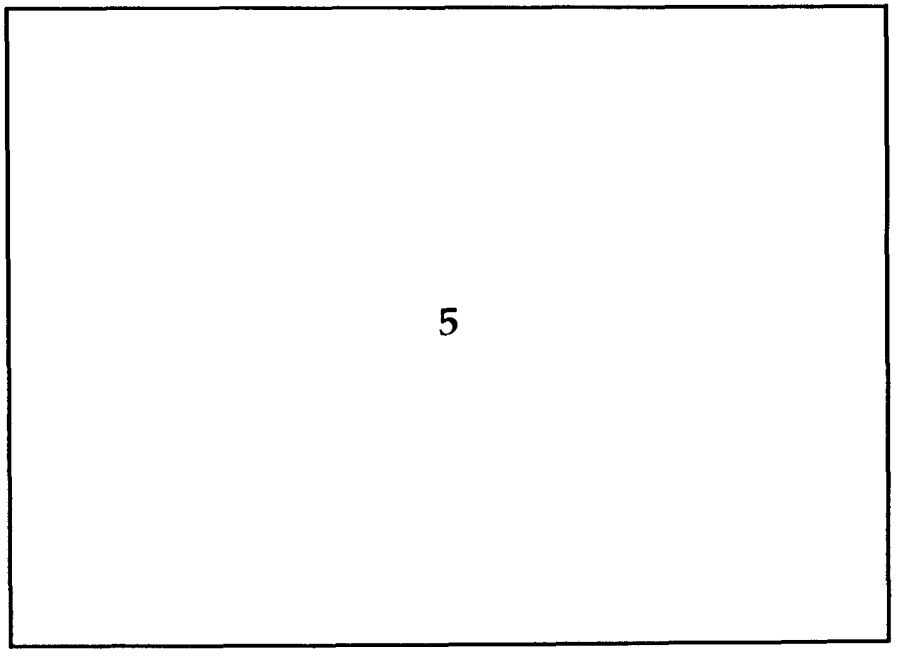
Verizon - Florida
Wholesale Non-recurring Study
Ordering - NOREC
Manual Order Processing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C31)	E=Note 1	F=D/E	
	Manual Order Processing								
	Manual LSR Receipt								
1	Enter Time of Receipt in Log								
2	Reject "Unables" to CLEC								
3	Sort and Staple LSR Pages								
4	Determine LSOG Number								
5	Manually Note NMC on LSR								
6	Enter LSR into Tracking System								
7	File Manual LSR for Processing								
8	Total	Sum Lns (1..7)							AOIS-1
	Manual LSR Order Entry								
	New								
9	Review LSR								
10	Order Entry into SIGS								
11	File Manual LSR for Editing								
12	Total	Sum Lns (9..11)							AOIS-1
	Disconnect								
13	Review LSR								
14	Order Entry into SIGS								
15	File Manual LSR for Editing								
16	Total	Sum Lns (13..15)							AOIS-1



Verizon - Florida
Wholesale Non-recurring Study
Ordering - NOREC
Manual Order Processing - Work Sampling Summary

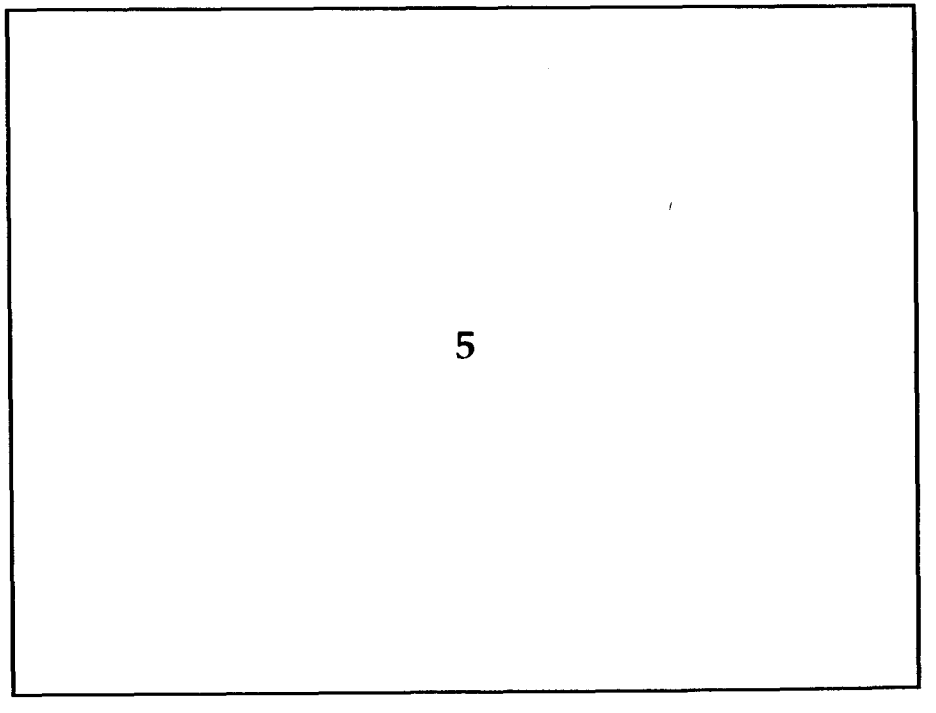
Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C31)	E=Note 1	F=D/E	
	Manual Order Processing								
	Manual LSR Order Entry								
	Migration (As Is, As Is +/-, As Specified)								
17	Review LSR								
18	Order Entry into SIGS								
19	File Manual LSR for Editing								
20	Total	Sum Lns (17..19)							AOIS-1
	Change								
21	Review LSR								
22	Order Entry into SIGS								
23	File Manual LSR for Editing								
24	Total	Sum Lns (21..23)							AOIS-1
	Record								
25	Review LSR								
26	Order Entry into SIGS								
27	File Manual LSR for Editing								
28	Total	Sum Lns (25..27)							AOIS-1
29	Total Direct Productive Time	Sum Lns (1..28)							
30	Indirect Time	Note 1							
31	Indirect Percent	Ln 30/Ln 29							



Note 1: Data obtained through Work Sampling study conducted at the NOREC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NOREC
Manual Order Editing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C29)	E=Note 1	F=D/E	
	Manual Order Editing								
	New								
1	Access Editor/Review LSR								
2	Error Correction								
3	Verify Changes								
4	FAX CLEC Changes								
5	Verify Final Steps in SIGS								
6	File LSR for Retention								
7	Total	Sum Lns (1..6)							AOIS-1
	Disconnect								
8	Access Editor/Review LSR								
9	Verify Final Steps in SIGS								
10	File LSR for Retention								
11	Total	Sum Lns (8..10)							AOIS-1
	Migration (As Is, As Is +/-, As Specified)								
12	Access Editor/Review LSR								
13	Error Correction								
14	Verify Changes								
15	FAX CLEC Changes								
16	Verify Final Steps in SIGS								
17	File LSR for Retention								
18	Total	Sum Lns (12..17)							AOIS-1



Verizon - Florida
Wholesale Non-recurring Study
Ordering - NOREC
Manual Order Editing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C29)	E=Note 1	F=D/E	
	Manual Order Editing								
	Change								
19	Access Editor/Review LSR								
20	Verify Final Steps in SIGS								
21	File LSR for Retention								
22	Total	Sum Lns (19..21)							AOIS-1
	Record								
23	Access Editor/Review LSR								
24	Verify Final Steps in SIGS								
25	File LSR for Retention								
26	Total	Sum Lns (23..25)							AOIS-1
27	Total Direct Productive Time	Sum Lns (1..26)							
28	Indirect Time	Note 1							
29	Indirect Percent	Ln 28/Ln 27							

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Note 1: Data obtained through a Work Sampling study conducted at the NOREC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering
Off-Line Processing - Minutes per Order Calculation

Ln	Description	Current Minutes per Order	Adjustment Percentage Calculation	Minutes per Order	Destination
		A=AOLS-2	B=Note 1	C=A*(1-B)	
	Off-line Processing				
1	Manual Orders	5			AOIS-1
2	Semi-Mechanized Orders				AOIS-1

Note 1: Data provided by NMC Staff Support personnel. These are the percentage of orders not worked by the off-line group.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Off-line Processing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C32)	E=Note 1	F=D/E	
	Off-line Processing								
1	Errors								
2	FAX Failed Report								
3	102 Complex Reviewed								
4	ADS/NOCV Queue-Smpl-Err								
5	ADS/NOCV Queue-Cplx-Err								
6	NSI Report (POI)								
7	E-911 Address								
8	Directory								
9	Dir Lstg Inq-Resale LMS Rev								
10	Dir Lstg Inq-Resale LMS Corr								
11	Dir Lstg Turn Back								
12	Dir Lstg Quality Check Rev								
13	Dir Lstg Quality Check Corr								
14	Completions								
15	Service Activation Report								
16	NOCV/ADS Completions								

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Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Off-line Processing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C32)	E=Note 1	F=D/E	
	Off-line Processing								
17	Projects								
18	Late Order Report								
19	State Project								
20	Miscellaneous Disconnects								
21	Subtotal Off-line Processing	Sum Lns (1..20)							
22	Manual Orders	Ln 21							AOLC-1
23	Semi-Mechanized Orders	Ln 21 - Ln 2							AOLC-1
24	Other Off-line Processing								
25	Total Off-line Productive Time	Ln 21+ Ln 24							
	Indirect Time								
26	Meetings								
27	Telephone Inquiry								
28	Job Aids								
29	Coaching								
30	Break Time								
31	Total	Sum Lns (26..30)							
32	Indirect Percent	Ln 31/Ln 25							

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Note 1: Data obtained through a Work Sampling study conducted at the NMC in Durham, NC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NOREC
Manual Data Gathering Form Processing - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C9)	E=Note 1	F=D/E	
	Unbundled Port and UNE-Platforms								
	Complex								
	Data Gathering Form								
1	Receive DGF via FAX								
2	Access Gold System								
3	Select Forms								
4	DGF Entry								
5	Note Completed DGF in Log								
6	File for Retention								
7	Total	Sum Lns (1..6)						5	AOIS-1
8	Indirect Time	Note 1							
9	Indirect Percent	Ln 8/Ln 7							

Note 1: Data obtained through a Work Sampling study conducted at the NOREC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Unbundled Network Elements Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Manual and Semi-Mech Orders: Adjustment Percent	Manual and Semi-Mech Orders: Flow Through Percent	Manual and Semi-Mech Orders: Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
Unbundled Network Elements Order Processing						
Exchange Elements						
Unbundled Loop						
Basic						
New	AULS-1	5				AOIS-2
Disconnect	AULS-1					AOIS-2
Change CO Connection	Note 3					AOIS-2
Record	AULS-1					AOIS-11
Complex Non-digital						
New	AULS-1					AOIS-2
Disconnect	AULS-1					AOIS-2
Change CO Connection	Note 3					AOIS-2
Complex Digital						
New	AULS-1					AOIS-2
Disconnect	AULS-1					AOIS-2
Change CO Connection	Note 3					AOIS-2

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Unbundled Network Elements Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Manual and Semi-Mech Orders Adjustment Percent	Flow Through Percent	Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
Unbundled Network Elements Order Processing						
Exchange Elements						
Unbundled Port						
Basic						
New	Note 3	5				AOIS-3
Disconnect	Note 3					AOIS-3
Change Port Feature	Note 3					AOIS-3
Change CO Connection	Note 3					AOIS-3
Complex Non-digital						
New	Note 3					AOIS-3
Disconnect	Note 3					AOIS-3
Change Port Feature	Note 3					AOIS-3
Change Switch Feature Group	Note 3					AOIS-3
Change CO Connection	Note 3					AOIS-3
Complex Digital						
New	Note 3					AOIS-3
Disconnect	Note 3					AOIS-3
Change Port Feature	Note 3					AOIS-3
Change Switch Feature Group	Note 3					AOIS-3
Change CO Connection	Note 3					AOIS-3

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Unbundled Network Elements Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Manual and Semi-Mech Orders Adjustment Percent	Flow Through Percent	Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
Unbundled Network Elements Order Processing						
Advanced/Special Elements						
Unbundled Loop						
Basic						
New	AULS-1					AOIS-4
Disconnect	AULS-1					AOIS-4
Change CO Connection	Note 3					AOIS-4
Complex						
New	AULS-1					AOIS-4
Disconnect	AULS-1					AOIS-4
Change CO Connection	Note 3					AOIS-4
Unbundled Port						
Complex						
New	Note 3					AOIS-4
Disconnect	Note 3					AOIS-4
Change CO Connection	Note 3					AOIS-4

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Note 1: Based on system and process changes that will be implemented in the NMC, NMC Staff Support personnel provided an efficiency gain of 15% for these order types.
Note 2: Orders will flow-through the upfront processing systems without manual intervention. Data provided by Manager - Process Efficiency OMT System Development and UAT Flow Through.
Note 3: Data provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Unbundled Loop Exchange Basic Order Processing - Work Sampling Results

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C21)	E=Note 1	F=D/E	
	Unbundled Loop Order Processing								
	Exchange								
	Basic								
	New								
1	Review LSR								
2	LSR Reject								
3	Error Correction								
4	Directory Listing/Inquiry								
5	Order Entry								
6	Local Service Confirmation								
7	Jeopardy Notification								
8	Total	Sum Lns (1..7)						5	AUES-1
	Disconnect								
9	Order Entry								
10	LSR Reject								
11	Total	Ln 9+Ln 10							AUES-1
12	Record								AUES-1
13	Total Productive Time	Sum Lns (8..12)							AULS-1

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Unbundled Loop Exchange Basic Order Processing - Work Sampling Results

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Minutes per Order	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C21)	E=Note 1	F=D/E	
	Unbundled Loop Order Processing Exchange								
	Indirect Hours								
14	Meetings								
15	Telephone Inquiry								
16	Job Aids								
17	Coaching								
18	Pending Order Inqry/Review								
19	Break Time								
20	Total	Sum Lns (14..19)							
21	Indirect Percent	B Ln 20/B Ln 13							

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Note 1: Data obtained through a Work Sampling study conducted at the NMC in Durham, NC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Other Ordering Activities - Work Sampling Summary

Ln	Description	Source	Observations	Direct Minutes	Indirect Percent	Total Minutes	Activity Volume	Manual Minutes per Activity	Semi-Mech Minutes per Activity	Destination
			A=Note 1	B=A*15	C=Source	D=B*(1+Ln C13)	E=Note 1	F=D/E	G	
1	**Preordering**									AOIS-11
2	**Customer Record Search**									AOIS-11
3	Basic Exchange Order Work									
4	Total Productive Time	Sum Lns (1..3)								
	Indirect Productive Hours									
5	Meetings									
6	Telephone Inquiry									
7	Job Aids									
8	Coaching									
9	Table/Memo/Form									
10	NOCV/ADS Queues									
11	Break Time									
12	Total	Sum Lns (5..11)								
13	Indirect Percent	Ln 12/Ln 4								

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Note 1: Data obtained through a Work Sampling study conducted at the NMC in Durham, NC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Interim Number Portability and Network Interface Device Order Processing - Minutes per Order

Description	Current Minutes per Order	Manual and Semi-Mech Orders Adjustment Percent	Flow Through Percent	Minutes per Order	Destination
	A=Note 1	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
Unbundled Network Elements (UNEs)					
Interim Number Portability Order Processing					
New	5				AOIS-5
Disconnect					AOIS-5
Change					AOIS-5
Network Interface Device (NID) Order Processing					AOIS-9

Note 1: Data provided by NMC Staff Support personnel.
Note 2: Orders will flow-through the upfront processing systems without manual intervention. Data provided by Manager - Process Efficiency OMT System Development and UAT Flow Through.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Sub-Loop Unbundling Order Processing - Minutes per Order

Description	Manual and Semi-Mechanized Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs)		
Subloop Unbundling Order Processing		
FDI - Feeder Connection		
New	5	AOIS-5
Disconnect		AOIS-5
Change Facility Connection		AOIS-5
FDI - Distribution Interconnection		
New		AOIS-5
Disconnect		AOIS-5
Change Facility Connection		AOIS-5
Serving Terminal Interconnection		
New		AOIS-5
Disconnect		AOIS-5
Change Facility Connection		AOIS-5

Note 1: Data provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Line Sharing Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Adjustment Percent	Flow Through Percent	Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
Unbundled Network Elements (UNEs)						
Line Sharing Order Processing						
CLEC CO Splitter						
New						
Disconnect						
Change CO Connection						

Not Included in this Filing

Note 1: Based on system and process changes that will be implemented in the NMC, NMC Staff Support personnel provided an efficiency gain of 15% for these order types.
Note 2: Orders will flow-through the upfront processing systems without manual intervention. Provided by Manager - Process Efficiency OMT System Development and UAT Flow Through.
Note 3: Provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Loop Conditioning Order Processing - Minutes per Order

Description	Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs)		
Loop Conditioning Order Processing		
Bridged Tap Removal		
One Occurrence	5	AOIS-6
Multiple Occurrences		AOIS-6
Load Coil Removal		
Load Coil Removal Only		AOIS-6
Combinations		
Bridged Tap (One) and Load Coil Removal		AOIS-6
Bridged Tap (Multiple) and Load Coil Removal		AOIS-6

Note 1: Information provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Dark Fiber Order Processing - Minutes per Order

Description	Manual and Semi-Mechanized Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs)		
Dark Fiber		
Preordering		
Exchange Facilities	5	AOIS-20
Inter-office Facilities		AOIS-20
UNE Inter-office Dedicated Transport Order Processing		
New		AOIS-20
Disconnect		AOIS-20
Unbundled Loop Order Processing		
New		AOIS-20
Disconnect		AOIS-20
Subloop Feeder Order Processing		
New		AOIS-20
Disconnect		AOIS-20
Subloop Distribution Order Processing		
New		AOIS-20
Disconnect		AOIS-20

Note 1: Data provided by NACC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
UNE-Platforms (UNE-Ps) Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Manual and Semi-Mech Orders: Adjustment Percent	Manual and Semi-Mech Orders: Flow Through Percent	Manual and Semi-Mech Orders: Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
UNE-Platforms (UNE-Ps) Order Processing						
Exchange						
Basic						
Migration As Is +/-	AEBD-1	5				AOIS-7
Change Line Feature	AEBD-2					AOIS-7
Complex Non-digital						
Migration As Specified	AECD					AOIS-7
Change Line Feature	AEBD-2					AOIS-7
Change Switch Feature Group	AEBD-2					AOIS-7
Complex Digital						
Migration As Specified	AECD					AOIS-7
Change Line Feature	AEBD-2					AOIS-7
Change Switch Feature Group	AEBD-2					AOIS-7

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
UNE-Platforms (UNE-Ps) Order Processing - Minutes per Order

Description	Source	Current Minutes per Order	Manual and Semi-Mech Orders Adjustment Percent	Flow Through Percent	Minutes per Order	Destination
		A=Source	B=Note 1	C=Note 2	D=A*(1-B)*(1-C)	
UNE-Platforms (UNE-Ps) Order Processing						
Advanced/Special						
Complex						
Migration As Specified	AACD	5				AOIS-8
Change	AEBD-2					AOIS-8
Record (All UNE-Ps)	AEBD-2					AOIS-8

Note 1: Based on system and process changes that will be implemented in the NMC, NMC Staff Support personnel provided an efficiency gain of 15% for these order types.
Note 2: Orders will flow-through the upfront processing systems without manual intervention. Data provided by Manager - Process Efficiency OMT System Development and UAT Flow Through.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Other Elements

Description	Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs) and UNE-Platforms		
Coordinated Conversion		
Exchange		
Process 1		
Standard Interval		AOIS-9
Process 2		
Standard Interval		AOIS-9
Additional Interval		AOIS-9
Process 3		
Standard Interval		AOIS-9
Additional Interval		AOIS-9
Advanced/Special	5	
Process 1		
Standard Interval		AOIS-9
Process 2		
Standard Interval		AOIS-9
Additional Interval		AOIS-9
Process 3		
Standard Interval		AOIS-9
Additional Interval		AOIS-9

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Other Elements

Description	Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs) and UNE-Platforms		
Hot Cut Coordinated Conversion		
Exchange		
Process 1		
Standard Interval	5	AOIS-10
Process 2		
Standard Interval		AOIS-10
Additional Interval		AOIS-10
Process 3		
Standard Interval		AOIS-10
Additional Interval		AOIS-10
Advanced/Special		
Process 1		
Standard Interval		AOIS-10
Process 2		
Standard Interval		AOIS-10
Additional Interval		AOIS-10
Process 3		
Standard Interval		AOIS-10
Additional Interval		AOIS-10

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
Other Elements

Description	Minutes per Order	Destination
	A=Note 1	
Unbundled Network Elements (UNEs) and UNE-Platforms		
Expedites		
Exchange	5	AOIS-11
Advanced/Special		AOIS-11
CLEC Account Establishment		AOIS-11
No Access Customer Will Advise		AOIS-11

Note 1: Data provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - SS7

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Signaling System Seven (SS7)					
Trunk Ports					
Facilities and Trunks; STP Ports (SS7 Links)					
New					
Production Order Entry	AAEP				AOIS-12
Error Correction	AAEP				AOIS-12
Jeopardies	AAEP				AOIS-12
Meetpoint	AAEP				AOIS-12
Projects	AAPO				AOIS-12
MOG Order Entry	AAMO				AOIS-12
Escalations	AAEU				AOIS-12
Quality Check	AAQP				AOIS-12
Unguided Usage Check	AAEU			5	AOIS-12
Disconnect					
Production Order Entry	AAEP				AOIS-12
Error Correction	AAEP				AOIS-12
Jeopardies	AAEP				AOIS-12
Projects	AAPO				AOIS-12
MOG Order Entry	AAMO				AOIS-12
Quality Check	AAQP				AOIS-12
Unguided Usage Check	AAEU				AOIS-12

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - SS7

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Signaling System Seven (SS7)					
Trunk Ports					
Facilities and Trunks					
Change w/ Engineering Review					
Production Order Entry	AAEP				AOIS-13
Error Correction	AAEP				AOIS-13
Jeopardies	AAEP				AOIS-13
Projects	AAPO				AOIS-13
MOG Order Entry	AAMO				AOIS-13
Escalations	AAEU				AOIS-13
Quality Check	AAQP				AOIS-13
Unguided Usage Check	AAEU				AOIS-13
Change w/o Engineering Review				5	
Production Order Entry	AAEP				AOIS-13
Error Correction	AAEP				AOIS-13
Jeopardies	AAEP				AOIS-13
Projects	AAPO				AOIS-13
MOG Order Entry	AAMO				AOIS-13
Escalations	AAEU				AOIS-13
Quality Check	AAQP				AOIS-13
Unguided Usage Check	AAEU				AOIS-13

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - SS7

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Signaling System Seven (SS7)					
Trunk Ports					
Trunk Only					
New					
Production Order Entry	AAEP				AOIS-14
Error Correction	AAEP				AOIS-14
Jeopardies	AAEP				AOIS-14
Meetpoint	AAEP				AOIS-14
Projects	AAPO				AOIS-14
MOG Order Entry	AAMO				AOIS-14
Escalations	AAEU				AOIS-14
Quality Check	AAQP				AOIS-14
Unguided Usage Check	AAEU				AOIS-14
Disconnect					
Production Order Entry	AAEP				AOIS-14
Error Correction	AAEP				AOIS-14
Jeopardies	AAEP				AOIS-14
Projects	AAPO				AOIS-14
MOG Order Entry	AAMO				AOIS-14
Quality Check	AAQP				AOIS-14
Unguided Usage Check	AAEU				AOIS-14

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Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - SS7

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Signaling System Seven (SS7)					
Trunk Ports					
Trunk Only					
Change w/ Engineering Review					
Production Order Entry	AAEP				AOIS-15
Error Correction	AAEP				AOIS-15
Jeopardies	AAEP				AOIS-15
Projects	AAPO				AOIS-15
MOG Order Entry	AAMO				AOIS-15
Escalations	AAEU				AOIS-15
Quality Check	AAQP				AOIS-15
Unguided Usage Check	AAEU				AOIS-15
Change w/o Engineering Review			5		
Production Order Entry	AAEP				AOIS-15
Error Correction	AAEP				AOIS-15
Jeopardies	AAEP				AOIS-15
Projects	AAPO				AOIS-15
MOG Order Entry	AAMO				AOIS-15
Escalations	AAEU				AOIS-15
Quality Check	AAQP				AOIS-15
Unguided Usage Check	AAEU				AOIS-15

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Network Wholesale Elements (Including EELs)					
IDT/CDT					
DS0 and Fractional T-1					
New					
Production Order Entry	AAEE				AOIS-16
Error Correction	AAEE				AOIS-16
Jeopardies	AAEE				AOIS-16
Meetpoint	AAEE				AOIS-16
Projects	AAPO				AOIS-16
MOG Order Entry	AAMO				AOIS-16
Escalations	AAEU				AOIS-16
Quality Check	AAQE			5	AOIS-16
Disconnect					
Production Order Entry	AAEE				AOIS-16
Error Correction	AAEE				AOIS-16
Jeopardies	AAEE				AOIS-16
Projects	AAPO				AOIS-16
MOG Order Entry	AAMO				AOIS-16
Quality Check	AAQE				AOIS-16

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Network Wholesale Elements (Including EELs)					
IDT/CDT					
DS0 and Fractional T-1					
Migration As Is					
Production Order Entry	AAEE				AOIS-17
Error Correction	AAEE				AOIS-17
Jeopardies	AAEE				AOIS-17
Meetpoint	AAEE				AOIS-17
Projects	AAPO				AOIS-17
MOG Order Entry	AAMO				AOIS-17
Escalations	AAEU				AOIS-17
Quality Check	AAQE				AOIS-17
MOG Template Creation	Note 1				AOIS-17
Term Liability Calculation	Note 1			5	AOIS-17
Change					
Production Order Entry	AAEE				AOIS-17
Error Correction	AAEE				AOIS-17
Jeopardies	AAEE				AOIS-17
Projects	AAPO				AOIS-17
MOG Order Entry	AAMO				AOIS-17
Escalations	AAEU				AOIS-17
Quality Check	AAQE				AOIS-17

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Network Wholesale Elements (Including EELs)					
IDT/CDT					
DS1 and Higher					
New					
Production Order Entry	AAEE				AOIS-18
Error Correction	AAEE				AOIS-18
Jeopardies	AAEE				AOIS-18
Meetpoint	AAEE				AOIS-18
Projects	AAPO				AOIS-18
MOG Order Entry	AAMO				AOIS-18
Escalations	AAEU				AOIS-18
Quality Check	AAQE			5	AOIS-18
Disconnect					
Production Order Entry	AAEE				AOIS-18
Error Correction	AAEE				AOIS-18
Jeopardies	AAEE				AOIS-18
Projects	AAPO				AOIS-18
MOG Order Entry	AAMO				AOIS-18
Quality Check	AAQE				AOIS-18

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements Minute per Order Calculations - IDT/CDT (Including EELs)

Description	Source	Minutes per Activity	Probability of Occurrence	Manual and Semi Mechanized Minutes per Order	Destination
		A=Source	B=Source	C=A*B	
Network Wholesale Elements (Including EELs)					
IDT/CDT					
DS1 and Higher					
Migration As Is					
Production Order Entry	AAEE				AOIS-19
Error Correction	AAEE				AOIS-19
Jeopardies	AAEE				AOIS-19
Meetpoint	AAEE				AOIS-19
Projects	AAPO				AOIS-19
MOG Order Entry	AAMO				AOIS-19
Escalations	AAEU				AOIS-19
Quality Check	AAQE				AOIS-19
MOG Template Creation	Note 1				AOIS-19
Term Liability Calculation	Note 1				AOIS-19
Change				5	
Production Order Entry	AAEE				AOIS-19
Error Correction	AAEE				AOIS-19
Jeopardies	AAEE				AOIS-19
Projects	AAPO				AOIS-19
MOG Order Entry	AAMO				AOIS-19
Escalations	AAEU				AOIS-19
Quality Check	AAQE				AOIS-19
Multiplexing	Note 2				AOIS-19
Record Order	AARD				AOIS-19

Note 1: Data provided by Headquarters Staff Support.
Note 2: No distinct Ordering cost for this feature. Cost included in "I" and Change order cost.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Record Order Minutes per Order

Ln	Description	Source	Minutes per Occurrence	Percent Quality Check	Minutes per Order	Total Record Orders	Percent of Record Orders	Weighted Minutes per Order	Destination
			A=Source	B=Source	C=A*B	D=AAPV-1, AAEF-1	E=D/D Ln 7	F=C*E	
	Record Order								
	Trunk Ports								
1	Order Entry	AAEP							
2	Quality Check	AAQP							
3	Total Trunk Port	Ln 1 + Ln 2							
	Entrance Facilities								
4	Order Entry	AAEE							
5	Quality Check	AAQE							
6	Total Entrance Facilities	Ln 4 + Ln 5							
7	Total	Ln 3 + Ln 6							AIDC-4

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Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Order Entry Time per Order - Trunk Ports (SS7)

Ln	Description	Time Index	Orders	Productive Minutes	Time Base Calculation	Trunk Ports Factors	Average Trunk Ports Minutes per Order	Facilities and Trunks Minutes per Order	Trunk Only Minutes per Order	Probability of Occurrence	Destination
		A=AATT-1	B=AAPV-1,2	C=Note 1	D=Note 2	E=AAQP	F=A*D	G=F*E Ln 11	H=F*E Ln 12	I=AAPV-1,2	
	Trunk Ports										
	Production Order Entry										
1	New Orders										AAOC-1,3
2	Disconnect Orders										AAOC-1,3
3	Change Orders										AAOC-2,4
4	Jeopardies										AAOC-1..4
5	Meetpoints										AAOC-1,3
6	Error Corrections										AAOC-1..4
7	Record Orders										AARD
8	Expedites										
9	Productive Minutes										
10	Time Base Factor										
11	Facilities and Trunk Factor										
12	Trunk Only Factor										
						5					

Note 1: Resource Management provided the productive minutes.
Note 2: The Time Base Factor is calculated using the following equation: Time Base = C Ln 9/[(A Ln1*B Ln1) +...+ (A Ln 8*B Ln 8)]

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Order Entry Time per Order - IDT/CDT

Ln	Description	Time Index	Orders	Productive Minutes	Time Base Calculation	Minutes per Order	Probability of Occurrence	Destination
		A=AATT-2	B=AAEF-1	C=Note 1	D=Note 2	E=A*D	F=AAEF-1,2	
	Basic							
1	New Orders	5						
2	Disconnect Orders							
3	Change Orders							
	Entrance Facilities							
	DS0 and Fractional T-1							
4	New/Migration Orders							AIDC-2
5	Disconnect Orders							AIDC-1
	DS1 and higher							
6	New Orders							AIDC-2
7	Disconnect Orders							AIDC-2
8	Change Orders							AIDC-2,4
9	Jeopardies							AIDC-1..4
10	Meetpoints							AIDC-1..4
11	Error Corrections							AIDC-1..4
12	Record Orders							AARD
13	Expedites							
14	Productive Minutes							
15	Time Base Factor							

Note 1: Resource Management provided the productive minutes.
Note 2: The Time Base Factor is calculated using the following equation: Time Base = C Ln 14/[(A Ln1*B Ln1) +...+ (A Ln 13*B Ln 13)]

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Quality Check Time per Order - Trunk Ports

Ln	Description	Time Index	Orders	Productive Minutes	Time Base Calculation	Trunk Ports Factors	Average Trunk Ports Minutes per Order	Facilities and Trunks Minutes per Order	Trunk Only Minutes per Order	Probability of Occurrence	Destination
		A=AATQ	B=AAPV-2	C=Note 1	D=Note 2	E=AAMO	F=A*D	G=F*E Ln 7	H=F*E Ln 8	I=AAPV-2	
	Trunk Ports										
1	New Orders										AAOC-1,3
2	Disconnect Orders										AAOC-1,3
3	Change Orders										AAOC-2,4
4	Record Orders										AARD
5	Productive Minutes										
6	Time Base Factor										
7	Facilities and Trunk Factor										AAEP
8	Trunk Only Factor										AAEP

5

Note 1: Resource Management provided the productive minutes.
Note 2: The Time Base Factor is calculated using the following equation: Time Base = C Ln 5/[(A Ln1*B Ln1) +...+ (A Ln 4*B Ln 4)]

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Quality Check Time per Order - IDT/CDT

Ln	Description	Time Index	Orders	Productive Minutes	Time Base Calculation	Minutes per Order	Probability of Occurrence	Destination
		A=AATQ	B=AAEF-2	C=Note 1	D=Note 2	E=A*D	F=AAEF-2	
	Entrance Facilities							
1	New Orders							AIDC-1,3
2	Disconnect Orders							AIDC-1,3
3	Change Orders							AIDC-2,4
4	Record Orders							AARD
5	Productive Minutes					5		
6	Time Base Factor							

Note 1: Resource Management provided the productive minutes.
Note 2: The Time Base Factor is calculated using the following equation: Time Base = C Ln 5/[(A Ln1*B Ln1) +...+ (A Ln 4*B Ln 4)]

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Order Entry Time Study Results

Ln	Description	Source	Time Study Minutes	Time Study Activities	Time Study Minutes per Order	Time Index	Destination
			A=Note 1	B=Note 1	C=A/B	D=Source	
	Trunk Ports						
1	New Orders	C Ln 1/MIN Lns (1..8)					AAEP
2	Disconnect Orders	C Ln 2/MIN Lns (1..8)					AAEP
3	Change Orders	C Ln 3/MIN Lns (1..8)					AAEP
4	Jeopardies	C Ln 4/MIN Lns (1..8)					AAEP
5	Meetpoints	C Ln 5/MIN Lns (1..8)			5		AAEP
6	Error Corrections	C Ln 6/MIN Lns (1..8)					AAEP
7	Record Orders	C Ln 7/MIN Lns (1..8)					AAEP
8	Expedites	C Ln 8/MIN Lns (1..8)					AAEP

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Order Entry Time Study Results

Ln	Description	Source	Time Study Minutes	Time Study Activities	Time Study Minutes per Order	Time Index	Destination
			A=Note 1	B=Note 1	C=A/B	D=Source	
	Basic						
9	New Orders	C Ln 9/MIN Lns (9..21)					AAEE
10	Disconnect Orders	C Ln 10/MIN Lns (9..21)					AAEE
11	Change Orders	C Ln 11/MIN Lns (9..21)					AAEE
	Entrance Facilities						
	DS0 and Fractional T-1						
12	New Orders	C Ln 12/MIN Lns (9..21)					AAEE
13	Disconnect Orders	C Ln 13/MIN Lns (9..21)					AAEE
	DS1 and higher						
14	New Orders	C Ln 14/MIN Lns (9..21)					AAEE
15	Disconnect Orders	C Ln 15/MIN Lns (9..21)					AAEE
16	Change Orders	C Ln 16/MIN Lns (9..21)					AAEE
17	Record Orders	C Ln 17/MIN Lns (9..21)					AAEE
18	Jeopardies	C Ln 18/MIN Lns (9..21)					AAEE
19	Expedites	C Ln 19/MIN Lns (9..21)					AAEE
20	Meetpoints	C Ln 20/MIN Lns (9..21)					AAEE
21	Error Corrections	C Ln 21/MIN Lns (9..21)					AAEE

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Note 1: Data obtained through a time and motion study at the NACC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Quality Check Time Study Results

Ln	Description	Source	Time Study Minutes	Time Study Orders	Time Study Minutes per Order	Time Index	Destination
			A=Note 1	B=Note 1	C=A/B	D=Source	
	Trunk Ports						
1	New Orders	C Ln 1/MIN Lns (1..4)					AAQP
2	Disconnect Orders	C Ln 2/MIN Lns (1..4)					AAQP
3	Change Orders	C Ln 3/MIN Lns (1..4)					AAQP
4	Record Orders	C Ln 4/MIN Lns (1..4)					AAQP
	Entrance Facilities						
5	New Orders	C Ln 5/MIN Lns (5..8)					AAQE
6	Disconnect Orders	C Ln 6/MIN Lns (5..8)					AAQE
7	Change Orders	C Ln 7/MIN Lns (5..8)					AAQE
8	Record Orders	C Ln 8/MIN Lns (5..8)					AAQE

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Note 1: Data obtained through a time and motion study at the NACC.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Project Minutes per Order

Ln	Description	Source	Minutes	Orders	Minutes per Order	Probability of Occurrence	Destination
			A=Note 1	B=Source	C=A/B	D=Source	
	Project Orders						
1	**Trunk Ports**	AAPV-2					
2	New Orders	AAPV-2					AAOC-1,3
3	Change Orders	AAPV-2					AAOC-2,4
4	Disconnect Orders	AAPV-2					AAOC-1,3
5	**Entrance Facilities**	AAEF-2			5		
6	New Orders	AAEF-2					AAOC-5,7
7	Change Orders	AAEF-2					AAOC-6,8
8	Disconnect Orders	AAEF-2					AAOC-5,7
9	Total Project	Ln 1+Ln 5					AAOC-1..8

Note 1: Resource Management provided the productive minutes.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - MOG Minutes per Order

Ln	Description	Source	Minutes	Orders	Minutes per Order	Trunk Ports Factors	Facilities and Trunks Minutes per Order	Trunk Only Minutes per Order	Probability of Occurrence	Destination
			A=Note 1	B=Source	C=A/B	D=AATF	E=C*D Ln 10	F=C*D Ln 11	G=Source	
	MOG Orders									
1	**Trunk Ports**	AAPV-1								
2	New Orders	AAPV-1								AAOC-1,3
3	Change Orders	AAPV-1								AAOC-2,4
4	Disconnect Orders	AAPV-1								AAOC-1,3
5	**Entrance Facilities**	AAEF-1								
6	New Orders	AAEF-1								AAOC-5,7
7	Change Orders	AAEF-1								AAOC-6,8
8	Disconnect Orders	AAEF-1								AAOC-5,7
9	Total MOG	Ln 1 + Ln 5								AAOC-1..8
10	Facilities and Trunk Factor									AAQP
11	Trunk Only Factor									AAQP

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Note 1: Resource Management provided the productive minutes.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Escalation and Unguided Usage Minutes per Order

Ln	Description	Source	Minutes	Orders	Minutes per Order	Probability of Occurrence	Destination
			A=Note 1	B=Source	C=A/B	D=Source	
	Escalations						
1	**Trunk Ports**	AAPV-2					AAOC-1..4
2	**Entrance Facilities**	AAEF-2					AAOC-5..8
3	Total	Ln 1 + Ln 2			5		AAOC-1..8
4	**Unguided Usage**	AAPV-2					AAOC-1..4

Note 1: Resource Management provided the productive minutes.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Additional Time per Manual Order

Ln	Description	Source	Minutes per Order	Destination
			A=Source	
	Additional Time per Manual Order			
1	Manual Fax Load	Note 1		
2	FOC Fax	Note 1	5	
3	Total	Ln 1 + Ln 2		AOIS-12

Note 1: Data provided by NACC personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Relationship of Trunk Only to Facilities and Trunk

Ln	Description	Source	Coefficient	Order Percentages	Trunk Port Factors	Destination
			A=Note 1	B=Note 2	C=Source	
1	Facilities and Trunk to Trunk Only Coefficient					
2	Facilities and Trunk Percent of Orders					
3	Trunk Only Percent of Orders					
4	Facilities and Trunk Factor	1/(((1/A* B Ln 3) + B Ln 2)	5			AAMO
5	Trunk Only Factor	(1 - (C Ln 4 *B Ln 2))/B Ln 3				AAMO

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Note 2: Percents provided by NACC personnel.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Trunk Port Orders

Ln	Description	Source	Total Orders	Percent	Production vs. MOG Percent	Destination
			A=Note 1	B=Source	C=Source	
	Production Orders					
1	New Orders	A Ln 1/A Ln 11				AAEP
2	Change Orders	A Ln 2/A Ln 12				AAEP
3	Subtotal	Ln 1+Ln 2				
4	Disconnect Orders	A Ln 4/A Ln 13				AAEP
5	Record Orders					AAEP,AARD
6	Subtotal	Sum Lns (3..5)				
	MOG Orders					
7	New Orders	A Ln 7/A Ln 11				AAMO
8	Change Orders	A Ln 8/A Ln 12				AAMO
9	Disconnect Orders	A Ln 9/A Ln 13				AAMO
10	Total MOG	Sum Lns (7..8)				AAMO
	Total Orders					
11	New	Ln 1+Ln 7				
12	Change	Ln 2+Ln 8				
13	Disconnect	Ln 4+Ln 9				
14	Total Orders	Ln 6+Ln 10				

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Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Trunk Port Orders

Ln	Description	Source	Total Orders	Percent	Production vs. MOG Percent	Destination
			A=Note 1	B=Source	C=Source	
	Quality Check					
15	New Orders	Note 1				AAQP
16	Disconnect Orders	Note 1				AAQP
17	Change Orders	Note 1				AAQP
18	Record Orders	Note 1				AAQP
19	Jeopardies	A Ln 19/A Ln 14				AAEP
20	Meet Point	Note 2				AAEP
21	Escalations	A Ln 21/A Ln 3				AAEU
22	Projects	A Ln 22/A Ln 6				AAPO
23	New Orders	B Ln 22*C Ln 1				AAPO
24	Change Orders	B Ln 22*C Ln 2				AAPO
25	Disconnect Orders	B Ln 22*C Ln 4				AAPO
26	Unguided Usage	A Ln 26/A Ln 14				AAEU
27	Errors	A Ln 27/A Ln 6				AAEP
28	Expedites					AAEP

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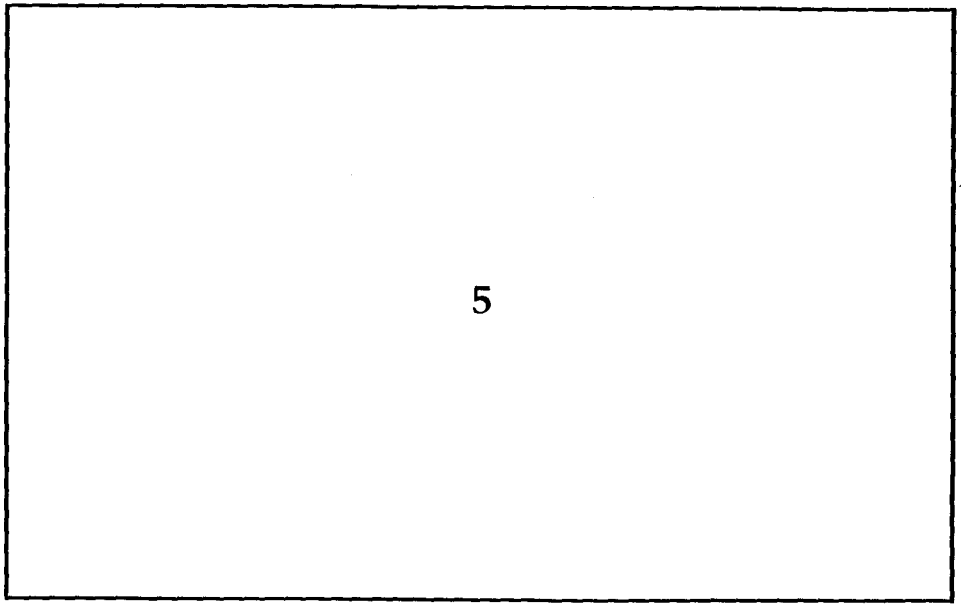
Note 1: Data provided by NACC personnel.
Note 2: Verizon Florida does not have any meet points with other Local Exchange Carriers.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Entrance Facilities Orders

Ln	Description	Source	Basic	DS-0 and Fractional T-1	DS-1 and higher	Other Activities	Total	Percent of Order	Production vs. MOG Percent	Destination
			A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Sum (A..D)	F=Source	G=Source	
	Production Orders									
1	New Order	E Ln 1/E Ln 11								AAEE
2	Change Order	E Ln 2/E Ln 12								AAEE
3	Subtotal	Ln 1+Ln 2								
4	Disconnect Order	E Ln 4/E Ln 13								AAEE
5	Record Order									AAEE,AARD
6	Subtotal	Sum Lns (3..5)								
	MOG Orders									
7	New Orders	E Ln 7/E Ln 11								AAMO
8	Change Orders	E Ln 8/E Ln 12								AAMO
9	Disconnect Orders	E Ln 9/E Ln 13								AAMO
10	Total MOG	Sum Lns (7..9)								AAMO
	Total Orders									
11	New	Ln 1+Ln 7								
12	Change	Ln 2+Ln 8								
13	Disconnect	Ln 4+Ln 9								
14	Total Orders	Ln 6+Ln 10								



Verizon - Florida
Wholesale Non-recurring Study
Ordering - NACC
Network Wholesale Elements - Entrance Facilities Orders

Ln	Description	Source	Basic	DS-0 and Fractional T-1	DS-1 and higher	Other Activities	Total	Percent of Order	Production vs. MOG Percent	Destination
			A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Sum (A..D)	F=Source	G=Source	
	Quality Check									
15	New Orders	Note 1								AAQE
16	Disconnect Orders	Note 1								AAQE
17	Change Orders	Note 1								AAQE
18	Record Orders	Note 1								AAQE
19	Jeopardies	E Ln 19/E Ln 14								AAEE
20	Meet Point	Note 2								AAEE
21	Escalations	E Ln 21/E Ln 3								AAEU
22	Projects	E Ln 22/E Ln 6								AAPO
23	New Orders	F Ln 22*G Ln 1								AAPO
24	Change Orders	F Ln 22*G Ln 2								AAPO
25	Disconnect Orders	F Ln 22*G Ln 4								AAPO
26	Errors	E Ln 26/E Ln 6								AAEE
27	Expedite									AAEE

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Note 1: Data provided by NACC personnel.
Note 2: Verizon Florida does not have any meet points with other Local Exchange Carriers.

Verizon - Florida
Wholesale Non-recurring Cost Study
Ordering
NMC Shared/Fixed Costs

Ln	Description	Source	Per Center Cost	North Carolina Total Annual Charge Factor	North Carolina Total Cost	Idaho Total Annual Charge Factor	Idaho Total Cost	Indiana Total Annual Charge Factor	Indiana Total Cost	Total All Sites	Destination
			A=Note 1	B=ACCF	C=A*B	D=ACCF	E=A*D	F=ACCF	G=A*F	H=C+E+G	
	Recurring Nonlabor Expense										
1	Rent Expense										
2	ACD Maintenance Contract										
3	INS Circuit Charges										
	Implementation Nonlabor Costs										
4	Facility Expansion										
5	Furniture & Fixtures										
6	Support Assets/LAN/SIGS										
7	ACD/IVRU										
8	Scheduling System										
9	Recruiting										
10	Relocations										
11	Other Implementation Cost										
	Ordering Center Capital Requirements										
12	LAN/SIGS Implementation										
13	PCs for Staff										
14	ACD/IVRU										
15	Scheduling System										
16	Facilities Expansion										
17	Furniture & Fixtures										
	NMC Support										
18	Support and Administration Labor										
19	Support and Administration Nonlabor										
20	Support and Administration PCs										
21	Total	Sum Lns (1..20)									AOIS-21

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Note 1: Data provided by NMC Staff Support personnel.

Verizon - Florida
Wholesale Non-recurring Cost Study
Ordering
Capital Cost Factors

Description	Capital Factor	Composite Income Tax Factor	Property Tax Factor	Total Annual Charge Factor	Destination
	A=Note 1	B=Note 1	C=Note 1	D=A+B+C	
North Carolina					
212100 Buildings					ASFC
212200 Furniture					ASFC
212400 Computers					ASFC
Idaho					
212100 Buildings					ASFC
212200 Furniture				5	ASFC
212400 Computers					ASFC
Indiana					
212100 Buildings					ASFC
212200 Furniture					ASFC
212400 Computers					ASFC

Note 1: Data provided by Financial Group personnel, the Rate of Return is 12.95%.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
NMC Exchange Basic Order Work Sampling Summary

Ln	Description	Source	Minutes per Task	Probability of Occurrence	Weighted Minutes per Order	Indirect Factor	Current Minutes per Order	Destination
			A= Note 1	B= Note 1	C=A*B	D=Note 1	E=C*(1+D Ln13)	
	UNE-Platforms (UNE-Ps)							
	Exchange							
	Basic							
	Migration As Is +/-							
1	Review LSR							
2	LSR Reject							
3	Error Correction							
4	Review Account/Profile							
5	Directory Listing/Inquiry							
6	Order Entry							
7	Local Service Confirmation							
8	Telephone Call							
9	Total	Sum Lns (1..8)					5	AUNP-1

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
NMC Exchange Basic Order Work Sampling Summary

Ln	Description	Source	Minutes per Task	Probability of Occurrence	Weighted Minutes per Order	Indirect Factor	Current Minutes per Order	Destination
			A= Note 1	B= Note 1	C=A*B	D=Note 1	E=C*(1+D Ln13)	
	UNE-Platforms (UNE-Ps) Exchange and Advanced/Special							
10	**Change**							AUNP-1,2
11	**Record**							AUNP-2
12	**Preordering**						5	
13	**Customer Record Search**							

Note 1: Resale services are used as a proxy for UNE-Ps.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
NMC Subject Matter Expert Work Time Development - Exchange Complex

Ln	Description	Minutes per Task	Probability of Occurrence	Weighted Minutes per Order	Indirect Factor	Current Minutes per Order	Destination
		A=Note 1	B= Note 1	C=A*B	D=Note 1	E=C*(1+D)	
	UNE-Platforms (UNE-Ps)						
	Exchange						
	Complex						
	Migration As Specified						
1	Review LSR						
2	LSR Reject						
3	Error Correction						
4	Review Account/Profile						
5	Directory Listing/Inquiry					5	
6	Order Entry						
7	Local Service Confirmation						
8	Telephone Call						
9	Total						AUNP-1

Note 1: Data provided by NMC Staff Support personnel for Resale services. Resale services are used as a proxy for UNE-Ps.

Verizon - Florida
Wholesale Non-recurring Study
Ordering - NMC
NMC Subject Matter Expert Work Time Development - Advanced/Special Complex

Ln	Description	Minutes per Task	Probability of Occurrence	Weighted Minutes per Order	Indirect Factor	Current Minutes per Order	Destination
		A=Note 1	B=Note 1	C=A*B	D=Note 1	E=C*(1+D)	
	UNE-Platforms (UNE-Ps)						
	Advanced/Special						
	Complex						
	Migration As Specified						
1	Review LSR						
2	LSR Reject						
3	Error Correction						
4	Review Account/Profile						
5	Directory Listing/Inquiry			5			
6	Order Entry						
7	Local Service Confirmation						
8	Telephone Call						
9	Total						AUNP-2

Note 1: Data provided by NMC Staff Support personnel for Resale services. Resale services are used as a proxy for UNE-Ps.

Verizon - Florida
Wholesale Non-recurring Study
Loaded Labor Rates
Ordering

State	Work Center	Job Title	LLR per Hour	LLR per Minute	Destination
			A=Note 1	B=A/60	
IN	NMC	Representative 1 - NMC	5		AOLR
IN	NMC	Representative 2 - NMC			AOLR
NC	NMC	Representative - NMC			AOLR
ID	NMC	Representative 1 - NMC			AOLR
ID	NMC	Representative 2 - NMC			AOLR
NC	NACC	Service Consultant			AOLR
NC	NACC	Coordinator			AOLR
NC	NACC	Senior Administrator			AOLR
TX	NOREC	General Clerk			AOLR

Note 1: 2000 Labor Rates provided by the Jursidictional Reporting group.

A2- PROVISIONING

Wholesale Non-recurring Study

Florida
Docket Number 990649-TP
Table of Appendix Exhibits - Provisioning by Page

	Exhibit Name	Page
Exchange Elements - Appendix Summary	AINP	A2-1
Exchange Elements - Appendix Summary	AINP	A2-9
Minutes Per Line Calculation	AMPU	A2-10
Order/Touch Summary	ACXI	A2-17
Order/Touch Summary - Other Exchange Elements	AOEE	A2-25
Lines Per Order Calculation	ALNS	A2-26
Touches Per Touched Order	ASME	A2-29
Percentage Touched	APCT	A2-37
APC Minutes Per Touch	AMPT	A2-46
VFAC Work Times	AVFC	A2-48
APC LLR Computation	AFLC	A2-49
APC Interim Number Portability Calculation	AFMC	A2-54
AAIS Reject Calculation	AMSI	A2-55
DBM Time Calculation	ADTC	A2-56
NOVC Touches Summary	ANSC	A2-57
DBM LLR Computation	ADLC	A2-58
Distribution of Service Orders by Type	ASID	A2-59
NOVC Volumes	ANVI	A2-61
Advanced/Special Elements - Appendix Summary	APRI	A2-62
Network Wholesale Elements and SS7 - Appendix Summary	APRI	A2-66
Work Time Calculations	APMC	A2-70
Testing - Work Times	ATMC	A2-72
DBM - Work Times	ADMC	A2-73
Dispatch - Work Times	ADSP	A2-74
Weighted Loaded Labor Rate Calculation	APLC	A2-75
Dark Fiber - Work Times	ADFC	A2-79
Local Loop Assignment Work Times	ALLA	A2-80
Admin and DBM-WCC Productive Minutes and LLRs	AEXP	A2-82
Orders and Circuits - Percentages - UNE and UNE - Platform	APOP	A2-83
Orders and Circuits - Percentages - Network Wholesale Elements	APOP	A2-86
Orders and Circuits - Counts - UNE and UNE - Platforms	APOC	A2-89
Orders and Circuits - Counts - Network Wholesale Elements	APOC	A2-91

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Appendix Exhibits - Provisioning by Exhibit Name

	Exhibit Name	Page
Order/Touch Summary	ACXI	A2-17
Dark Fiber - Work Times	ADFC	A2-79
DBM LLR Computation	ADLC	A2-58
DBM - Work Times	ADMC	A2-73
Dispatch - Work Times	ADSP	A2-74
DBM Time Calculation	ADTC	A2-56
Admin and DBM-WCC Productive Minutes and LLRs	AEXP	A2-82
APC LLR Computation	AFLC	A2-49
APC Interim Number Portability Calculation	AFMC	A2-54
Exchange Elements - Appendix Summary	AINP	A2-1
Exchange Elements - Appendix Summary	AINP	A2-9
Local Loop Assignment Work Times	ALLA	A2-80
Lines Per Order Calculation	ALNS	A2-26
APC Minutes Per Touch	AMPT	A2-46
Minutes Per Line Calculation	AMPU	A2-10
AAIS Reject Calculation	AMSI	A2-55
NOVC Touches Summary	ANSC	A2-57
NOVC Volumes	ANVI	A2-61
Order/Touch Summary - Other Exchange Elements	AOEE	A2-25
Percentage Touched	APCT	A2-37
Weighted Loaded Labor Rate Calculation	APLC	A2-75
Work Time Calculations	APMC	A2-70
Orders and Circuits - Counts - UNE and UNE - Platforms	APOC	A2-89
Orders and Circuits - Counts - Network Wholesale Elements	APOC	A2-91
Orders and Circuits - Percentages - UNE and UNE - Platform	APOP	A2-83
Orders and Circuits - Percentages - Network Wholesale Elements	APOP	A2-86
Advanced/Special Elements - Appendix Summary	APRI	A2-62
Network Wholesale Elements and SS7 - Appendix Summary	APRI	A2-66
Distribution of Service Orders by Type	ASID	A2-59
Touches Per Touched Order	ASME	A2-29
Testing - Work Times	ATMC	A2-72
VFAC Work Times	AVFC	A2-48

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Weighted Loaded Labor Rate					
APC	AFLC-5				PRC-1..7
DBM	ADLC				PRC-1..7
Average Loaded Labor Rate					
DRC	ADSP				PRC-1..7
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Loop					
Basic					
New					
APC					PRC-1
Disconnect					
APC					PRC-1
Change CO Connection					
APC					PRC-1
Complex Non-digital					
New					
APC					PRC-1
Disconnect					
APC					PRC-1
Change CO Connection					
APC					PRC-1

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Loop					
Complex Digital					
New					
APC					PRC-1
Disconnect					
APC					PRC-1
Change CO Connection					
APC					PRC-1
Unbundled Port					
Basic					
New					
APC					PRC-2
Disconnect					
APC					PRC-2
Change Port Feature					
APC					PRC-2
Change CO Connection					
APC					PRC-2

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Port					
Complex Non-digital					
New					
APC					PRC-2
DBM (Initial line only)					PRC-2
Disconnect					
APC					PRC-2
DBM (Initial line only)					PRC-2
Change Port Feature					
APC					PRC-2
Change Switch Feature Group					
APC					PRC-2
DBM					PRC-2
Change CO Connection					
APC					PRC-2
Complex Digital					
New					
APC					PRC-3
DBM (Initial line only)					PRC-3
Disconnect					
APC					PRC-3
DBM (Initial line only)					PRC-3
				5	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Port					
Complex Digital					
Change Port Feature					
APC					PRC-3
Change Switch Feature Group					
APC					PRC-3
DBM					PRC-3
Change CO Connection					
APC			**5**		PRC-3
Interim Number Portability					
New					PRC-3
Disconnect					PRC-3
Change					PRC-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Subloop Unbundling					
FDI - Feeder Connection					
New					
APC					PRC-4
Disconnect					
APC					PRC-4
Change Facility Connection					
APC					PRC-4
FDI - Distribution Connection					
New					
APC					PRC-4
Disconnect					
APC					PRC-4
Change Facility Connection					
APC					PRC-4

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

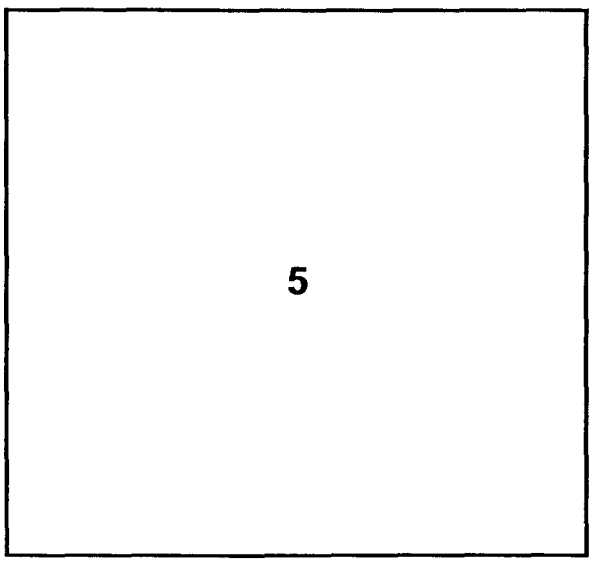
Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Subloop Unbundling					
Serving Terminal Connection					
New					
APC					PRC-5
Disconnect					
APC					PRC-5
Change Facility Connection					
APC					PRC-5
Line Sharing					
CLEC CO Splitter Connection					
Complex Digital					
New					
APC					
Disconnect					
APC					
Change CO Connection					
APC					

5

Not included in this filing

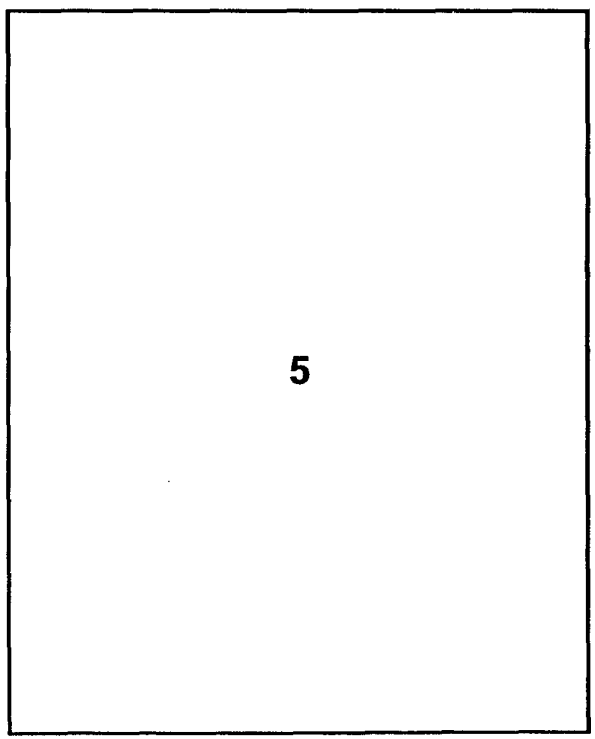
Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Loop Conditioning					
Bridged Tap Removal					
One Occurrence					PRC-6
Multiple Occurrences					PRC-6
Load Coil Removal					
Load Coil Removal Only					PRC-6
Combinations					
Bridged Tap (One) and Load Coil Removal					PRC-6
Bridged Tap (Multiple) and Load Coil Removal					PRC-6
Line and Station Transfer					
Vacant					
Change Facility Connection					PRC-6
Facility Verification	AVFC				PRC-6
In-Use					
Change Facility Connection					PRC-6
Facility Verification	AVFC				PRC-6



Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Source	Minutes per Line	Probability of Occurrence	Weighted LLR per Minute	Destination
		A=AMPU-1..7	B=APCT-1..8	C=Source	
UNE- Platform (UNE-Ps)					
Exchange Elements					
Basic					
Migration As Is +/-					
APC - Change Feature					PRC-6
APC - Measured Service					PRC-6
Change Line Feature					
APC					PRC-6
Complex Non-digital					
Migration As Specified					
APC					PRC-6
DBM (Initial line only)					PRC-6
Change Line Feature					
APC					PRC-7
Change Switch Feature Group					
APC					PRC-7
DBM					PRC-7
Complex Digital					
Migration As Specified					
APC					PRC-7
DBM (Initial line only)					PRC-7
Change Line Feature					
APC					PRC-7
Change Switch Feature Group					
APC					PRC-7
DBM					PRC-7



Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Appendix Summary

Description	Minutes per Order	Probability of Occurrence	Weighted LLR per Minute	Destination
	A=AOEE	B=APCT-9	C=AFLC-5	
Other Exchange Elements				
Coordinated Conversion				
Process 1				
Standard Interval				PCC
Process 2				
Standard Interval				PCC
Additional Interval				PCC
Process 3				
Standard Interval				PCC
Additional Interval				PCC
Hot Cut Coordinated Conversion		**5**		
Process 1				
Standard Interval				PCC
Process 2				
Standard Interval				PCC
Additional Interval				PCC
Process 3				
Standard Interval				PCC
Additional Interval				PCC

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Loop							
Basic							
New							
APC						5	AINP-1
Disconnect							
APC							AINP-1
Change CO Connection							
APC							AINP-1
Complex Non-digital							
New							
APC							AINP-1
Disconnect							
APC							AINP-1
Change CO Connection							
APC							AINP-1
Complex Digital							
New							
APC							AINP-2
Disconnect							
APC							AINP-2
Change CO Connection							
APC							AINP-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Port							
Basic							
New							
APC						5	AINP-2
Disconnect							
APC							AINP-2
Change Port Feature							
APC							AINP-2
Change CO Connection							
APC							AINP-2
Complex Non-digital							
New							
APC							AINP-3
DBM (Initial line only)							AINP-3
Disconnect							
APC							AINP-3
DBM (Initial line only)							AINP-3
Change Port Feature							
APC							AINP-3
Change Switch Feature Group							
APC							AINP-3
DBM							AINP-3
Change CO Connection							
APC							AINP-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Unbundled Port							
Complex Digital							
New							
APC						5	AINP-3
DBM (Initial line only)							AINP-3
Disconnect							
APC							AINP-3
DBM (Initial line only)							AINP-3
Change Port Feature							
APC							AINP-4
Change Switch Feature Group							
APC							AINP-4
DBM							AINP-4
Change CO Connection							
APC							AINP-4
Interim Number Portability							
New							AINP-4
Disconnect							AINP-4
Change							AINP-4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Subloop Unbundling							
FDI - Feeder Connection							
New							
APC							AINP-5
Disconnect							
APC							AINP-5
Change Facility Connection							
APC							AINP-5
FDI - Distribution Connection							
New							
APC							AINP-5
Disconnect							
APC							AINP-5
Change Facility Connection							
APC							AINP-5

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Subloop Unbundling							
Serving Terminal Connection							
New							
APC							
Disconnect							
APC							
Change Facility Connection							
APC							
Line Sharing							
CLEC CO Splitter Connection							
Complex Digital							
New							
APC							
Disconnect							
APC							
Change CO Connection							
APC							

5	AINP-6
	AINP-6
	AINP-6

Not included in this filing

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
Unbundled Network Elements (UNEs)							
Exchange Elements							
Loop Conditioning							
Bridged Tap Removal							
One Occurrence						5	AINP-7
Multiple Occurrences							AINP-7
Load Coil Removal							
Load Coil Removal Only							AINP-7
Combinations							
Bridged Tap (One) and Load Coil Removal							AINP-7
Bridged Tap (Multiple) and Load Coil Removal							AINP-7
Line and Station Transfer							
Vacant							
Change Facility Connection							AINP-7
Facility Verification	Note 1						AINP-7
In-Use							
Change Facility Connection	Note 1						AINP-7
Facility Verification	Note 1						AINP-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Minutes Per Line Calculation

Description	Source	Minutes per Touch	Touches per Touched Order	Minutes per Order	Lines per Order	Minutes per Line	Destination
		A=ACXI-1	B=ACXI-1..8	C=A*B	D=ACXI-1..8	E=C/D	
UNE - Platform (UNE-Ps)							
Exchange Elements							
Basic							
Migration As Is +/-							
APC						5	AINP-7
Change Line Feature							
APC							AINP-7
Complex Non-digital							
Migration As Specified							
APC							AINP-7
DBM (Initial line only)							AINP-7
Change Line Feature							
APC							AINP-8
Change Switch Feature Group							
APC							AINP-8
DBM							AINP-8
Complex Digital							
Migration As Specified							
APC							AINP-8
DBM (Initial line only)							AINP-8
Change Line Feature							
APC							AINP-8
Change Switch Feature Group							
APC							AINP-8
DBM							AINP-8

Note 1: Data obtained from Headquarters Staff personnel.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Minutes per Touch					
APC	AMPT-1				AMPU-1..7
VFAC	AVFC				AMPU-7
DBM					
New, Change, and Migration as Specified	ADTC				AMPU-2, 3, 7
Disconnect	ADTC				AMPU-2, 3
Loop Conditioning	ALNS-3				AMPU-6
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Loop					
Basic					
New					
APC					AMPU-1
Disconnect					
APC					AMPU-1
Change CO Connection					
APC					AMPU-1
Complex Non-digital					
New					
APC					AMPU-1
Disconnect					
APC					AMPU-1
Change CO Connection					
APC					AMPU-1

	5	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Loop					
Complex Digital					
New					
APC					AMPU-1
Disconnect					
APC					AMPU-1
Change CO Connection					
APC					AMPU-1
Unbundled Port					
Basic					
New					
APC					AMPU-2
Disconnect					
APC					AMPU-2
Change Port Feature					
APC					AMPU-2
Change CO Connection					
APC					AMPU-2
Complex Non-Digital					
New					
APC					AMPU-2
DBM					AMPU-2

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Port					
Complex Non-digital					
Disconnect					
APC					AMPU-2
DBM					AMPU-2
Change Port Feature					
APC					AMPU-2
Change Switch Feature Group					
APC					AMPU-2
DBM					AMPU-2
Change CO Connection					
APC					AMPU-2
Complex Digital					
New					
APC					AMPU-3
DBM					AMPU-3
Disconnect					
APC					AMPU-3
DBM					AMPU-3
Change Port Feature					
APC					AMPU-3
			5		

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Unbundled Port					
Complex Digital					
Change Switch Feature Group					
APC			5		AMPU-3
DBM					AMPU-3
Change CO Connection					
APC					AMPU-3
Interim Number Portability					
New					AMPU-3
Disconnect					AMPU-3
Change					AMPU-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Subloop Unbundling					
FDI - Feeder Connection					
New					
APC			5		AMPU-4
Disconnect					
APC					AMPU-4
Change Facility Connection					
APC					AMPU-4
FDI - Distribution Connection					
New					
APC					AMPU-4
Disconnect					
APC					AMPU-4
Change Facility Connection					
APC					AMPU-4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Subloop Unbundling					
Serving Terminal Connection					
New					
APC		5			AMPU-5
Disconnect					
APC					AMPU-5
Change Facility Connection					
APC					AMPU-5
Line Sharing					
CLEC CO Splitter Connection					
Complex Digital					
New					
APC					
Disconnect					
APC					
Change CO Connection					
APC					

Not included in this filing

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
Unbundled Network Elements (UNEs)					
Exchange Elements					
Loop Conditioning					
Bridged Tap Removal					
One Occurrence					AMPU-6
Multiple Occurrences					AMPU-6
Load Coil Removal					
Load Coil Removal Only			**5**		AMPU-6
Combinations					
Bridged Tap (One) and Load Coil Removal					AMPU-6
Bridged Tap (Multiple) and Load Coil Removal					AMPU-6

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary

Description	Source	Lines per Order	Touches per Touched Order	Minutes per Touch	Destination
		A=ALNS-1..3	B=ASME-1..8	C=Source	
UNE- Platform (UNE-Ps)					
Exchange Elements					
Basic					
Migration As Is +/-					
APC					AMPU-6
Change Line Feature					
APC					AMPU-6
Complex Non-digital					
Migration As Specified					
APC					AMPU-6
DBM					AMPU-6
Change Line Feature					
APC					AMPU-7
Change Switch Feature Group					
APC			5		AMPU-7
DBM					AMPU-7
Complex Digital					
Migration As Specified					
APC					AMPU-7
DBM					AMPU-7
Change Line Feature					
APC					AMPU-7
Change Switch Feature Group					
APC					AMPU-7
DBM					AMPU-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Order/Touch Summary - Other Exchange Elements

Description	Touches per Touched Order	Minutes per Touch	Percentage Touched	Minutes per Order	Destination
	A=ASME-9	B=AMPT-2	C=APCT-9	D=A*B	
Other Exchange Elements					
Coordinated Conversion					
Process 1					
Standard Interval					AINP-9
Process 2					
Standard Interval					AINP-9
Additional Interval					AINP-9
Process 3					
Standard Interval					AINP-9
Additional Interval					AINP-9
Hot Cut Coordinated Conversion			**5**		
Process 1					
Standard Interval					AINP-9
Process 2					
Standard Interval					AINP-9
Additional Interval					AINP-9
Process 3					
Standard Interval					AINP-9
Additional Interval					AINP-9

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Lines per Order Calculation

Ln	Description	Source	Number of Lines	Number of Orders	Lines per Order	Destination
			A=Source	B=Source	C=A/B	
	Exchange Elements					
	Basic					
	New					
1	I	Note 1				
2	M+	Note 1				
3	Total	Ln 1 + Ln 2				
4	C+	Note 1				
5	Total New Line Orders	Ln 3 + Ln 4				ACXI-1, 2, 7
	Disconnect					
6	O	Note 1				
7	M-	Note 1				
8	Total	Ln 6 + Ln 7				
9	C-	Note 1				
10	Total Disconnect Line Orders	Ln 8 + Ln 9				ACXI-1, 2, 7
12	Migration As Is +/-	Line 5, Note 2				ACXI-7
	Complex Non-digital					
	New					
13	I	Note 1				
14	M+	Note 1				
15	Total	Ln 13 + Ln 14				
16	Install C+	Note 1				
17	Total New Line Orders	Ln 15 + Ln 16, Note 2				ACXI-1, 2, 7

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Lines per Order Calculation

Ln	Description	Source	Number of Lines	Number of Orders	Lines per Order	Destination
			A=Source	B=Source	C=A/B	
	Exchange Elements					
	Complex Non-digital					
	Disconnect					
18	O	Note 1				
19	M-	Note 1				
20	Total	Ln 18 + Ln 19				
21	C-	Note 1				
22	Total Disconnect Line Orders	Ln 20 + Ln 21, Note 2				ACXI-3, 7
24	Migration As Specified	Line 17, Note 2				ACXI-8
	Complex Digital					
	New					
25	I	Note 1				
26	M+	Note 1				
27	Total	Ln 25 + Ln 26				
28	C+	Note 1				
29	Total New Line Orders	Ln 27 + Ln 28, Note 2				ACXI-2, 3, 8
	Disconnect					
30	O	Note 1				
31	M-	Note 1				
32	Total	Ln 30 + Ln 31				
33	C-	Note 1				
34	Total Disconnect Line Orders	Ln 32 + Ln 33, Note 2				ACXI-2, 3, 8
36	Migration As Specified	Line 29, Note 2				ACXI-8

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Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Lines per Order Calculation

Ln	Description	Source	Number of Lines	Number of Orders	Lines per Order	Destination
			A=Source	B=Source	C=A/B	
	Exchange Elements					
37	APC-Basic Change Line/Port Feature	Note 1				ACXI-2, 7
38	APC-Complex Non-digital Change Line/Port Feature	Note 1				ACXI-3, 8
39	APC-Complex Digital Change Line/Port Feature	Note 1				ACXI-3, 9
40	APC-Change Switch Feature Group	Note 3				ACXI- 1..8
41	APC-Change CO Connection	Note 3				ACXI- 1..8
42	APC-Change Facility Connection	Note 3				ACXI- 1..8
43	DBM-Change Switch Feature Group	Note 3				ACXI- 1..8
	Interim Number Portability					
44	New	Ln 5 + Ln 17 + Ln 29				ACXI-4
45	Disconnect	Ln 10 + Ln 22 + Ln 34				ACXI-4
46	Change	Ln 37				ACXI-4
47	**Subloop Unbundling**	Note 3				ACXI-5, 6
48	**Line Sharing**					
49	**Loop Conditioning**	Note 3				ACXI-1,7

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Not included in this filing

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Note 1: Data obtained from NOCV queries.
Note 2: Same number of Lines per Order as New.
Note 3: Lines per order is not a factor of determining cost.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Loop			
Basic			
New			
APC	Note 1		ACXI-1
Disconnect			
APC	Note 1		ACXI-1
Change CO Connection			
APC	Note 1		ACXI-1
Complex Non-digital			
New			
APC	Note 1		ACXI-1
Disconnect			
APC	Note 1	5	ACXI-1
Change CO Connection			
APC	Note 1		ACXI-1
Complex Digital			
New			
APC	Note 1		ACXI-2
Disconnect			
APC	Note 1		ACXI-2
Change CO Connection			
APC	Note 1		ACXI-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Port			
Basic			
New			
APC	ANSC		ACXI-2
Disconnect			
APC	ANSC		ACXI-2
Change Port Feature			
APC	ANSC		ACXI-2
Change CO Connection			
APC	Note 2		ACXI-2
Complex Non-digital		5	
New			
APC	ANSC		ACXI-2
DBM	Note 2		ACXI-2
Disconnect			
APC	ANSC		ACXI-3
DBM	Note 2		ACXI-3
Change Port Feature			
APC	ANSC		ACXI-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Port			
Complex Non-digital			
Change Switch Feature Group			
APC	Note 2		ACXI-3
DBM	Note 2		ACXI-3
Change CO Connection			
APC	Note 2		ACXI-3
Complex Digital			
New			
APC	ANSC		ACXI-3
DBM	Note 2		ACXI-3
Disconnect		5	
APC	ANSC		ACXI-3
DBM	Note 2		ACXI-3
Change Port Feature			
APC	ANSC		ACXI-3
Change Switch Feature Group			
APC	Note 2		ACXI-4
DBM	Note 2		ACXI-4
Change CO Connection			
APC	Note 2		ACXI-4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Interim Number Portability			
New	AFMC		ACXI-4
Disconnect	AFMC		ACXI-4
Change	AFMC		ACXI-4
Subloop Unbundling			
FDI - Feeder Connection			
New			
APC	Note 1		ACXI-5
Disconnect			
APC	Note 1	5	ACXI-5
Change Facility Connection			
APC	Note 1		ACXI-5
FDI - Distribution Connection			
New			
APC	Note 1		ACXI-5
Disconnect			
APC	Note 1		ACXI-5
Change Facility Connection			
APC	Note 1		ACXI-5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Serving Terminal Connection			
New			
APC	Note 1	5	ACXI-6
Disconnect			
APC	Note 1		ACXI-6
Change Facility Connection			
APC	Note 1		ACXI-6
Line Sharing			
CLEC CO Splitter Connection			
Complex Digital			
New			
APC			
Disconnect			
APC			
Change CO Connection			
APC			

Not included in this filing

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Loop Conditioning			
Bridged Tap Removal			
One Occurrence	Note 1		ACXI-7
Multiple Occurrences	Note 1		ACXI-7
Load Coil Removal			
Load Coil Removal Only	Note 1	5	ACXI-7
Combinations			
Bridged Tap (One) and Load Coil Removal	Note 1		ACXI-7
Bridged Tap (Multiple) and Load Coil Removal	Note 1		ACXI-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
UNE - Platform (UNE-Ps)			
Exchange Elements			
Basic			
Migration As Is +/-			
APC- Touches	Note 1		ACXI-7
Change Line Feature			
APC	ANSC		ACXI-7
Complex Non-digital			
Migration As Specified			
APC	Note 1		ACXI-8
DBM	Note 1		ACXI-8
Change Line Feature			
APC	ANSC		ACXI-8
Change Switch Feature Group			
APC	Note 1	5	ACXI-8
DBM	Note 1		ACXI-8
Complex Digital			
Migration As Specified			
APC	Note 1		ACXI-8
DBM	Note 1		ACXI-8
Change Line Feature			
APC	ANSC		ACXI-8
Change Switch Feature Group			
APC	Note 1		ACXI-8
DBM	Note 1		ACXI-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Touches per Touched Order

Description	Source	Touches per Touched Order	Destination
		A=Source	
Other Elements/Services			
Coordinated Conversion			
Process 1			
Standard Interval	Note 1		AOEE
Process 2			
Standard Interval	Note 1		AOEE
Additional Interval	Note 1		AOEE
Process 3			
Standard Interval			AOEE
Additional Interval			AOEE
Hot Cut Coordinated Conversion		**5**	
Process 1			
Standard Interval	Note 1		AOEE
Process 2			
Standard Interval	Note 1		AOEE
Additional Interval	Note 1		AOEE
Process 3			
Standard Interval	Note 1		AOEE
Additional Interval	Note 1		AOEE

Note 1: Data provided by Headquarters APC Subject Matter Expert.
Note 2: Touches per Touched Order data represent proxy data based on Retail/Resale activity.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Loop			
Basic			
New			
APC	Note 1		AINP-1
Disconnect			
APC	Note 1		AINP-1
Change CO Connection			
APC	Note 1		AINP-1
Complex Non-digital			
New			
APC	Note 1		AINP-1
Disconnect			
APC	Note 1	5	AINP-1
Change CO Connection			
APC	Note 1		AINP-1
Complex Digital			
New			
APC	Note 1		AINP-2
Disconnect			
APC	Note 1		AINP-2
Change CO Connection			
APC	Note 1		AINP-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Port			
Basic			
New			
APC	Note 1		AINP-2
Disconnect			
APC	Note 1		AINP-2
Change Port Feature			
APC	ANSC		AINP-2
Change CO Connection			
APC	Note 1		AINP-2
Complex Non-digital		5	
New			
APC	Note 1		AINP-3
DBM	Note 2		AINP-3
Disconnect			
APC	Note 1		AINP-3
DBM	Note 2		AINP-3
Change Port Feature			
APC	ANSC		AINP-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Unbundled Port			
Complex Non-digital			
Change Switch Feature Group			
APC	Note 1		AINP-3
DBM	Note 2		AINP-3
Change CO Connection			
APC	Note 1		AINP-3
Complex Digital			
New			
APC	Note 1		AINP-3
DBM	Note 2		AINP-3
Disconnect		5	
APC	Note 1		AINP-3
DBM	Note 2		AINP-3
Change Port Feature			
APC	ANSC		AINP-4
Change Switch Feature Group			
APC	Note 1		AINP-4
DBM	Note 2		AINP-4
Change CO Connection			
APC	Note 1		AINP-4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Interim Number Portability			
New	Note 3		AINP-4
Disconnect	Note 3		AINP-4
Change	Note 3		AINP-4
Subloop Unbundling			
FDI - Feeder Connection			
New			
APC	Note 1		AINP-5
Disconnect			
APC	Note 1	5	AINP-5
Change Facility Connection			
APC	Note 1		AINP-5
FDI - Distribution Connection			
New			
APC	Note 1		AINP-5
Disconnect			
APC	Note 1		AINP-5
Change Facility Connection			
APC	Note 1		AINP-5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Subloop Unbundling			
Serving Terminal Connection			
New			
APC	Note 1	5	AINP-6
Disconnect			
APC	Note 1		AINP-6
Change Facility Connection			
APC	Note 1		AINP-6
Line Sharing			
CLEC CO Splitter Connection			
Complex Digital			
New			
APC			
Disconnect			
APC			
Change CO Connection			
APC			

Not included in this filing

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Unbundled Network Elements (UNEs)			
Exchange Elements			
Loop Conditioning			
Bridged Tap Removal			
One Occurrence	Note 3		AINP-7
Multiple Occurrences	Note 3		AINP-7
Load Coil Removal			
Load Coil Removal Only	Note 3		AINP-7
Combinations			
Bridged Tap (One) and Load Coil Removal	Note 3		AINP-7
Bridged Tap (Multiple) and Load Coil Removal	Note 3	**5**	AINP-7
Line and Station Transfer			
Vacant			
APC	ANSC		AINP-7
VFAC	AVFC		AINP-7
In-Use			
APC	ANSC		AINP-7
VFAC	AVFC		AINP-7

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
UNE - Platform (UNE-Ps)			
Exchange Elements			
Basic			
Migration As Is +/-			
APC - Change Feature	ANSC	5	AINP-8
APC - Measured Service	Note 4		AINP-8
Change Line Feature			
APC	ANSC		AINP-8
Complex Non-digital			
Migration As Specified			
APC	ANSC		AINP-8
DBM	Note 2		AINP-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
UNE - Platform (UNE-Ps)			
Exchange Elements			
Complex Non-digital			
Change Line Feature			
APC	ANSC		AINP-8
Change Switch Feature Group			
APC	Note 3		AINP-8
DBM	Note 2		AINP-8
Complex Digital			
Migration As Specified			
APC	ANSC	5	AINP-8
DBM	Note 2		AINP-8
Change Line Feature			
APC	ANSC		AINP-8
Change Switch Feature Group			
APC	Note 3		AINP-8
DBM	Note 2		AINP-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Percentage Touched

Description	Source	Percentage Touched	Destination
		A=Source	
Other Elements/Services			
Coordinated Conversion			
Process 1			
Standard Interval	Note 1		AINP-9, AOEE
Process 2			
Standard Interval	Note 1		AINP-9, AOEE
Additional Interval	Note 1		AINP-9, AOEE
Process 3			
Standard Interval			AINP-9, AOEE
Additional Interval			AINP-9, AOEE
Hot Cut Coordinated Conversion		**5**	
Process 1			
Standard Interval	Note 1		AINP-9, AOEE
Process 2			
Standard Interval	Note 1		AINP-9, AOEE
Additional Interval	Note 1		AINP-9, AOEE
Process 3			
Standard Interval			AINP-9, AOEE
Additional Interval			AINP-9, AOEE

Note 1: Percentage touched data represent proxy data based on Retail/Resale activity.
Note 2: DBM handles 100% of Exchange-Complex New and Disconnect orders.
Note 3: Data provided by Headquarters Subject Matter Expert.
Note 4: All Migration As Is +/- orders are touched in order to change to measured service.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC Minutes per Touch

Ln	Description	Source	Quantity	Minutes Per Touch	Destination
			A=Source	B=Source	
	Minutes per Touch				
1	Trouble Tickets Handled	Note 1			
2	Service Order Touches	ANSC			
3	Incoming Call Touches	Note 1			
4	AAIS Rejects	AMSI		5	
5	Total Touches	Sum Lns (1..4)			
6	Total Productive Minutes	AFLC-5			
7	APC Minutes per Touch	Ln6/Ln5			ACXI-1, APRI-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC Minutes per Touch

Ln	Description	Source	Quantity	Minutes Per Touch	Destination
			A=Source	B=Source	
	Coordinated Conversion				
	Process 1				
8	Standard Interval	Note 1			AOEE
	Process 2				
9	Standard Interval	Note 1			AOEE
10	Additional Interval	Note 1			AOEE
	Process 3				
11	Standard Interval				AOEE
12	Additional Interval				AOEE
	Hot Cut Coordinated Conversion			5	
	Process 1				
13	Standard Interval	Note 1			AOEE
	Process 2				
14	Standard Interval	Note 1			AOEE
15	Additional Interval	Note 1			AOEE
	Process 3				
16	Standard Interval				AOEE
17	Additional Interval				AOEE

Note 1: Data provided by APC senior supervisors.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
VFAC- Work Times

Description	Source	Minutes per Touch	Touches Per Touched Order	LLR Per Minute	Probability of Occurrence	Destination
		A=Note 1	B=Note 1	C=ALLR	D=Note 1	
VFAC						
Assignment Clerk		5				AMPU-6, AINP-7, PRC-6

Note 1: Data provided by VFAC Subject Matter Expert.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC LLR Computation

Ln	Description	Source	Productive Hours	Productive Minutes	LLR per Minute	Extended Group Cost	Weighted LLR per Minute	Destination
			A=Note 1	B=A*60	C=ALLR-2	D=B*C	E=D/B	
	Lakeland, FL							
1	Select Assignment							
2	Pending Order Inquiry							
3	Help Desk							
4	SPAG							
5	OMT							
6	Due Date Management							
7	Provisioning Support							
8	Path Assignment							
9	Admin Support Clerk							
10	APC Total						**5**	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC LLR Computation

Ln	Description	Source	Productive Hours	Productive Minutes	LLR per Minute	Extended Group Cost	Weighted LLR per Minute	Destination
			A=Note 1	B=A*60	C=ALLR-2	D=B*C	E=D/B	
	Tampa, FL							
11	Select Assignment							
12	Pending Order Inquiry							
13	Help Desk							
14	SPAG							
15	OMT							
16	Due Date Management							
17	Provisioning Support							
18	Path Assignment							
19	Admin Support Clerk							
20	APC Total							
							5	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC LLR Computation

Ln	Description	Source	Productive Hours	Productive Minutes	LLR per Minute	Extended Group Cost	Weighted LLR per Minute	Destination
			A=Note 1	B=A*60	C=ALLR-2	D=B*C	E=D/B	
	Clearwater, FL							
21	Select Assignment							
22	Pending Order Inquiry							
23	Help Desk							
24	SPAG							
25	OMT							
26	Due Date Management							
27	Provisioning Support							
28	Path Assignment							
29	Admin Support Clerk							
30	APC Total						**5**	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC LLR Computation

Ln	Description	Source	Productive Hours	Productive Minutes	LLR per Minute	Extended Group Cost	Weighted LLR per Minute	Destination
			A=Note 1	B=A*60	C=ALLR-2	D=B*C	E=D/B	
	Bradenton, FL							
31	Select Assignment							
32	Pending Order Inquiry							
33	Help Desk							
34	SPAG							
35	OMT							
36	Due Date Management							
37	Provisioning Support							
38	Path Assignment							
39	Admin Support Clerk							
40	APC Total							
							5	

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC LLR Computation

Ln	Description	Source	Productive Hours	Productive Minutes	LLR per Minute	Extended Group Cost	Weighted LLR per Minute	Destination
			A=Note 1	B=A*60	C=ALLR-2	D=B*C	E=D/B	
	APC Total							
41	Lakeland, FL	Ln 10						
42	Tampa, FL	Ln 20						
43	Clearwater, FL	Ln 30						
44	Bradenton, FL	Ln 40						
45	Total	Sum Lns (41..44)						AMPT-1
46	APC LLR	D45/B45						AINP-1, 9, APRI-1, 3, 6, APLC-4

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Note 1: APC hours provided by APC senior supervisors.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
APC Interim Number Portability Calculation

Ln	Description	Source	Touches	Destination
			A=Source	
	Exchange Elements			
	Interim Number Portability			
1	Provisioning - Touch	Note 1		
2	AAIS Rejects	AMSI	5	
3	Total Touches	Ln 1 + Ln 2		ASME- 4

Note 1: Data provided by Headquarters APC Subject Matter Expert.

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Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
AAIS Rejects Calculation

Ln	Description	Source	Quantity	Reject Percentage	Destination
			A=Source	B=Source	
1	**AAIS Rejects**	Note 1			AMPT-1
2	**Total Orders**	ANSC	**5**		
3	**AAIS Reject Percent**	Ln 1/Ln 2			AFMC

Note 1: Data obtained from Headquarters Staff Personnel.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
DBM Time Calculation

Ln	Description	Source	Work Minutes	Destination
			A=Note 1	
	New, Change, and Migration as Specified Orders			
1	Assign Order to DBM Analyst			
2	Validation and research			
3	Build Order			
4	Load Order into the Switch			
5	Route and Test Order			
6	Total	Sum Lns (1..5)	5	ACXI-1
	Disconnect Orders			
7	Assign Order to DBM Analyst			
8	Validation and research			
9	Build Order			
10	Load Order into the Switch			
11	Clear Order			
12	Total	Sum Lns (7..11)		ACXI-1

Note 1: Data provided by Database Management Subject Matter Experts.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning- Exchange Elements
NOCV Touches Summary

Ln	Description	Source	Percentage of Total	Total Touches	Percentage of Total	Touched Orders	Percentage of Total	Dispatched Orders	Percentage of Total	Exchange Orders	Percentage of Orders Touched	Touches per Touched Order	Destination
			A=Source	B=A*(Ln 10 B)	C=Source	D=C*(Ln 10 D)	E=Source	F=E*(Ln 10 F)	G=Source	H=G*(Ln 10 H)	I=D/H	J=B/D	
	Basic												
1	New	ASID-1											ASME-2, 7, APCT-7
2	Change	ASID-1											ASME-2, 7, APCT-2, 7
3	Disconnect	ASID-1											ASME-2, 7, APCT-7
	Complex												
	Non-digital												
4	New	ASID-2											ASME-2, 7, APCT-7
5	Change	ASID-2											ASME-2, 8, APCT-2, 8
6	Disconnect	ASID-2											ASME-2, 7, APCT-7
	Digital												
7	New	ASID-2											ASME-3, 8, APCT-8
8	Change	ASID-2											ASME-3, 8, APCT-3, 8
9	Disconnect	ASID-2											ASME-3, 8, APCT-8
10	NOCV Touches	ANVI											AMPT-1
11	NOCV Orders	ANVI											AM[illegible]

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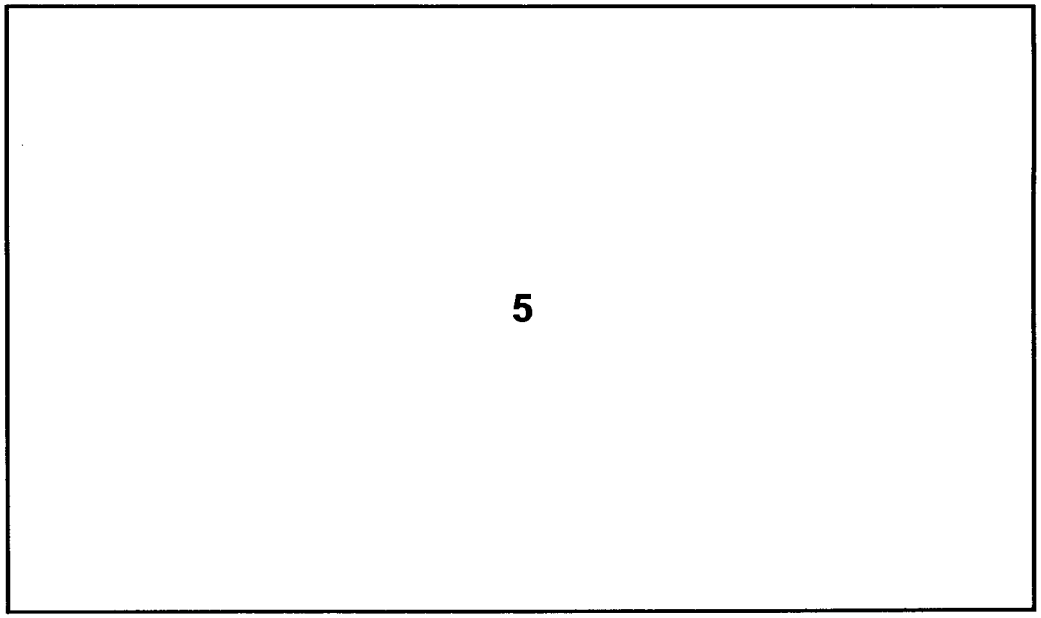
Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
DBM LLR Computation

Ln	Description	Source	DBM Site State	Number of Employees per Switch	LLR per Minute	Total LLR per Minute	Weighted LLR by Switch	Switch Percentage by Number of Lines	Weighted LLR per Minute	Destination
			A=Note 1	B=Note 1	C=ALLR-2	D=B*C	E=D/B	F=Note 2	G=E*F	
	Switch Type									
	5ESS									
1	Level 4									
2	Level 5									
3	Level 6									
4	Level 7									
5	Total	Sum Lns (1..4)								
	DMS100									
6	Level 4									
7	Level 5									
8	Level 6									
9	Level 7									
10	Total	Sum Lns (6..9)								
	GTD5									
11	Level 4									
12	Level 5									
13	Level 6									
14	Level 7									
15	Total	Sum Lns (11..14)								
16	Total LLR	Ln 5 + Ln 10 + Ln 15								AINP-1, APRI-3



Note 1: Data provided by DBM Staff Personnel.
Note 2: Data obtained from Central Office Activity report.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Distribution of Service Orders by Type

Ln	Description	Touches	Percentage of Total	Touched	Percentage of Total	Dispatched	Percentage of Total	Total Orders	Percentage of Total	Destination
		A=Note 1	B=A/A Ln 35	C=Note 1	D=C/C Ln 35	E=Note 1	F=E/E Ln 35	G=Note 1	H=G/G Ln 35	
	Basic									
	New									
1	MLH - I									
2	POTS - I									
3	Rural - I									
4	MLH - M+									
5	POTS - M+									
6	Rural - M+									
7	Total									ANSC
	Change									
8	MLH - C									
9	POTS - C				5					
10	Rural - C									
11	Total									ANSC
	Disconnect									
12	MLH - O									
13	POTS - O									
14	Rural - O									
15	MLH - M-									
16	POTS - M-									
17	Rural - M-									
18	Total									ANSC

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
Distribution of Service Orders by Type

Ln	Description	Touches	Percentage of Total	Touched	Percentage of Total	Dispatched	Percentage of Total	Total Orders	Percentage of Total	Destination
		A=Note 1	B=A/A Ln 35	C=Note 1	D=C/C Ln 35	E=Note 1	F=E/E Ln 35	G=Note 1	H=G/G Ln 35	
	Complex									
	Non-digital									
	New									
19	CentraNet - I									
20	CentraNet - M+									
21	Total									ANSC
	Change									
22	CentraNet - C									
23	Total									ANSC
	Disconnect									
24	CentraNet - O									
25	CentraNet - M-									
26	Total									ANSC
	Digital									
	New									
27	ISDN - I									
28	ISDN - M+									
29	Total									ANSC
	Change									
30	ISDN - C									
31	Total									ANSC
	Disconnect									
32	ISDN - O									
33	ISDN - M-									
34	Total									ANSC
35	Grand Total									

5

Note 1: Data obtained from Touches Versus Orders by Line Type Report.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Exchange Elements
NOCV Volumes

Description	Dispatched	Total	Destination
	A=Note 1	B=Note 1	
Total Orders	5		ANSC
Touched (Manual) Orders			ANSC
APC Touches			ANSC

Note 1: Data obtained from NOCV APC Touches per Order Report.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4	
Unbundled Network Elements (UNEs)					
Service Order Entry					
Non-Message	APMC-1				PRC-8..13
Facility Assignment					
Hi-Cap Prework	APMC-1				PRC-8..13
Local Loop Assignment					
Advanced/Special Elements					
Basic					
New	ALLA-1				PRC-8..13
	AFLC-5				
Disconnect	ALLA-1				PRC-8..13
	AFLC-5		5		
Complex					
DS0					
New	ALLA-1				PRC-8..13
	AFLC-5				
Disconnect	ALLA-1				PRC-8..13
	AFLC-5				
Hi-Cap					
New	APLC-4				PRC-8..13
Disconnect	ALLA-2				PRC-8..13
	AFLC-5				

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4	
Unbundled Network Elements (UNEs)					
Design Group					
DS0					
Basic	APMC-1				PRC-8..13
Complex	APMC-1				PRC-8..13
Hi-Cap					
Complex	APMC-1				PRC-8..13
Testing	ATMC		5		PRC-8..13
Admin					
Non-Message	APMC-1				PRC-8..13
	AEXP				PRC-8..13
Expedites	AEXP				PRC-8..13
Dispatch	ADSP				PRC-8..13

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4	
UNE-Ports					
Service Order Entry					
Non-Message (UNE-Ps and Ports)	APMC-1				PRC-8..13
Facility Assignment					
Hi-Cap Prework	APMC-1				PRC-8..13
Local Loop Assignment					
Complex					
DS0					
New	ALLA-1				PRC-8..13
	AFLC-5				
Disconnect	ALLA-1				PRC-8..13
	AFLC-5				
Hi-Cap			5		
New	APLC-4				PRC-8..13
Disconnect	ALLA-2				PRC-8..13
	AFLC-5				
Switch Update					
APC	AMPT-1				PRC-8..13
	AFLC-5				PRC-8..13
Database Management					
New (Ports Only)	ADMC				PRC-8..13
	ADLC-1				PRC-8..13
Disconnect (Ports Only)	ADMC				PRC-8..13
	ADLC-1				PRC-8..13

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4	
UNE-Ports					
Design Group					
DS0					
Complex	APMC-1	5			PRC-8..13
Hi-Cap					
Complex	APMC-1				PRC-8..13
Testing	ATMC				PRC-8..13
Admin					
Non-Message (UNE-Ps and Ports)	APMC-2				PRC-8..13
	AEXP				PRC-8..13

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4, Source	
Network Wholesale Elements, SS7 and EELs					
Database Management - Work Control Center	APMC-2				PRC-14..28
	AEXP				
Expedites					
Trunk Ports	AEXP				
Service Order Entry					
Non-Message	APMC-2				PRC-14..28
			5		
Message	APMC-2				PRC-14..28
Facility Assignment					
Hi-Cap Prework					
Dedicated Transport					
DS0 and Fractional T-1	APMC-2				PRC-14..28
DS1 and Higher	APMC-2				PRC-14..28

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4, Source	
Network Wholesale Elements, SS7 and EELs					
Facility Assignment					
Local Loop Assignment					
Dedicated Transport					
DS0 and Fractional T-1					
New					
DS0	ALLA-1				PRC-14..28
	AFLC-5				PRC-14..28
Hi-Cap	APLC-4				PRC-14..28
Disconnect	ALLA-1				PRC-14..28
	AFLC-5				PRC-14..28
DS1 and Higher					
New	APLC-4				PRC-14..28
Disconnect	ALLA-2				PRC-14..28
	AFLC-5				PRC-14..28
Design Group					
DS0					
Trunk Ports	APMC-2				PRC-14..28
Dedicated Transport					
DS0 and Fractional T-1	APMC-2				PRC-14..28

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4, Source	
Network Wholesale Elements, SS7 and EELs					
Design Group					
Hi-Cap					
Dedicated Transport					
DS1 and Higher	APMC-2				PRC-14..28
Message					
Trunk Ports	APMC-2				PRC-14..28
Access					
Dark Fiber					
Exchange Facilities	ADFC				PRC-14..28
Inter-office Facilities	ADFC				PRC-14..28
Network					
Dark Fiber Inter-office Facilities	ADFC				PRC-14..28
Switch Update					
Database Management					
Trunk Ports					
Facilities and Trunk					
New	ADMC				PRC-14..28
	ADLC				PRC-14..28
Disconnect	ADMC				PRC-14..28
	ADLC				PRC-14..28
Change w/Engineering Review	ADMC				PRC-14..28
	ADLC				PRC-14..28
Change w/o Engineering Review	ADMC				PRC-14..28
	ADLC				PRC-14..28
			5		

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Appendix Summary

Description	Source	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	Destination
		A=Source	B=APOP-1..6	C=APLC-1..4, Source	
Network Wholesale Elements, SS7 and EELs					
Switch Update					
Database Management					
Trunk Ports					
Trunk Only					
New	ADMC				PRC-14..28
	ADLC				PRC-14..28
Disconnect	ADMC				PRC-14..28
	ADLC				PRC-14..28
Change w/Engineering Review	ADMC				PRC-14..28
	ADLC				PRC-14..28
Change w/o Engineering Review	ADMC				PRC-14..28
	ADLC				PRC-14..28
Expedite	ADMC				
	ADLC				
Central Office Testing	ADMC				PRC-14..28
	ADLC				PRC-14..28
Testing	ATMC			5	PRC-14..28
Dispatch	ADSP				PRC-14..28
Admin					
Non-Message	APMC-2				PRC-14..28
	AEXP				PRC-14..28
Expedites	AEXP				
Message	APMC-2				PRC-14..28
	AEXP				PRC-14..28
Multiplexing	APMC-2				PRC-14..28

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Work Time Calculations

Description	Source	Productive Minutes	Circuits/Orders	Minutes per Occurrence	Destination
		A=Source	B=Source	C=A/B	
Unbundled Network Elements (UNEs) and UNE-Ps					
Service Order Entry (Initial line only)					
Non-Message	APLC-1				
	APOC-3				APRI-1, 3
Admin (Initial line only)					
Non-Message	AEXP-1				
	APOC-5				APRI-2
Facility Assignment					
Hi-Cap Prework	APLC-4		5		
	APOC-1				APRI-1, 3
Design Group					
DS0	APLC-1				
	APOC-2				APRI-2, 4
Hi-Cap	APLC-1				
	APOC-2				APRI-2, 4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Work Time Calculations

Description	Source	Productive Minutes	Orders	Minutes per Occurrence	Destination
		A=Source	B=Source	C=A/B	
Network Wholesale Elements					
Database Management - Work Control Center	AEXP-1				
	APOC-3				APRI-5
Service Order Entry					
Non-Message	APLC-1				
	APOC-3				APRI-5
Message	APLC-1				
	APOC-3				APRI-5
Facility Assignment					
Hi-Cap Prework	APLC-4				
	APOC-3				APRI-5
Design Group					
DS0	APLC-1				
	APOC-4	5			APRI-6
Hi-Cap	APLC-1				
	APOC-4				APRI-7
Message	APLC-2				
	APOC-4				APRI-7
Admin					
Non-Message	AEXP-1				
	APOC-5				APRI-8
Message	APLC-3				
	APOC-5				APRI-8
Multiplexing					APRI-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Testing - Work Times

Ln	Description	Source	Productive Minutes	Orders	Circuits	Ratio of Orders to Circuits	Minutes per Occurrence	Destination
			A=Source	B=Source	C=APOC-2	D=B Ln6/C Ln6	E=A Ln1/B Ln2	
1	**Testing**	APLC-3						
2		APOC-2						APRI-8
	Order and Circuit Data							
3	Basic	APOC-5						
4	Complex	APOC-5						
5	Hi-Cap	APOC-5						
6	Totals	Sum Lns (3..5)				5		
7	Minutes per Circuit	E Ln 2*D Ln 6, Note 1						APRI-2, 4

Note 1: As the costs for UNEs and UNE-Platforms are on a per Circuit basis, it is necessary to take the original calculation, done on a per Order basis, and convert to a per circuit figure by applying a ratio of Orders to Circuits.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
DBM - Work Times

Description	Work Minutes per Order	Work Minutes per Circuit	Destination
	A=Note 1	B=Note 1	
UNE-Ports			
Switch Update			
New	5		APRI-3
Disconnect			APRI-3
Network Wholesale Elements			
Trunk Ports (SS7)			
Facilities and Trunks			
New			APRI-7
Disconnect			APRI-7
Change w/Engineering Review			APRI-7
Change w/o Engineering Review			APRI-7
Trunk Only			
New			APRI-8
Disconnect			APRI-8
Change w/Engineering Review			APRI-8
Change w/o Engineering Review			APRI-8
Central Office Testing			APRI-8
Expedites			APRI-8

Note 1: The work times were provided by DBM Supervisors and Staff Support.

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Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Dispatch - Work Times

Ln	Description	Source	Work Minutes per Order	LLR Per Minute	Probability of Occurrence	Destination
			A=Note 1	B=ALLR 2	C=Note 2	
	Dispatch					
	LBSC					
1	Business Disptach Specialist		5			APRI-2,8
	DRC					
2	Dispatcher					AINP-1
3	General Clerk					
4	Average Loaded Labor Rate	(Ln 2+Ln3)/2				AINP-1

Note 1: The work times were provided by Dispatch Supervisors and Staff Support.
Note 2: The DRC and LBSC group dispatches all routed orders, therefore the percent is 100%.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Weighted Loaded Labor Rate Calculation

Ln	Description	Source	Productive Minutes	LLR per Minute	Total Productive Cost	Weighted LLR per Minute	Destination
			A=Source	B=ALLR-2, Source	C=A*B	D=C/A	
	Service Order Entry						
	Non-Message						
1	Facility Clerk	Note 1					
2	Design Tech	Note 1					
3	**Total**	Ln 1+Ln 2					APMC-1, 2 APRI-1, 3, 5
	Message						
4	Facility Clerk	Note 1					
5	Design Tech	Note 1					
6	**Total**	Ln 4+Ln 5					APMC-2 APRI-5
	Design Group						
	DS0						
7	Facility Clerk	Note 1					
8	Admin Support Clerk	Note 1					
9	Design Technician	Note 1					
10	Business Response Specialist	Note 1					
11	**Total**	Sum Lns (7..10)					APMC-1, 2 APRI-2, 4, 6
	Hi-Cap						
12	Facility Clerk	Note 1					
13	Admin Support Clerk	Note 1					
14	Design Technician	Note 1					
15	Business Response Specialist	Note 1					
16	**Total**	Sum Lns (12..15)					APMC-1, 2 APRI-2, 4, 7

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Weighted Loaded Labor Rate Calculation

Ln	Description	Source	Productive Minutes	LLR per Minute	Total Productive Cost	Weighted LLR per Minute	Destination
			A=Source	B=ALLR-2, Source	C=A*B	D=C/A	
	Design Group						
	Message						
17	Facility Clerk	Note 1					
18	Admin Support Clerk	Note 1					
19	Design Technician	Note 1					
20	Business Response Specialist	Note 1					
21	**Total**	Sum Lns (17..20)					APMC-2 APRI-7
	Access						
	Dark Fiber						
	Preordering						
	Exchange Facilities						
22	OSP Engineer	ADFC					
23	Construction Splicer	ADFC					
24	**Total**	Ln 22+Ln 23					APRI-2
	Inter-office Facilities						
25	OSP Engineer	ADFC					
26	Construction Splicer	ADFC					
27	**Total**	Ln 25+Ln 26					APRI-2
	Network						
28	OSP Engineer	ADFC					
29	Construction Splicer	ADFC					
30	**Total**	Ln 28+Ln 29					APRI-2

5

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Weighted Loaded Labor Rate Calculation

Ln	Description	Source	Productive Minutes	LLR per Minute	Total Productive Cost	Weighted LLR per Minute	Destination
			A=Source	B=ALLR-2, Source	C=A*B	D=C/A	
	Testing						
31	BRPC Tester	Note 1					ATMC,APRI-2, 4, 8
	Admin						
	Message						
32	Facility Clerk	Note 1		5			
33	Additional Job Title						
34	**Total**	Ln 34+Ln 35					APMC-2 APRI-2, 8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Weighted Loaded Labor Rate Calculation

Ln	Description	Source	Productive Minutes	LLR per Minute	Total Productive Cost	Weighted LLR per Minute	Destination
			A=Source	B=ALLR-2, Source	C=A*B	D=C/A	
	Facility Assignment						
	Hi-Cap Prework						
35	Facility Clerk	Note 1					
36	Assignor						
37	**Total**	Ln 37+Ln 38					APMC-1, 2 APRI-1, 3, 5
	Local Loop Assignment						
	Advanced/Special Elements						
	Complex Hi-Cap						
	New						
38	OSP Engineer	ALLA-2					
39	Switch Elements Tech	ALLA-2					
40	Service Representative	ALLA-2 AFLC-5					
41	**Total**	Sum Lns (38..40)					APRI-1, 3, 6 APRI-1, 3, 6
				5			

Note 1: The productive minutes were provided by the BRPC Group Supervisors.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Dark Fiber - Work Times

Ln	Description	Source	Productive Minutes	Destination
			A=Note 1	
	Dark Fiber			
	Preordering			
	Exchange Facilities			
	Design Group			
	Access			
1	OSP Engineer			APLC-2
2	Construction Splicer			APLC-2
3	Total	Ln 1+Ln 2		APRI-2
	Inter-office Facilities			
	Design Group			
	Access			
4	OSP Engineer		5	APLC-2
5	Construction Splicer			APLC-2
6	Total	Ln 4+Ln 5		APRI-2
	Network			
7	OSP Engineer			APLC-2
8	Construction Splicer			APLC-2
9	Total	Ln 7+Ln 8		APRI-2

Note 1: The work times listed were provided by Engineering Supervisors and Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Local Loop Assignment Work Times

Ln	Description	Source	Job Title	Work Minutes	Destination
				A=Note 1	
	Facility Assignment				
	Local Loop Assignment				
	Advanced/Special Elements				
	Basic and Complex DS0				
	New				
1	Determine Loop Assignment and Loop Make-up request				
2	Determine customer's serving terminal and cable count at terminal				
3	Determine vacant pairs for service order				
4	Determine the loop make-up of the cable pair facilities serving the customer				
5	Update/Initialize the service order in the system				
6	Enter facilities assignment and complete status in system				
7	Total	Sum Lns (1..6)		5	APRI-1, 3, 6
	Disconnect				
8	Determine disconnect request				
9	Recover cable pairs, note conditioning				
10	Total	Ln 8+Ln 9			APRI-1, 3, 6

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Local Loop Assignment Work Times

Ln	Description	Source	Job Title	Work Minutes	Destination
				A=Note 1	
	Facility Assignment				
	Local Loop Assignment				
	Advanced/Special Elements				
	Complex Hi-Cap				
	New				
11	Determine Loop Assignment and Loop Make-up request				
12	Determine customer's serving terminal and cable count at terminal				
13	Determine vacant pairs for service order				
14	Determine the loop make-up of the cable pair facilities serving the customer				
15	Reserve cable pair facilities in system				
16	Enter facilities assignment and complete status in system				
17	Subtotal	Sum Lns (11..16)			APLC-4
18	Test circuit conditioning in field			5	APLC-4
19	Update/Initialize the service order in the system				APLC-4
20	Total	Sum Lns (17..19)			
	Disconnect				
21	Determine disconnect request				
22	Recover cable pairs, note conditioning				
23	Total	Sum Lns (21..23)			APRI-1, 3, 6

Note 1: The work times listed were provided by APC and Outside Plant Engineering personnel.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Admin and DBM-WCC Productive Minutes and LLRs

Ln	Description	Source	Minutes per Expedites	Number of Expedites	Productive Minutes	LLR per Minute	Total Productive Cost	Weighted LLR per Minute	Destination
			A=Source	B=Source	C=Source	D=ALLR-2	E=C*D	F=E/C	
	Admin								
	Non-Message								
1	Facility Clerk	Note 1							
2	Additional Job Title								
3	Subtotal	Ln 1+Ln 2							APRI-2, 4, 8
	Expedites								
4	Minutes per Expedite	Note 2							APRI-2,8
5	Number of Expedites	Note 3							
6	Productive Time - Expedites	Ln 4*Ln 5							
7	Total Productive Time less Expedites	Ln 3-Ln 6							APMC-1, 2
	Database Management - Work Control Center								
8	Database Admin								
9	Additional Job Title								
10	Subtotal	Ln 8+Ln 9							APRI-5
	Expedites								
11	Minutes per Expedite	Note 2							
12	Number of Expedites	Note 3							
13	Productive Time - Expedites	Ln 11*Ln 12							
14	Total Productive Time less Expedites	Ln 10-Ln 13							APMC-2

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Note 1: The productive minutes were provided by the Group Supervisors.
Note 2: The work times were provided by the Group Supervisor.
Note 3: The expedites counts were extracted from the TBS system.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Circuits	Probability of Occurrence	Destination
			A=APOC-1,2	B=Source	
	Unbundled Network Elements (UNEs) and UNE-Platforms				
	Advanced/Special Elements				
	Service Order Entry				
1	Non-message	Note 1			APRI-1, 3
	Facility Assignment				
2	Local Loop Assignment				
	Basic	Note 17			APRI-1
	Complex				
3	Complex (DS0) circuits requiring Assignment	Ln 3/Ln 5			APRI-1, 3
4	Complex (Hi-Cap) circuits requiring Assignment	Ln 4/Ln 5			APRI-1
5	Total	Ln 3+Ln 4	5		
	Hi-Cap Prework				
6	Complex (Hi-Cap)	Ln 4			APRI-1, 3
	Switch Update				
	APC				
	Basic				
7	Total Basic (DS0) circuits				
8	Basic (DS0) circuits requiring Switch Update	Ln 8/Ln 7			APRI-3

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Circuits	Probability of Occurrence	Destination
			A=APOC-1,2	B=Source	
	Unbundled Network Elements (UNEs) and UNE-Platforms				
	Advanced/Special Elements				
	Switch Update				
	Database Management				
	Complex				
9	Complex (DS0) circuits requiring Switch Update	Ln 9/Ln 10			APRI-3
10	Complex (Total) circuits Issued				
	Design Group				
	DS0				
11	Basic	Note 2			APRI-2
	Complex				
12	Complex (DS0) circuits requiring Design	Ln 12/Ln 14			APRI-2, 4
13	Complex (Hi-Cap) circuits requiring Design	Ln 13/Ln 14			
14	Total	Sum Lns (12..13)			
	Hi-Cap		5		
15	Complex	Ln 13			APRI-2, 4
	Dark Fiber				
16	Exchange Facilities	Note 18			APRI-2
17	Inter-office Facilities	Note 18			APRI-2
	Access				
	Dark Fiber				
18	Exchange Facilities	Note 18			APRI-2
19	Inter-office Facilities	Note 18			APRI-2
	Network				
20	Dark Fiber Inter-office Facilities	Note 18			APRI-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Circuits	Probability of Occurrence	Destination
			A=APOC-1,2	B=Source	
	Unbundled Network Elements (UNEs) and UNE-Platforms				
	Advanced/Special Elements				
	Testing				
21	Basic	Note 3	5		APRI-2
22	Complex	Note 4			APRI-4
	Admin				
23	Non-message	Note 5			APRI-2, 4

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Orders	Probability of Occurrence	Destination
			A=APOC-3	B=Source	
	Network Wholesale Elements				
	Database Management - Work Control Center				
24	Trunk Ports	Note 6			APRI-5
	Service Order Entry				
	Non-message				
25	Trunk Ports and Dedicated Transport	Note 7			APRI-5
	Message				
26	Trunk Ports	Note 7			APRI-5
	Facility Assignment				
	Local Loop Assignment				
	Dedicated Transport				
	DS0 and Fractional T-1				
27	DS0	Ln 27/Ln 29			APRI-6
28	Fractional T-1	Ln 28/Ln 29			APRI-6
29	Total	Sum Lns (27..28)			APRI-6
30	DS1 and Higher	Note 8			APRI-6
	Hi-Cap Prework				
	Dedicated Transport				
31	DS0 and Fractional T-1	Ln 28			APRI-5
32	DS1 and Higher	Note 8			APRI-5
			5		

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Orders	Probability of Occurrence	Destination
			A=APOC-3	B=Source	
	Network Wholesale Elements				
	Design Group				
	DS0				
33	Trunk Ports	Note 9			APRI-6
	Dedicated Transport				
34	DS0 and Fractional T-1	Note 9			APRI-6
	Hi-Cap				
	Dedicated Transport				
35	DS1 and Higher	Note 10			APRI-6,7
	Message				
36	Trunk Ports	Note 11	5		APRI-7
	Database Management				
	DBM				
37	Trunk Ports	Note 12			APRI-7
	Central Office - Call through Testing				
38	Trunk Ports	Note 13			APRI-8
39	**Testing**	Note 14			APRI-8

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Percentages

Ln	Description	Source	Orders	Probability of Occurrence	Destination
			A=APOC-3	B=Source	
	Unbundled Network Elements (UNEs) and UNE-Platforms				
	Admin				
40	Non-Message	Note 15	5		APRI-8
41	Message	Note 16			APRI-8

Note 1: The Service Order Entry clerks work on all service orders.
Note 2: All Basic orders are worked by the DS0 designers.
Note 3: All Basic New and Migration As Specified orders require testing.
Note 4: All Complex New orders require testing.
Note 5: All Non-message service orders are completed and monitored by the Administration group.
Note 6: The DBM-WCC works every trunk port order, thus the percent is 100%.
Note 7: The Service Order Entry clerks work all orders except Change orders without Engineering Review, therefore the percent is 100%. Change orders without Engineering Review are translation orders and require only DBM provisioning.
Note 8: Hi-Cap Prework and Local Loop Assignment work all Hi-Cap new orders, therefore the percent is 100%.
Note 9: The DS0 designers work all Trunk Port New, Change with Engineering Review and Dedicated Transport - IDT/CDT, DS0 and Fractional T-1 orders, therefore the percent is 100%.
Note 10: The Hi-Cap designers work all DS1 level Dedicated Transport - IDT/CDT, DS1and higher orders, therefore the percent is 100%.
Note 11: The Message designers work all Trunk Port orders except Change without Engineering Review, therefore the percent is 100%.
Note 12: The DBM group works all Trunk Port orders, therefore the percent is 100%.
Note 13: Central Office Technicians perform call-through testing for all Trunk Port orders except disconnect orders, therefore the percent is 100%.
Note 14: The Testing group works all new Trunk Port orders except Trunk Only orders, therefore the percent is 100%.
Note 15: The Non-Message Admin group works all Trunk Port - Facilities and Trunks new and disconnect orders, therefore the percent is 100%.
Note 16: The Message Admin group works all Trunk Port orders, therefore the percent is 100%.
Note 17: All Basic orders require assignment by the APC, therefore the percent is 100%
Note 18: All Dark Fiber orders require design work, therefore the percent is 100%.

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Counts

Ln	Description	Source	Circuits	Destination
			A=Note 1	
	Unbundled Network Elements (UNEs) and UNE-Platforms			
	Facility Assignment			
	Hi-Cap Prework and Outside Plant Engineering			
	Complex Circuits (LLAM Date)			
1	Complex DS0 requiring Asignment			APOP-1
2	Complex Hi-Cap requiring Assignment			APOP-1, APMC-1
	Switch Update			
	APC			
	Basic DS0 Circuits (LLAM Date)			
3	Basic DS0 requiring Switch Update			APOP-1
4	Total Basic DS0 Circuits		5	APOP-1
	Database Management			
5	Complex DS0 Circuits requiring Switch Update			APOP-2
	Complex Circuits (Issue Date)			
6	Complex DS0			
7	Complex Hi-Cap			
8	Total	Ln 7+Ln 8		APOP-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Counts

Ln	Description	Source	Circuits	Destination
			A=Note 1	
	Unbundled Network Elements (UNEs) and UNE-Platforms			
	Design Group			
	DS0 and Hi-Cap Design			
	DS0 Circuits (Design Date)			
9	Basic			APOP-2
10	Complex			APMC-1
11	Total	Ln 10+Ln 11		
12	Total Hi-Cap Circuits (Design Date)			APOP-2, APMC-1
	Testing		5	
13	Total Orders requiring Testing			ATMC
	Circuit Data (Plant Test Date)			
14	Basic			ATMC
15	Complex			ATMC
16	Hi-Cap			ATMC

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Counts

Ln	Description	Source	Orders	Destination
			A=Note 1	
	Network Wholesale Elements			
	Database Management - Work Control Center			
17	Number of ASRs touched			APMC-2
	Service Order Entry Group			
	Non-Message Order Entry			
	Non-Message Orders (Issue Date)			
18	Basic DS0			
19	Complex DS0			
20	Hi-Cap			
21	Total	Sum Lns (18..20)		APMC-1, 2
	Message Order Entry			
22	Message Orders		5	APMC-2
	Facility Assignment			
	Hi-Cap Prework and Outside Plant Engineering			
	Complex Orders (LLAM Date)			
23	Complex DS0 Orders requiring Asignment			
24	Complex Hi-Cap orders requiring Assignment			APMC-2
25	Total	Ln 25+Ln 26		
	Dedicated Transport-IDT/CDT Orders, DS0 and Fractional T-1 (Issue Date)			
26	Telcordia Code YG (Frame Relay DS0)			APOP-4
27	Telcordia Code DK (Fractional T-1)			APOP-4
28	Total	Ln 28+Ln 29		

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Counts

Ln	Description	Source	Orders	Destination
			A=Note 1	
	Network Wholesale Elements			
	Design Group			
	DS0 and Hi-Cap Design			
	DS0 Orders (Design Date)			
29	Basic			
30	Complex			
31	Total	Ln 31+Ln 32		APMC-2
32	Total Hi-Cap Orders (Design Date)		5	APMC-2
	Trunk Ports Orders			
33	Trunks and Facilities			
34	Trunk Only			
35	Change w/Engineering Review			
36	Total	Sum Lns (33..35)		AMPC-2

Verizon - Florida
Wholesale Non-recurring Study
Provisioning - Advanced/Special Elements
Orders and Circuits - Counts

Ln	Description	Source	Orders	Destination
			A=Note 1	
	Network Wholesale Elements			
	Testing			
	Order Data (Plant Test Date)			
37	Basic DS0			ATMC
38	Complex DS0			ATMC
39	Hi-Cap			ATMC
40	Total	Sum Lns (37..39)		
	Admin			
	Non-Message Clerks			
	Non-Message Orders (Completion Date)		5	
41	Basic DS0 Orders			
42	Complex DS0 Orders			
43	Complex Hi-Cap Orders			
44	Total	Sum Lns (41..43)		APMC-1, 2
	Message Clerks			
45	Message Orders			APMC-2

Note 1: The Circuit and Order counts were extracted from TBS data.

A3- FIELD WORK

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Exhibits - Field Work by Page

	Exhibit Name	Page
Appendix Summary - Unbundled Loop and Port, UNE-Ps	AINS	1
Appendix Summary - Subloop	AINS	5
Appendix Summary - Line Sharing	AINS	7
Appendix Summary - Loop Conditioning	AINS	9
Appendix Summary - Line and Station Transfer	AINS	11
Appendix Summary - NID, Conversions and Expedites	AINS	12
Appendix Summary - Dedicated Transport	AINS	15
Appendix Summary - SS7	AINS	16
Appendix Summary - Dark Fiber	AINS	17
Probability of Dispatch - Field Installation	ADSP	18
Subloop Activity Summary - Field Installation	ASBL	19
Subloop Activity Summary II - Field Installation	ASBL	21
Subloop Order Summary - Field Installation	ASBL	23
Unbundled Loop Order Summary - Field Installation	AOSM	25
Line Sharing Jumper Summary - Central Office	ALSH	28
Loop Conditioning - Work Times (Bridged Tap Removal)	ACBT	30
Loop Conditioning - Work Times (Load Coil Removal)	ACLC	32
Line and Station Transfer Summary - Central Office	ATCO	34
Coordinated Conversion and Hot Cut Coordinated Conversion - Minutes per Activity	ACCC	35
House and Riser - Field Work (Jumper Summary)	AUHR	37
Inter-office Dedicated Transport - Minutes per Order Calculation	AIDT	38
CLEC Dedicated Transport - Minutes per Order Calculation	ACDT	40
Signaling System Seven (SS7) - Minutes per Order Calculation	ASS7	42
Line and Station Transfer - Engineering Work Times	ATNG	45
Loop Conditioning - Engineering Work Times (Load Coil & Bridged Tap Removal)	AENG	46
Loop Conditioning - Probability of Occurrence	APRO	47

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Exhibits - Field Work by Page

	Exhibit Name	Page
Special Access Orders - Field Installation	AEEL	48
Special Access Orders - Central Office Work	AEEL	50
Distribution of Productive Hours - Total Installation Time	AEEL	52
Distribution of Productive Hours - Incremental Time	AEEL	54
Time Study Summary - HiCap Field Work	AEEL	55
Time Study Summary - Central Office	AEEL	59
Field Work Expensed Hours - Build-Out Group	AEEL	57
Feature Cost Estimate Summary - Multiplexing	AEEL	58
Dark Fiber	ADFB	59
Probability of Running/Breaking a Jumper - Central Office Installation	APRJ	60
Jumper Study - Summary of Jumper/Drive Time - Central Office Installation	AJDT	63
Jumper Study - Activity Summary Sheet	AJSS	65
Jumper Study - Other Jumper Activities Calculation	AAJT	66
Jumper Study - Appendix Summary	AJIS	67

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Exhibits - Field Work by Exhibit Name

	Exhibit Name	Page
Jumper Study - Other Jumper Activities Calculation	AAJT	66
Loop Conditioning - Work Times (Bridged Tap Removal)	ACBT	30
Coordinated Conversion and Hot Cut Coordinated Conversion - Minutes per Activity	ACCC	35
CLEC Dedicated Transport - Minutes per Order Calculation	ACDT	40
Loop Conditioning - Work Times (Load Coil Removal)	ACLC	32
Dark Fiber	ADFB	59
Probability of Dispatch - Field Installation	ADSP	18
Special Access Orders - Field Installation	AEEL	48
Special Access Orders - Central Office Work	AEEL	50
Distribution of Productive Hours - Total Installation Time	AEEL	52
Distribution of Productive Hours - Incremental Time	AEEL	24
Time Study Summary - HiCap Field Work	AEEL	55
Time Study Summary - Central Office	AEEL	56
Field Work Expensed Hours - Build-Out Group	AEEL	57
Feature Cost Estimate Summary - Multiplexing	AEEL	58
Loop Conditioning - Engineering Work Times (Load Coil & Bridged Tap Removal)	AENG	46
Inter-office Dedicated Transport - Minutes per Order Calculation	AIDT	38
Appendix Summary - Unbundled Loop and Port, UNE-Ps	AINS	1
Appendix Summary - Subloop	AINS	5
Appendix Summary - Line Sharing	AINS	7
Appendix Summary - Loop Conditioning	AINS	9
Appendix Summary - Line and Station Transfer	AINS	11
Appendix Summary - NID, Conversions and Expedites	AINS	12
Appendix Summary - Dedicated Transport	AINS	15
Appendix Summary - SS7	AINS	16
Appendix Summary - Dark Fiber	AINS	17
Jumper Study - Summary of Jumper/Drive Time - Central Office Installation	AJDT	63

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Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Exhibits - Field Work by Exhibit Name

	Exhibit Name	Page
Jumper Study - Appendix Summary	AJIS	67
Jumper Study - Activity Summary Sheet	AJSS	65
Line Sharing Jumper Summary - Central Office	ALSH	28
Unbundled Loop Order Summary - Field Installation	AOSM	25
Probability of Running/Breaking a Jumper - Central Office Installation	APRJ	60
Loop Conditioning - Probability of Occurrence	APRO	47
Subloop Activity Summary - Field Installation	ASBL	19
Subloop Activity Summary II - Field Installation	ASBL	21
Subloop Order Summary - Field Installation	ASBL	23
Signaling System Seven (SS7) - Minutes per Order Calculation	ASS7	42
Line and Station Transfer Summary - Central Office	ATCO	34
Line and Station Transfer - Engineering Work Times	ATNG	45
House and Riser - Field Work (Jumper Summary)	AUHR	37

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Unbundled Loop and Port, UNE-Ps

Description	Source	Central Office				Field Installation				Destination
		Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2	B=Source	C=APRJ-1..3	D=ALLR-3	E=AOSM-1..3	F=AOSM-1..3	G=ADSP-1, 2	H=AOSM-1..3	
Unbundled Network Elements (UNEs)										
Exchange Products										
Unbundled Loop										
Basic										
New	AJSS									FIC-1,COC-1
Disconnect	AJSS									FIC-1,COC-1
Change CO Connection	AJDT-1, 2									FIC-1,COC-1
Complex Non-digital										
New	AJSS									FIC-1,COC-1
Disconnect	AJSS				5					FIC-1,COC-1
Change CO Connection	AJDT-1, 2									FIC-1,COC-1
Complex Digital										
New	AJSS									FIC-1,COC-1
Disconnect	AJSS									FIC-1,COC-1
Change CO Connection	AJDT-1, 2									FIC-1,COC-1

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Unbundled Loop and Port, UNE-Ps

Description	Source	Central Office				Field Installation				Destination
		Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2	B=Source	C=APRJ-1..3	D=ALLR-3	E=AOSM-1..3	F=AOSM-1..3	G=ADSP-1, 2	H=AOSM-1..3	
Unbundled Network Elements (UNEs)										
Exchange Products										
Unbundled Port										
Basic										
New	AJSS									FIC-2,COC-2
Disconnect	AJSS									FIC-2,COC-2
Change Port Feature	AJSS									FIC-2,COC-2
Change CO Connection	AJDT-1, 2									FIC-2,COC-2
Complex Non-digital										
New	AJSS									FIC-2,COC-2
Disconnect	AJSS									FIC-2,COC-2
Change Port Feature	AJSS									FIC-2,COC-2
Change Switch Feature Group	AJSS									FIC-2,COC-2
Change CO Connection	AJDT-1, 2									FIC-2,COC-2
Complex Digital										
New	AJSS									FIC-2,COC-2
Disconnect	AJSS									FIC-2,COC-2
Change Port Feature	AJSS									FIC-2,COC-2
Change Switch Feature Group	AJSS									FIC-2,COC-2
Change CO Connection	AJDT-1, 2									FIC-2,COC-2
Interim Number Portability										
New	AJSS									FIC-2,COC-2
Disconnect	AJSS									FIC-2,COC-2
Change	AJSS									FIC-2,COC-2

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Unbundled Loop and Port, UNE-Ps

Description	Source	Central Office				Field Installation				Destination
		Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2	B=Source	C=APRJ-1..3	D=ALLR-3	E=AOSM-1..3	F=AOSM-1..3	G=ADSP-1, 2	H=AOSM-1..3	
Unbundled Network Elements (UNEs)										
Advanced/Special Products										
Unbundled Loop										
Basic										
New	AJSS									FIC-3,COC-3
Disconnect	AJSS									FIC-3,COC-3
Change CO Connection	AJSS									FIC-3,COC-3
Complex Digital										
New	AJSS									FIC-3,COC-3
Disconnect	AJSS									FIC-3,COC-3
Change CO Connection	AJSS									FIC-3,COC-3
Unbundled Port										
Complex										
New	AJSS									FIC-3,COC-3
Disconnect	AJSS									FIC-3,COC-3
Change CO Connection	AJSS									FIC-3,COC-3

5

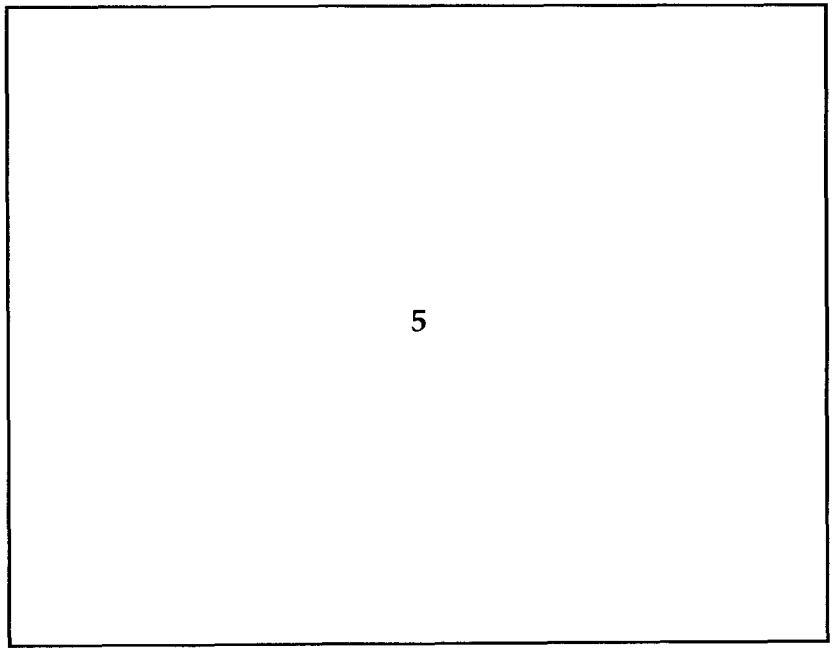
Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Unbundled Loop and Port, UNE-Ps

Description	Source	Central Office				Field Installation				Destination
		Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Initial Line/Ckt	Minutes per Additional Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2	B=Source	C=APRJ-1..3	D=ALLR-3	E=AOSM-1..3	F=AOSM-1..3	G=ADSP-1, 2	H=AOSM-1..3	
UNE - Platforms (UNE-Ps)										
Exchange Products										
Basic										
Migration As Is +/-	AJSS									FIC-4, COC-4
Change Line Feature	AJSS									FIC-4, COC-4
Complex Non-digital										
Migration As Specified	AJSS									FIC-4, COC-4
Change Line Feature	AJSS									FIC-4, COC-4
Change Switch Feature Group	AJSS									FIC-4, COC-4
Complex Digital										
Migration As Specified	AJSS									FIC-4, COC-4
Change Line Feature	AJSS									FIC-4, COC-4
Change Switch Feature Group	AJSS									FIC-4, COC-4
Advanced/Special Products										
Complex										
Migration As Specified	AJSS									FIC-5, COC-5
Change	AJSS									FIC-5, COC-5

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Subloop

Description	Source	Central Office			Field Installation			Destination
		Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2, AJ	B=APRJ-1..3	C=ALLR-3	D=Source	E=ADSP-1, 2	F=ALLR-3, ASBL-5, 6	
Unbundled Network Elements (UNEs)								
Exchange Products								
Subloop								
Initial Line								
FDI - Feeder Connection								
New								
Central Office	ASBL-1, 2							SLC-1
Cross Box	ASBL-1, 2							SLC-1
Disconnect								
Central Office	ASBL-1, 2							SLC-1
Cross Box	ASBL-1, 2							SLC-1
Change Facility Connection	ASBL-1, 2							SLC-1
FDI - Distribution Connection								
New								
Cross Box	ASBL-1, 2							SLC-2
Customer Location	ASBL-1, 2							SLC-2
Disconnect								
Cross Box	ASBL-1, 2							SLC-2
Customer Location	ASBL-5, 6							SLC-2
Change Facility Connection	ASBL-1, 2							SLC-2
Serving Terminal Connection								
Customer Location								
New	ASBL-1, 2							SLC-2
Disconnect	ASBL-1, 2							SLC-2
Change Facility Connection	ASBL-1, 2							SLC-2



Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Subloop

Description	Source	Central Office			Field Installation			Destination
		Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate Per Minute	
		A=AJDT-1, 2, AJ	B=APRJ-1..3	C=ALLR-3	D=Source	E=ADSP-1, 2	F=ALLR-3, ASBL-5, 6	
Additional Line								
FDI - Feeder Connection								
New								
Central Office	ASBL-3, 4							SLC-3
Cross Box	ASBL-3, 4							SLC-3
Disconnect								
Central Office	ASBL-3, 4							SLC-3
Cross Box	ASBL-3, 4							SLC-3
Change Facility Connection	ASBL-3, 4							SLC-3
FDI - Distribution Connection								
New								
Cross Box	ASBL-3, 4							SLC-4
Customer Location	ASBL-5, 6				5			SLC-4
Disconnect								
Cross Box	ASBL-3, 4							SLC-4
Customer Location	ASBL-5, 6							SLC-4
Change Facility Connection	ASBL-3, 4							SLC-4
Serving Terminal Connection								
Customer Location								
New	ASBL-3, 4							SLC-4
Disconnect	ASBL-3, 4							SLC-4
Change Facility Connection	ASBL-3, 4							SLC-4

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Input Sheet - Line Sharing

Description	Central Office					Field			Destination
	Number of Jumper Run/Break	Minutes per Ln/Ckt	Probability of Occurrence	Labor Rate per Minute	CO Jumper Wire 25' Increment	Number of Jumper Run/Break	Minutes per Order	Probability of Occurrence	
	A=ALSH-1, 2	B=ALSH-1, 2	C=ALSH-1, 2	D=ALLR-3	E=ALSH-1, 2	F=ALSH-1, 2	G=ALSH-1, 2	H=ALSH-1, 2	
Unbundled Network Elements (UNEs)									
Exchange Products									
Line Sharing									
Initial Line									
CLEC CO Splitter Connection									
New									
Break									
Run									
Run Jumpers - 25 feet									
Change CO Connection									
Disconnect									
Break									
Run									
Run Jumpers - 25 feet									

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Input Sheet - Line Sharing

Description	Central Office					Field			Destination
	Number of Jumper Run/Break	Minutes per Ln/Ckt	Probability of Occurrence	Labor Rate per Minute	CO Jumper Wire 25' Increment	Number of Jumper Run/Break	Minutes per Order	Probability of Occurrence	
	A=ALSH-1, 2	B=ALSH-1, 2	C=ALSH-1, 2	D=ALLR-3	E=ALSH-1, 2	F=ALSH-1, 2	G=ALSH-1, 2	H=ALSH-1, 2	
Unbundled Network Elements (UNEs)									
Exchange Products									
Line Sharing									
Additional Line									
CLEC CO Splitter Connection									
New									
Break									
Run									
Run Jumpers - 25 feet									
Change CO Connection									
Disconnect									
Break									
Run									
Run Jumpers - 25 feet									

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Loop Conditioning

Description	Source	Field Installation: CO Work	Field Installation: Minutes per Occurrence	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Destination
		A=Source	B=Source	C=APRO	D=ALLR-3	
Construction						
Bridged Tap Removal						
Aerial and Buried Cable						
Single Bridged Tap						
Initial Pair	ACBT-1					LCC-1
Additional Pair	ACBT-1					LCC-1
Multiple Bridged Taps						
Initial Pair	ACBT-1					LCC-1
Additional Pair	ACBT-1					LCC-1
Underground Cable						
Single Bridged Tap						
Initial Pair	ACBT-2					LCC-1
Additional Pair	ACBT-2					LCC-1
Multiple Bridged Taps						
Initial Pair	ACBT-2					LCC-1
Additional Pair	ACBT-2					LCC-1

4

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Loop Conditioning

Description	Source	Field Installation: CO Work	Field Installation: Minutes per Occurrence	Field Installation: Probability of Occurrence	Field Installation: LLR per Minute	Destination
		A=Source	B=Source	C=APRO	D=ALLR-3	
Construction						
Load Coil Removal						
Aerial and Buried Cable						
Less than 18K feet						
Initial Pair	ACLC-1					LCC-2
Additional Pair	ACLC-1					LCC-2
21K feet						
Initial Pair	ACLC-1					LCC-2
Additional Pair	ACLC-1					LCC-2
27K feet						
Initial Pair	ACLC-1					LCC-2
Additional Pair	ACLC-1					LCC-2
Underground Cable						
Less than 18K feet						
Initial Pair	ACLC-2					LCC-2
Additional Pair	ACLC-2					LCC-2
21K feet						
Initial Pair	ACLC-2					LCC-2
Additional Pair	ACLC-2					LCC-2
27K feet						
Initial Pair	ACLC-2					LCC-2
Additional Pair	ACLC-2					LCC-2
Engineering	AENG					LCC-2

4

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Line and Station Transfer

Description	Source	Central Office				Field Installation			Destination
		Minutes per Occurrence	Probability of Occurrence	Jumper Cost	LLR per Minute	Minutes per Occurrence	Probability of Occurrence	LLR per Minute	
		A=ATCO-1, 2	B=ATCO-1, 2	C=ATCO-1, 2	D=ALLR-3	E=Source	E=Note 1	F=ALLR-3	
Line and Station Transfer									
Vacant Transfer									
Initial Pair	ASBL-1 & 2								LTC, LTF
Additional Pair	ASBL-3 & 4								LTC, LTF
In-Use Transfer					5				
Initial Pair	ASBL-1 & 2								LTC, LTF
Additional Pair	ASBL-3 & 4								LTC, LTF
Engineering	ATNG								LTC, LTF

Note 1: Probability of Occurrence of running a jumper for all Field Work Activity is 100% per Verizon CZT/BZT Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - NID, Conversions and Expedites

Description	Central Office			Field Installation			Destination
	Minutes per Order	Probability of Occurrence	LLR per Minute	Minutes per Order	Probability of Occurrence	LLR per Minute	
	A=ACCC-1 & 2	B=ACCC-1 & 2	C=ALLR-3	D=ACCC-1 & 2	E=ACCC-1 & 2	F=ALLR-3	
Exchange and Advanced/Special Products							
Network Interface Device (NID)							
New							FIC-5, COC-5
Coordinated Conversion							
Exchange Products							
Process 1							FIC-5, COC-5
Standard Interval							
Process 2							
Standard Interval							FIC-5, COC-5
Additional Interval							FIC-5, COC-5
Process 3							
Standard Interval			5				FIC-5, COC-5
Additional Interval							FIC-5, COC-5
Advanced/Special Products							
Process 1							
Standard Interval							FIC-5, COC-5
Process 2							
Standard Interval							FIC-5, COC-5
Additional Interval							FIC-5, COC-5
Process 3							
Standard Interval							FIC-5, COC-5
Additional Interval							FIC-5, COC-5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - NID, Conversions and Expedites

Description	Central Office			Field Installation			Destination
	Minutes per Order	Probability of Occurrence	LLR per Minute	Minutes per Order	Probability of Occurrence	LLR per Minute	
	A=ACCC-1 & 2	B=ACCC-1 & 2	C=ALLR-3	D=ACCC-1 & 2	E=ACCC-1 & 2	F=ALLR-3	
Exchange and Advanced/Special Products							
Hot Cut Coordinated Conversion							
Exchange Products							
Process 1							
Standard Interval							FIC-6, COC-6
Process 2							
Standard Interval							FIC-6, COC-6
Additional Interval							FIC-6, COC-6
Process 3							
Standard Interval							FIC-6, COC-6
Additional Interval							FIC-6, COC-6
Advanced/Special Products			5				
Process 1							
Standard Interval							FIC-6, COC-6
Process 2							
Standard Interval							FIC-6, COC-6
Additional Interval							FIC-6, COC-6
Process 3							
Standard Interval							FIC-6, COC-6
Additional Interval							FIC-6, COC-6

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - NID, Conversions and Expedites

Description	Central Office			Field Installation			Destination
	Minutes per Order	Probability of Occurrence	LLR per Minute	Minutes per Order	Probability of Occurrence	LLR per Minute	
	A=ACCC-1 & 2	B=ACCC-1 & 2	C=ALLR-3	D=ACCC-1 & 2	E=ACCC-1 & 2	F=ALLR-3	
Exchange and Advanced/Special Products							
Expedites							
Exchange Products							FIC-7, COC-7
Advanced/Special Products							FIC-7, COC-7
Preordering							FIC-7, COC-7
Record Order							FIC-7, COC-7
Customer Service Record Search							FIC-7, COC-7
CLEC Account Establishment			5				FIC-7, COC-7
No Access Customer Will Advise							FIC-7, COC-7
Network Wholesale Products							
Expedites							
Trunk Ports							FIC-7, COC-7
Entrance Facilities/Dedicated Transport							FIC-7, COC-7
Record Order							FIC-7, COC-7

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Dedicated Transport

Description	Source	Central Office			Field Installation			Destination
		Minutes per Initial Order	Probability of Occurrence	LLR per Minute	Minutes per Initial Order	Probability of Occurrence	LLR per Minute	
		A=Source	B=Source	C=ALLR-3	D=Source	E=Source	F=ALLR-3	
Network Wholesale Products								
Inter-office Dedicated Transport								
DS0 and Fractional T-1								
New	AIDT-1, 2							COC-8, FIC-8
Disconnect	AIDT-1, 2							COC-8, FIC-8
Change	AIDT-1, 2							COC-8, FIC-8
DS1 or Higher								
New	AIDT-1, 2							COC-8, FIC-8
Disconnect	AIDT-1, 2							COC-8, FIC-8
Change	AIDT-1, 2							COC-8, FIC-8
CLEC Dedicated Transport								
DS0 and Fractional T-1								
New	ACDT-1, 2							COC-8, FIC-8
Disconnect	ACDT-1, 2							COC-8, FIC-8
Change	ACDT-1, 2							COC-8, FIC-8
DS1 or Higher								
New	ACDT-1, 2							COC-8, FIC-8
Disconnect	ACDT-1, 2							COC-8, FIC-8
Change	ACDT-1, 2							COC-8, FIC-8

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - SS7

Description	Central Office			Field Installation			Destination
	Minutes per Order	Probability of Occurrence	LLR per Minute	Minutes per Order	Probability of Occurrence	LLR per Minute	
	A=ASS7-1..3	B=ASS7-1..3	C=ALLR-3	D=ASS7-1..3	E=ASS7-1..3	F=ALLR-3	
Signaling System Seven (SS7)							
Trunk Ports							
Facilities and Trunk							
New	5						COC-9, FIC-9
Disconnect							COC-9, FIC-9
Change w/Engineering Review							COC-9, FIC-9
Change w/out Engineering Review							COC-9, FIC-9
Trunk Only							
New							COC-9, FIC-9
Disconnect							COC-9, FIC-9
Change w/Engineering Review							COC-9, FIC-9
Change w/out Engineering Review							COC-9, FIC-9
STP Ports (SS7 Links)							
New							COC-9, FIC-9
Disconnect							COC-9, FIC-9

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Appendix Summary - Dark Fiber

Description	Central Office			Field Installation			Destination
	Minutes per Ln/Ckt	Probability of Occurrence	Loaded Labor Rate	Minutes per Ln/Ckt	Probability of Occurrence	Loaded Labor Rate	
	A=ADFB	B=ADFB	C=ADFB	D=ADFB	E=ADFB	F=ADFB	
Unbundled Network Elements (UNEs)							
Advanced/Special Products							
Dark Fiber							
Initial Line							
Preordering	5						DFCC
UNE Inter-office Dedicated Transport							
Host Central Office							DFCC
Remote Central Office							DFCC
Unbundled Loop							
Central Office							DFCC
Customer Location							DFCC
Subloop Feeder							
Central Office							DFCC
Cross Box							DFCC
Subloop Distribution							
Cross Box							DFCC
Customer Location							DFCC

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Probability of Dispatch - Field Installation

Ln	Description	Source	Dispatched Orders	Total Orders	Percent Dispatched	Destination
			A=Source	B=Source	C=A/B	
	Exchange Products					
	Basic					
1	New	Note 1				
2	Disconnect	Note 1				
	Complex Non-digital					
3	New	Note 1				
4	Disconnect	Note 1				
	Complex Digital					
5	New	Note 1				
6	Disconnect	Note 1				
	Total					
7	New	Ln 1+ Ln 3+ Ln 5				AINS-1, 5, 6
8	Disconnect	Ln 2+ Ln 4+ Ln 6				AINS-1, 5, 6
	Advanced/Special Products					
	Basic					
9	New	Note 2				AINS-3, 5, 6
10	Disconnect	Note 2				AINS-3, 5, 6
	Complex					
11	New	Note 2				AINS-3, 5, 6
12	Disconnect	Note 2				AINS-3, 5, 6

5

Note 1: Data developed using NOCV Touches Report.
Note 2: Probability of Dispatch provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Activity Summary - Field Installation

Description	Average Distance (Miles)	Drive Time (Minutes)	Set-Up Time (Minutes)	Verifying Time (Minutes)	Removing Jumpers (Minutes)	Running Jumpers (Minutes)	Dialing into AWAS (Minutes)	Complete Time (Minutes)	Total Work Time	Total Time	Destination
	A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Note 1	F=Note 1	G=Note 1	H=Note 1	I=Sum (C..H)	J=B+I	
Unbundled Network Elements (UNEs)											
Exchange Products											
Subloop											
Digital Line Concentrator (DLC)											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Remote Switching Unit (RSU)									5		
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Activity Summary - Field Installation

Description	Average Distance (Miles)	Drive Time (Minutes)	Set-Up Time (Minutes)	Verifying Time (Minutes)	Removing Jumpers (Minutes)	Running Jumpers (Minutes)	Dialing into AWAS (Minutes)	Complete Time (Minutes)	Total Work Time	Total Time	Destination
	A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Note 1	F=Note 1	G=Note 1	H=Note 1	I=Sum (C..H)	J=B+I	
Unbundled Network Elements (UNEs)											
Exchange Products											
Subloop											
Cross Connect Box (Xbox)											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Average (DLC, RSU, Xbox)											AINS-5, 11
Customer Terminal											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Average Customer Terminal											ACCC-1, AINS-5

5

Note 1: These figures are the results of Cross Box Jumper and Drive Time Studies conducted in California, Florida, Illinois, North Carolina, Texas, and Washington.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Activity Summary II - Field Installation

Description	Average Distance (Miles)	Drive Time (Minutes)	Set-Up Time (Minutes)	Verifying Time (Minutes)	Removing Jumpers (Minutes)	Running Jumpers (Minutes)	Complete Time (Minutes)	Total Work Time (AWAS)	Work Time per Additional Line	Total Time	Destination
	A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Note 1	F=Note 1	G=Note 1	H=Sum (C..G)	I=D+E+F	J=B+H	
Unbundled Network Elements (UNEs)											
Exchange Products											
Subloop											
Additional Line											
Digital Line Concentrator (DLC)											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Remote Switching Unit (RSU)											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Cross Connect Box (Xbox)											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Average (DLC, RSU, Xbox)											AINS-6, 11

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Activity Summary II - Field Installation

Description	Average Distance (Miles)	Drive Time (Minutes)	Set-Up Time (Minutes)	Verifying Time (Minutes)	Removing Jumpers (Minutes)	Running Jumpers (Minutes)	Complete Time (Minutes)	Total Work Time (AWAS)	Work Time per Additional Line	Total Time	Destination
	A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Note 1	F=Note 1	G=Note 1	H=Sum (C..G)	I=D+E+F	J=B+H	
Unbundled Network Elements (UNEs)											
Exchange Products											
Subloop											
Additional Line											
Customer Terminal											
California											
Florida											
Illinois											
North Carolina											
Texas											
Washington											
Average Customer Terminal								5			AINS-6

Note 1: These figures are the results of Cross Box Jumper and Drive Time Studies conducted in California, Florida, Illinois, North Carolina, Texas, and Washington.

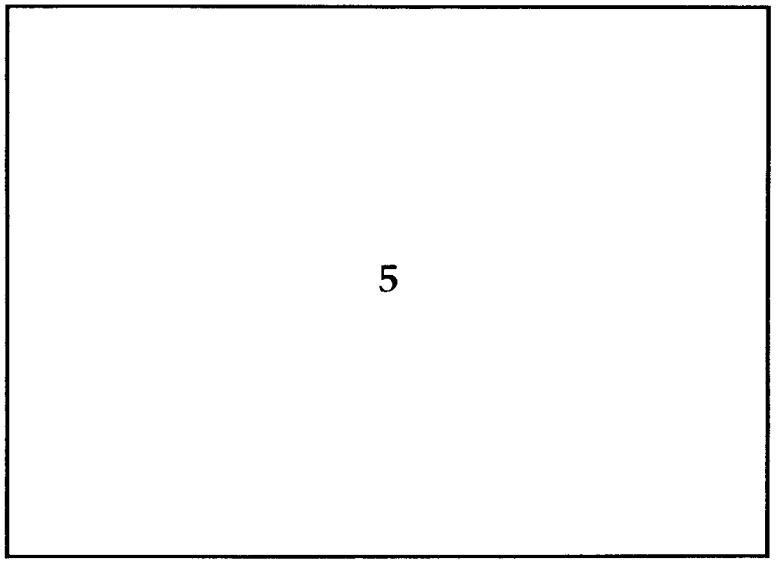
Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Order Summary - Field Installation

Ln	Description	Source	Total Lines	Total Minutes	Minutes per Line	Total Dollars	Weighted LLR per Minute	Destination
			A=AOSM-1..3	B=AOSM-1..3	C=B/A	D=AOSM-1..3	E=D/B	
	Unbundled Network Elements (UNEs)							
	Exchange Products							
	Subloop							
	Basic							
	New							
1	Initial	Note 1						
2	Additional	Note 1						
	Disconnect							
3	Initial	Note 1						
4	Additional	Note 1						
	Complex Non-digital							
	New							
5	Initial	Note 1						
6	Additional	Note 1						
	Disconnect							
7	Initial	Note 1						
8	Additional	Note 1						

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Subloop Order Summary - Field Installation

Ln	Description	Source	Total Lines	Total Minutes	Minutes per Line	Total Dollars	Weighted LLR per Minute	Destination
			A=AOSM-1..3	B=AOSM-1..3	C=B/A	D=AOSM-1..3	E=D/B	
	Unbundled Network Elements (UNEs)							
	Exchange Products							
	Subloop							
	Complex Digital							
	New							
9	Initial	Note 1						
10	Additional	Note 1						
	Disconnect							
11	Initial	Note 1						
12	Additional	Note 1						
	Totals							
	New							
13	Initial	Ln 1 + Ln5 + Ln9						AINS-5, 6
14	Additional	Ln 2 + Ln 6 + Ln 10						AINS-5, 6
15	Composite LLR	Note 2						AINS-5, 6
	Disconnect							
16	Initial	Ln 3 + Ln 7 + Ln 11						AINS-5, 6
17	Additional	Ln 4 + Ln 8 + Ln 12						AINS-5, 6
18	Composite LLR	Note 2						AINS-5, 6



Note 1: Results from NOCV and STAR data.
Note 2: This Composite LLR reflects the equal probability of either BZT or CZT performing this function, based on analysis of STAR data.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Unbundled Loop Order Summary - Field Installation

Description	Source	Total Lines	Total Minutes	Minutes per Line	Total Dollars	Weighted LLR per Minute	Destination
		A=Source	B=Source	C=B/A	D=Source	E=D/B	
Unbundled Network Elements (UNEs)							
Exchange Products							
Unbundled Loop							
Basic							
New							
Initial	Note 1						ASBL-5
Additional	Note 1						ASBL-5
Disconnect							
Initial	Note 1						ASBL-5
Additional	Note 1						ASBL-5
Complex Non-digital				5			
New							
Initial	Note 1						ASBL-5
Additional	Note 1						ASBL-5
Disconnect							
Initial	Note 1						ASBL-5
Additional	Note 1						ASBL-5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Unbundled Loop Order Summary - Field Installation

Description	Source	Total Lines	Total Minutes	Minutes per Line	Total Dollars	Weighted LLR per Minute	Destination
		A=Source	B=Source	C=B/A	D=Source	E=D/B	
Unbundled Network Elements (UNEs)							
Exchange Products							
Unbundled Loop							
Complex Digital							
New							
Initial	Note 1						ASBL-6
Additional	Note 1						ASBL-6
Disconnect							
Initial	Note 1						ASBL-6
Additional	Note 1						ASBL-6
Totals							
New							
Initial	Note 1						AINS-1
Additional	Note 1						AINS-1
Weighted LLR	Note 2						AINS-1
Disconnect							
Initial	Note 1						AINS-1
Additional	Note 1						AINS-1
Weighted LLR	Note 2						AINS-1

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Unbundled Loop Order Summary - Field Installation

Description	Source	Total Lines	Total Minutes	Minutes per Line	Total Dollars	Weighted LLR per Minute	Destination
		A=Source	B=Source	C=B/A	D=Source	E=D/B	
Unbundled Network Elements(UNEs)							
Advanced/Special Products							
Unbundled Loop							
Basic							
New							
Initial	Note 1						AINS-3
Additional	Note 1						AINS-3
Weighted LLR	Note 2						AINS-3
Disconnect							
Initial	Note 1						AINS-3
Additional	Note 1						AINS-3
Weighted LLR	Note 2						AINS-3
Complex							
New							
Initial	Note 1						AINS-3
Additional	Note 1						AINS-3
Weighted LLR	Note 2						AINS-3
Disconnect							
Initial	Note 1						AINS-3
Additional	Note 1						AINS-3
Weighted LLR	Note 2						AINS-3

5

Note 1: Data obtained from STAR and NOCV systems.
Note 2: The Weighted LLR reflects the probability of either BZT or CZT performing this function, based on analysis of STAR data.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Line Sharing Jumper Summary - Central Office

Description	Source	Number of Jumper Run/Break	Jumper Minutes per Ln/Ckt	Probability of Occurrence	CO Jumper Wire 25' Increment	Destination
		A=Note 1	B=Source	C=Note 1	D=Note 2	
Unbundled Network Element						
Line Sharing						
Initial Line						
CLEC CO Splitter Connection						
Install						
Break	AJDT-2					
Run	AJDT-1					
Run Jumpers - 25 feet						
Change CO Connection	AJDT-2					
Disconnect						
Break	AJDT-2					
Run	AJDT-1					
Run Jumper - 25 feet						

Not Included in this Filing

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Line Sharing Jumper Summary - Central Office

Description	Source	Number of Jumper Run/Break	Jumper Minutes per Ln/Ckt	Probability of Occurrence	CO Jumper Wire 25' Increment	Destination
		A=Note 1	B=Source	C=Note 1	D=Note 2	
Unbundled Network Element						
Line Sharing						
Additional Line						
CLEC CO Splitter Connection						
Install						
Break	AJSS					
Run	AJSS					
Run Jumpers - 25 feet						
Change CO Connection	AJDT-2					
Disconnect						
Break	AJSS					
Run	AJSS					
Run Jumper - 25 feet						

Not Included in this Filing

Note 1: Number of Jumper for Install and Disconnect and Probability of Occurrence based on Headquarters staff support personnel.
Note 2: Cost of jumper wire detemined in Integrated Cost Model (ICM) on a per jumper basis.

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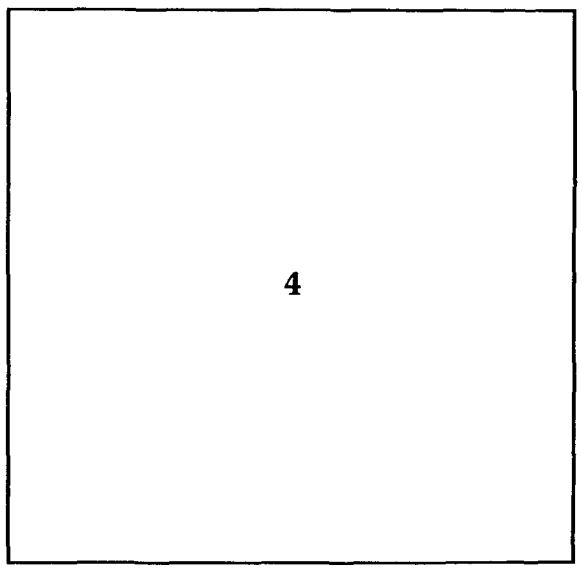
Verizon - Florida
Wholesale Non-recurring Cost Study
Field Work
Loop Conditioning - Work Times (Bridged Tap Removal)

Ln	Description	Source	CO Work Time in Minutes	Field Installation Time in Minutes				Destination
				One Bridged Tap		Multiple Bridged Taps		
				Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	
			A=Note 1	B=Note 1	C=Note 1	D=Note 2	E=Note 2	
	Number of Locations		n/a	1	1	2.5	2.5	
	Aerial and Buried Cable							
	IP Support Center							
1	Build work order in scheduling program.							
2	Complete the work order in scheduling program.							
3	Close out the work order and send to Engineering.							
4	Subtotal	Sum Lns (1..3)						
	Access Construction							
5	Receive work assignment from supervisor and travel to job site.							
6	Upon arrival at job site, set up work area protection.							
7	Set up bucket truck and/or ladder and platform.							
8	Identify and open the splice case.							
9	If required, send tone from the central office on the pair from which bridged tap is to	Note 3						
10	After identification of the pair, monitor to ensure there is no traffic.							
11	Cut off bridged tap and splice pair through.							
12	Close splice case.							
13	Tear down site set up and remove work area protection.							
14	Subtotal	Sum Lns (5..13)						
15	Total	Ln 4 + Ln 14						AINS-7

4

Verizon - Florida
Wholesale Non-recurring Cost Study
Field Work
Loop Conditioning - Work Times (Bridged Tap Removal)

Ln	Description	Source	CO Work Time in Minutes	Field Installation Time in Minutes				Destination
				One Bridged Tap		Multiple Bridged Taps		
				Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	
			A=Note 1	B=Note 1	C=Note 1	D=Note 2	E=Note 2	
	Number of Locations		n/a	1	1	2.5	2.5	
	Underground Cable							
	IP Support Center							
16	Build work order in scheduling program.							
17	Complete the work order in scheduling program.							
18	Close out the work order and send to Engineering.							
19	Subtotal	Sum Lns (16..18)						
	Access Construction							
20	Receive work assignment from supervisor and travel to job site.							
21	Upon arrival at job site, set up work area protection.							
22	Open manhole and begin purging the manhole to dissipate any stagnant gas, ensure							
23	Pump manhole if necessary.							
24	Test the manhole environment to ensure there is no combustible gas prior to							
25	Set up the inside of the manhole for work to be done.							
26	Identify and open the splice case.							
27	If required, send tone from the central office on the pair from which bridged tap is to	Note 3						
28	After identification of the pair, monitor to ensure there is no traffic.							
29	Cut off bridged tap and splice pair through.							
30	Close splice case.							
31	Tear down site set up and remove work area protection.							
32	Subtotal	Sum Lns (20..31)						
33	Total	Ln 19 + Ln 32						AINS-7



Note 1: The work times were obtained from interviews and discussions with construction and support personnel.
Note 2: The work times were obtained from interviews and discussions with construction and support personnel. Multiple bridged tap removals are based on an average of 2.5 bridged taps
Note 3: The work times shown reflect an 87% Probability of Occurrence.

Verizon - Florida
Wholesale Non-recurring Cost Study
Field Work
Loop Conditioning - Work Times (Load Coil Removal)

Ln	Description	Source	CO Work Time in Minutes	Field Installation Time in Minutes						Destination
				Less than 18K		21K		27K		
				Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	
			A=Note 1	B=Note 1	C	D=Note 1	E	F=Note 1	G	
	Number of Locations			2	2	3	3	4	4	
	Aerial and Buried Cable									
	IP Support Center									
1	Build work order in scheduling program.									
2	Complete the work order in scheduling program.									
3	Close out the work order and send to Engineering.									
4	Subtotal	Sum Lns (1..3)								
	Access Construction									
5	Receive work assignment from supervisor and travel to job site.									
6	Upon arrival at job site, set up work area protection.									
7	Set up bucket truck and/or ladder and platform.									
8	Identify and open the splice case.									
9	If required, send tone from the central office on the pair to be	Note 2								
10	After identification of the pair, monitor to ensure there is no traffic.									
11	Cut off pair at both ends and splice pair through.									
12	Close splice case.									
13	Tear down site set up and remove work area protection.									
14	Subtotal	Sum Lns (5..13)								
15	Total	Ln 4 + Ln 14								AINS-8

4

Verizon - Florida
Wholesale Non-recurring Cost Study
Field Work
Loop Conditioning - Work Times (Load Coil Removal)

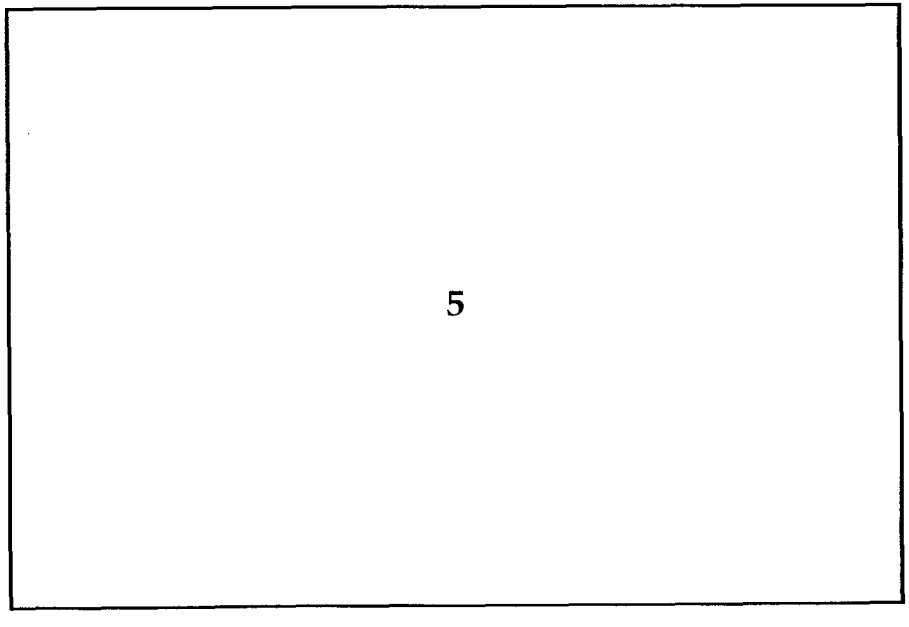
Ln	Description	Source	CO Work Time in Minutes	Field Installation Time in Minutes						Destination
				Less than 18K		21K		27K		
				Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	Initial Pair	Addtl Pair	
			A=Note 1	B=Note 1	C	D=Note 1	E	F=Note 1	G	
	Number of Locations			2	2	3	3	4	4	
	Underground Cable									
	IP Support Center									
16	Build work order in scheduling program.									
17	Complete the work order in scheduling program.									
18	Close out the work order and send to Engineering.									
19	Subtotal	Sum Lns (16..18)								
	Access Construction									
20	Receive work assignment from supervisor and travel to job site.									
21	Upon arrival at job site, set up work area protection.									
22	Open manhole and begin purging the manhole to dissipate any									
23	Pump manhole if necessary.									
24	Test the manhole environment to ensure there is no combustible									
25	Set up the inside of the manhole for work to be done.									
26	Identify and open the splice case.									
27	If required, send tone from the central office on the pair from	Note 2								
28	After identification of the pair, monitor to ensure there is no traffic.									
29	Cut off pair at both ends and splice pair through.									
30	Close splice case.									
31	Tear down site set up and remove work area protection.									
32	Subtotal	Sum Lns (20..31)								
33	Total	Ln 19 + Ln 32								AINS-8

4

Note 1: The work times were obtained from interviews and discussions with construction and support personnel.
Note 2: The work times shown reflect an 87% Probability of Occurrence.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Line and Station Transfer Summary - Central Office

Description	Source	Quantity	Jumper Minutes per Ln/Ckt	Probability of Occurrence	CO Jumper Wire 25' Increment	Jumper Cost	Minutes per Line	Destination
		A=Note 1	B=AJDT	C=Note 1	D=Note 2	D=A*D	E=B*C	
Unbundled Network Element								
Line and Station Transfer								
Initial Line								
CO Connection								
Vacant								
Run	AJSS							AINS-11
Jumper - 25 feet								AINS-11
In-Use								
Break	AJDT-2							
Run	AJDT-1							
Jumper - 25 feet								AINS-11
Total								AINS-11
Additional Line								
CO Connection								
Vacant								
Run	AJSS							AINS-11
Jumper - 25 feet								AINS-11
In-Use								
Break	AJSS							
Run	AJSS							
Jumper - 25 feet								AINS-11
Total								AINS-11



Note 1: The number of Jumper Runs for In-Use and Vacant transfer, as well as the Probability of Occurrence, are based on Headquarters staff support personnel.
Note 2: Cost of jumper wire detemined in Integrated Cost Model (ICM) on a per jumper basis.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Coordinated Conversion and Hot Cut Coordinated Conversion - Minutes per Activity

Description	Source	Central Office		Field Installation		Destination
		Probability of Occurrence	Minutes per Activity	Probability of Occurrence	Minutes per Activity	
		A=Note 1	B=Note 1	C=Note 1	D=Source	
Exchange and Advanced/Special Products						
Network Interface Device (NID)						
New	ASBL- 2					AINS-9
No Access Customer Will Advise	Note 1					AINS-11
Coordinated Conversion						
Exchange Products						
Process 1						
Standard Interval	Note 1					AINS-9
Process 2						
Standard Interval	Note 1					AINS-9
Additional Interval	Note 1					AINS-9
Process 3						
Standard Interval						
CZT/BZT	Note 1					AINS-9
CO Technician	Note 1		5			AINS-9
Additional Interval	Note 1					AINS-9
Advanced/Special Products						
Process 1						
Standard Interval	Note 1					AINS-9
Process 2						
Standard Interval	Note 1					AINS-9
Additional Interval	Note 1					AINS-9
Process 3						
Standard Interval						
CZT/BZT	Note 1					AINS-9
CO Technician	Note 1					AINS-9
Additional Interval	Note 1					AINS-9

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Coordinated Conversion and Hot Cut Coordinated Conversion - Minutes per Activity

Description	Source	Central Office		Field Installation		Destination
		Probability of Occurrence	Minutes per Activity	Probability of Occurrence	Minutes per Activity	
		A=Note 1	B=Note 1	C=Note 1	D=Source	
Hot Cut Coordinated Conversion						
Exchange Products						
Process 1						
Standard Interval	Note 1					AINS-10
Process 2						
Standard Interval	Note 1					AINS-10
Additional Interval	Note 1					AINS-10
Process 3						
Standard Interval						
CZT/BZT	Note 1					AINS-10
CO Technician	Note 1					AINS-10
Additional Interval	Note 1					AINS-10
Advanced/Special Products			5			
Process 1						
Standard Interval	Note 1					AINS-10
Process 2						
Standard Interval	Note 1					AINS-10
Additional Interval	Note 1					AINS-10
Process 3						
Standard Interval						
CZT/BZT	Note 1					AINS-10
CO Technician	Note 1					AINS-10
Additional Interval	Note 1					AINS-10

Note 1: Provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
House and Riser - Field Work (Jumper Summary)

Description	Number of Jumper Run/Break	Jumper Minutes per Ln/Ckt	Drive Time per Ln/Ckt	Total Time per Ln/Ckt	Probability of Occurrence	CO Jumper Wire 25' Increment	Destination
	A=Note 1	B=AJSS	C=ASBL-2	D=B+C	E=Note 1	F=Note 2	
Unbundled Network Element							
Exchange Products							
House and Riser							
Terminal Block Connection							
Install							
Break	5						UHR-1
Run							UHR-1
Run Jumpers - 25 feet							UHR-1
Disconnect							
Break							UHR-1
Run							UHR-1
Run Jumper - 25 feet							UHR-1

Note 1: Number of Jumper for Install and Disconnect and Probability of Occurrence based on Headquarters staff support personnel.
Note 2: Cost of jumper wire detemined in Integrated Cost Model (ICM) on a per jumper basis.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Inter-office Dedicated Transport - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	Inter-office Dedicated Transport					
	Central Office Installation					
	DS0 and Fractional T-1					
	New					
1	Span Tech	Note 1				AINS-12
	Disconnect					
2	Span Tech	Note 1				AINS-12
	Change					
3	Span Tech	Note 1				AINS-12
	DS1 or Higher					
	New					
4	CO Tech	Note 1				
5	Span Tech	Note 1		5		
6	Total New	Ln 4 + Ln 5				AINS-12
	Disconnect					
7	CO Tech	Note 1				
8	Span Tech	Note 1				
9	Total Disconnect	Ln 7 + Ln 8				AINS-12
	Change					
10	CO Tech	Note 1				
11	Span Tech	Note 1				
12	Total Change	Ln 10 + Ln 11				AINS-12

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Inter-office Dedicated Transport - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	Inter-office Dedicated Transport					
	Field Installation					
	DS0 and Fractional T-1					
	New					
13	Span Tech	Note 1				
14	Build-Out Group	Note 1				
15	Total New	Ln 13 + Ln 14				AINS-12
	Disconnect					
16	Span Tech	Note 1				AINS-12
	Change					
17	Span Tech	Note 1				AINS-12
	DS1 or Higher			5		
	New					
18	Span Tech	Note 1				
19	Build-Out Group	Note 1				
20	Total New	Ln 18 + Ln 19				AINS-12
	Disconnect					
21	Span Tech	Note 1				AINS-12
	Change					
22	Span Tech	Note 1				AINS-12

Note 1: Data developed through a series of time studies.
Note 2: Data Provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
CLEC Dedicated Transport - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	CLEC Dedicated Transport					
	Central Office Installation					
	DS0 and Fractional T-1					
	New					
1	Span Tech	Note 1				AINS-12
	Disconnect					
2	Span Tech	Note 1				AINS-12
	Change					
3	Span Tech	Note 1				AINS-12
	DS1 or Higher					
	New					
4	CO Tech	Note 1				
5	Span Tech	Note 1				
6	Total New	Ln 4+Ln 5				AINS-12
	Disconnect					
7	CO Tech	Note 1				
8	Span Tech	Note 1				
9	Total Disconnect	Ln 7+Ln 8				AINS-12
	Change					
10	CO Tech	Note 1				
11	Span Tech	Note 1				
12	Total Change	Ln 10+Ln 11				AINS-12

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
CLEC Dedicated Transport - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	CLEC Dedicated Transport					
	Field Installation					
	DS0 and Fractional T-1					
	New					
13	Span Tech	Note 1				
14	Build-Out Group	Note 1				
15	Total New	Ln 13+Ln 14				AINS-12
	Disconnect					
16	Span Tech	Note 1				AINS-12
	Change					
17	Span Tech	Note 1				AINS-12
	DS1 or Higher			5		
	New					
18	Span Tech	Note 1				
19	Build-Out Group	Note 1				
20	Total New	Ln 18+Ln 19				AINS-12
	Disconnect					
21	Span Tech	Note 1				AINS-12
	Change					
22	Span Tech	Note 1				AINS-12

Note 1: Data developed through a series of time studies conducted by Arthur Anderson LLP.
Note 2: Data Provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Signaling System Seven (SS7) - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	Signaling System Seven (SS7)					
	Trunk Ports					
	Central Office Installation					
	Facilities and Trunk					
	New					
1	CO Tech	Note 1				
2	Span Tech	Note 1				
3	Total New	Ln 1 + Ln 2				AINS-13
	Disconnect					
4	CO Tech	Note 1				
5	Span Tech	Note 1				
6	Total Disconnect	Ln 4 + Ln 5				AINS-13
	Change w/ Engineering Review					
7	CO Tech	Note 3				
8	Span Tech	Note 1				
9	Total New	Ln 7 + Ln 8				AINS-13
	Change w/o Engineering Review					
10	CO Tech	Note 3				
11	Span Tech	Note 1				
12	Total Disconnect	Ln 10 + Ln 11				AINS-13

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Signaling System Seven (SS7) - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	Signaling System Seven (SS7)					
	Trunk Ports					
	Central Office Installation					
	Trunk Only					
	New					
13	CO Tech	Note 1				
14	Span Tech	Note 1				
15	Total New	Ln 13 + Ln 14				AINS-13
	Disconnect					
16	CO Tech	Note 1				
17	Span Tech	Note 1				
18	Total Disconnect	Ln 16 + Ln 17				AINS-13
	Change w/ Engineering Review					
19	CO Tech	Note 3				
20	Span Tech	Note 1				
21	Total Change w/ Engineering Review	Ln 19 + Ln 20				AINS-13
	Change w/o Engineering Review					
22	CO Tech	Note 3				
23	Span Tech	Note 1				
24	Total Change w/ out Engineering Review	Ln 22 + Ln 23				AINS-13

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Signaling System Seven (SS7) - Minutes per Order Calculation

Ln	Description	Source	Hours per Order	Minutes per Order	Probability of Occurrence	Destination
			A=Source	B=A*60	C=Note 2	
	Signaling System Seven (SS7)					
	STP Ports (SS7 Links)					
	Central Office Installation					
	Facilities and Trunk					
	New					
25	CO Tech 1	Note 2				
26	CO Tech 2	Note 3				
27	Total New	Ln 25 + Ln 26		5		AINS-13
	Disconnect					
28	CO Tech 1	Note 2				
29	CO Tech 2	Note 3				
30	Total Disconnect	Ln 28 + Ln 29				AINS-13

Note 1: Data developed through a series of time studies.
Note 2: Data Provided by Headquarters Staff Support.
Note 3: Estimated time to change CLR provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Line and Station Transfer - Engineering Work Times

Ln	Description	Source	CO Work	Work Time in Minutes	Destination
			A=Note 1	B=Note 1	
	Engineering				
1	Upon receipt of the Line Sharing service request for an Access Design work order to condition existing facilities: records research, via CAD system (ICGS), AAIS inventory systems, plat extraction for field				
2	Perform any site-field verification.				
3	Design cut sheet requirements.				
4	Release approved work and update order.				
5	Update Marketing contact representative and or customer for any processing updates.				
6	Total	Sum Lns (1..5)		4	AINS-11

Note 1: The work times were obtained from Engineering Support personnel.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Loop Conditioning - Engineering Work Times (Load Coil & Bridged Tap Removal)

Ln	Description	Source	CO Work A=Note 1	Work Time in Minutes B=Note 1	Destination
	Engineering				
1	Upon receipt of the Line Sharing service request for an Access Design work order to condition existing facilities: records research, via CAD system (ICGS), AAIS inventory systems, plat extraction for field				
2	Coordinate any customer consultations with customer focal point, Marketing contact representative.				
3	Perform any site-field verification.				
4	Design work order requirements.				
5	Design and research any requirements for permits, traffic plans, etc...				
6	Perform any design loop requirements necessary through ICGS/DSTS systems.				
7	Coordinate scheduling with Operations Center.				
8	Draw work order, and permit in the CAD system (ICGS), populate work order number assignment, and labor scheme. Automatically preposts upon work approval through ICGS & CPMS.				
9	Receive the preliminary work order design in the Facility Assignor Surveyor group for any AAIS posting requirements. Also, if any cut over inventory record is required.			**4**	
10	Release approved work order copies to Access Construction and the Operations Center.				
11	Coordinate any customer communication needed for processing with the CLEC.				
12	Update Marketing contact representative and or customer for any processing updates.				
13	Receive completion notice of Access Construction completed through the Operation Center.				
14	Receive the completed closed out work order in the Facility Assignor Survey group for any inventory AAIS posting requirements.				
15	Receive the completed closed out work order in Drafting, for final posting within the CAD (ICGS) system ICGS system translates with the accounting CPR system for accounting purposes.				
16	Total	Sum Lns (1..15)			AINS-10

Note 1: The work times were obtained from Engineering personnel.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Loop Conditioning - Probability of Occurrence

Ln	Description	Source	Cable Footage	No. of Loops	No. of Load Occurrences	No. of Loaded Pairs	Percentage	Weighted Percentage	Destination
			A=Note 1	B=Note 1	C=Note 1	D=Note 1	E=Count/Total	F=Source	
	Distribution Pair Feet by Cable Type								
1	Aerial Cable								
2	Buried Cable								
3	Subtotal	Ln 1+Ln 2							
4	Underground Cable								
5	**Total**	Ln 3+Ln 4							
	Load Occurrences by Cable Type								
6	Aerial Cable								
7	Buried Cable								
8	Subtotal	Ln 6+Ln 7							AINS-9
9	Underground Cable								AINS-9
10	**Total**	Ln 8+Ln 9							
	Plant make-up by Length								
11	Less than or equal to 18K feet								
12	Greater than 18K to equal to 21K feet								
13	Greater than 21K to equal to 27K feet								
14	Total	Sum Lns (11..13)							
	Plant make-up by Cable Type and Loop Length								
	Aerial and Buried Cable								
15	Less than or equal to 18K feet	Ln 8*Ln 11							AINS-10
16	Greater than 18K to equal to 21K feet	Ln 8*Ln 12							AINS-10
17	Greater than 21K to equal to 27K feet	Ln 8*Ln 13							AINS-10
	Underground Cable								
18	Less than or equal to 18K feet	Ln 9*Ln 11							AINS-10
19	Greater than 18K to equal to 21K feet	Ln 9*Ln 12							AINS-10
20	Greater than 21K to equal to 27K feet	Ln 9*Ln 13							AINS-10
21	Total	Sum Lns (15..20)							
22	**Engineering Required**	Note 2							AINS-10

4

Note 1: Cable Type Footage, Loop Length and Total Loaded Pairs less than or equal to 18K feet were obtained from the ICGS Systems.
Note 2: Engineering is required on all Loop Conditioning requests.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Special Access Orders - Field Installation

Ln	Description	Source	Avg Time per Order (Hours)	Loaded Labor Rate	Total Cost per Order	Destination
			A=Source	B=ALLR-3	C=A*B	
	Special Access					
	Basic					
	New					
1	Special Services Tech	Note 1				FWS-14
	Disconnect					
2	Special Services Tech	Note 1				FWS-14
3	Migration As Is					FWS-14
4	Change					FWS-14
	Special Access					
	Complex					
	DS0 and Fractional T-1					
	New					
5	Span Tech	AEEL-6				
6	Build-Out Group	AEEL-10				
7	Total	Ln 5 + Ln 6				FWS-14
	Disconnect					
8	Span Tech	AEEL-6				FWS-14
9	Migration As Is					FWS-14
10	Change					FWS-14

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Special Access Orders - Field Installation

Ln	Description	Source	Avg Time per Order (Hours)	Loaded Labor Rate	Total Cost per Order	Destination
			A=Source	B=ALLR-3	C=A*B	
	Special Access					
	Complex					
	DS1 or Higher					
	New					
11	Span Tech	AEEL-5				
12	Build-Out Group	AEEL-10				
13	Total	Ln 11 + Ln 12				FWS-14
	Disconnect					
14	Span Tech	AEEL-5	5			FWS-14
15	Migration As Is					FWS-14
16	Change					FWS-14
	Multiplexing					
17	DS1 to Voice					
18	DS3 to DS1					

Note 1: Order Information and Hours were taken from Time per Occurrence Study conducted by Arthur Anderson, LLP.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Special Access Orders - Central Office Work

Ln	Description	Source	Average Time (hours)	Loaded Labor Rate	Total Cost per Order	Destination
			A=Source	B=ALLR-3	C=A*B	
	Special Access					
	Basic					
	New					
1	CO Tech	Note 1				FWS-14
	Disconnect					
2	CO Tech	Note 1				FWS-14
3	Migration As Is	Note 2				FWS-14
	Change					
4	CO Tech	Note 2				FWS-14
	Special Access					
	Complex					
	DS0 and Fractional T-1					
	New					
5	Span Tech	AEEL-6				FWS-14
	Disconnect					
6	Span Tech	AEEL-6				FWS-14
7	Migration As Is	Note 2				FWS-14
	Change					
8	Span Tech	Note 2				FWS-14

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Special Access Orders - Central Office Work

Ln	Description	Source	Average Time (hours)	Loaded Labor Rate	Total Cost per Order	Destination
			A=Source	B=ALLR-3	C=A*B	
	Special Access					
	Complex					
	DS1 or Higher					
	New					
9	CO Tech	AEEL-5				FWS-14
	Disconnect					
10	CO Tech	AEEL-5				FWS-14
11	Migration As Is	Note 2				FWS-14
	Change					
12	CO Tech	Note 2			5	FWS-14
	Multiplexing					
	DS3 to DS1					
13	CO Tech	AEEL-11				FWS-14
14	**Expedite**	Note 2				FWS-14

Note 1: Information taken from Central Office Work Study conducted by Arthur Anderson, LLP.
Note 2: This row represents the Verizon SME calculation of time required for CLR update and other central office work required for the service order.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Distribution of Productive Hours - Total Installation Time

Ln	Description	Source	Incremental Time per Order	Work Group Time per Time Study	Weighting	Time Distribution	Total Installation Time	Destination
			A=AEEL-7	B=Source	C=B/SUM B	D=A*C	E=B+D	
	Special Access Complex							
	DS1 or Higher							
	New							
	Central Office							
1	CO Tech	AEEL-9						
2	Span Tech	AEEL-9						
	Field Work							
3	Span Tech	AEEL-8						AEEL-2
4	**Total**	Sum Lns (1..3)						AEEL-2
	Disconnect							
	Central Office							
5	CO Tech	AEEL-9						
6	Span Tech	AEEL-9						
7	Subtotal	Ln 5+Ln 6						AEEL-2
	Field Work							
8	Span Tech	AEEL-8						
9	**Total**	Sum Lns (5..8)						AEEL-2

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Distribution of Productive Hours - Total Installation Time

Ln	Description	Source	Incremental Time per Order	Work Group Time per Time Study	Weighting	Time Distribution	Total Installation Time	Destination
			A=AEEL-7	B=Source	C=B/SUM B	D=A*C	E=B+D	
	Special Access Complex							
	DS0 and Fractional T-1							
	New							
	Central Office							
10	Span Tech	AEEL-9						AEEL-3
	Field Work							
11	Span Tech	AEEL-8						AEEL-1
12	**Total**	Ln 10+Ln 11						
	Disconnect							
	Central Office							
13	Span Tech	AEEL-9						AEEL-2
	Field Work							
14	Span Tech	AEEL-8						AEEL-1
15	**Total**	Ln 13+Ln 14						

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Distribution of Productive Hours - Incremental Time

Ln	Description	Source	CO Work per Time Study	Field Work per Time Study	Total Time per Time Study	Time Index	Total Productive Hours	Time Base	Order Volume	Time Per Order	Incremental Time	Destination
			A=Source	B=AEEL-8	C=A+B	D=C/MIN Col C	E=Note 2	F=Note 3	G=Note 4	H=D*F	I=H-C	
	Productive Hours											
	Switched Access Complex											
1	New	Note 1										
2	Disconnect	Note 1										
	Special Access Complex											
	DS1 or Higher											
3	New	AEEL-9										AEEL-3
4	Disconnect	AEEL-9										AEEL-3
	DS0 and Fractional T-1											
5	New	AEEL-9										AEEL-4
6	Disconnect	AEEL-9										AEEL-4
	IntraLATA/Local Service											
7	New	AEEL-9										
8	Disconnect	AEEL-9										
9	**Total**	Sum Lns (G1..G8)										

5

Note 1: Distribution of Productive Hours obtained from Work Sampling study conducted by Arthur Anderson, LLP.
Note 2: The productive hours were obtained from the Span Tech and CO Tech supervisors.
Note 3: Time Base is calculated by solving the equation for "x":
D(Ln1)*F(Ln1)*x + D(Ln2)*F(Ln2)*x + D(Ln3)*F(Ln3)*x + D(Ln4)*F(Ln4)*x + D(Ln5)*F(Ln5)*x + D(Ln6)*F(Ln6)*x + D(Ln7)*F(Ln7)*x + D(Ln8)*F(Ln8)*x= Total 3/98 - 5/98 Time
Note 4: Order volumes were obtained from TBS.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Time Study Summary - HiCap Field Work

Description	Field Work Time per Order (Hours)				
	Drive Time	Work Time	Test Time	Total Time	Destination
	A=Note 1	B=Note 1	C=Note 1	D=A+B+C	
Special Access Complex					
DS1 or Higher					
Span Tech					
New	5				AEEL-3, 5
Disconnect					AEEL-3, 5
DS0 or Fractional T-1					
Span Tech					
New					AEEL-4, 5
Disconnect					AEEL-4, 5
IntraLATA/Local Service					
Span Tech					
New					AEEL-5
Disconnect					AEEL-5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Time Study Summary - Central Office

Ln	Description	Source	Central Office Time per Order (Hours)				Destination
			Drive Time	Work Time	Test Time	Total Time	
			A=Note 1	B=Note 1	C=Note 1	D=A+B+C	
	Special Access Complex						
	DS1 or Higher						
	New						
1	CO Tech						
2	Span Tech						
3	**Total**	D Ln 1+D Ln 2					AEEL-5
	Disconnect						
4	CO Tech						
5	Span Tech						
6	**Total**	D Ln 4+D Ln 5					AEEL-5
	DS0 and Fractional T-1						
	New						
7	Span Tech						AEEL-4, 5
	Disconnect						
8	Span Tech						AEEL-4, 5
	IntraLATA/Local Service						
	New						
9	CO Tech						AEEL-4
10	Span Tech						
11	**Total**	D Ln 9+D Ln 10					AEEL-5
	Disconnect						
12	CO Tech						
13	Span Tech						
14	**Total**	D Ln 12+D Ln 1					AEEL-5

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Field Work Expensed Hours - Build-Out Group

The following is a summary of a productivity report for the Loop Conditioning/Build-Out Group, which is responsible for installing the package, running jumpers, checking the cable pairs back to the central office, testing the span and completing the end-to-end testing.

Description	Month	Capital Hours	Expensed Hours	Demarc Extension Hours	HiCap Installations	Time per Order	Destination
Productive Hours		A	B=Note 1	C	D=Note 2	E=B/D	
Total				5			AEEL-1, 2

Note 1: These amounts represent 90 percent of the hours expensed as approximately 10 percent of this time is related to repair work per the Verizon Subject Matter Expert.
Note 2: The productive hours and HiCap installations were obtained from the STAR reporting system.

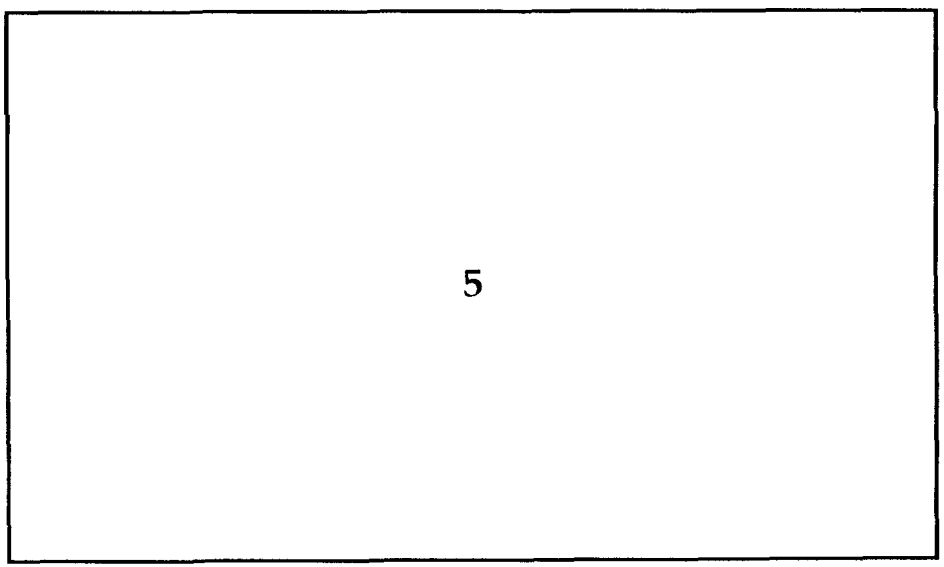
Verizon - Florida
Wholesale Non-recurring Study
Field Work
Feature Cost Estimate Summary - Multiplexing

Feature and Activity (Note 1)	Source	Total Quantity	Work Time (Minutes)	Total Minutes	Hours	Destination
		A	B=Note 1	C = A*B	D=C/60	
Multiplexing						
DS3 to DS1						
Run jumpers at DSX Panel		5				AEEL-4

Note 1: Data obtained from Jumper Run Time Special Study performed by Arthur Anderson, LLP.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Dark Fiber

Description	Source	Central Office			Field			Destination
		Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate	Minutes per Line/Ckt	Probability of Occurrence	Loaded Labor Rate	
		A=Source	B=Note 1	C=ALLR-3	D=Source	E=Note 1	F=ALLR-3	
Unbundled Network Elements (UNEs)								
Advanced/Special Products								
Dark Fiber								
Initial Line								
Preordering								AINS-14
UNE Inter-office Dedicated Transport								
Host Central Office	AJSS							AINS-14
Remote Central Office	AJDT-1							AINS-14
Unbundled Loop								
Central Office	AJSS							AINS-14
Customer Location	AJDT-1							AINS-14
Subloop Feeder								
Central Office	AJSS							AINS-14
Cross Box	AJDT-1							AINS-14
Subloop Distribution								
Cross Box	AJDT-1							AINS-14
Customer Location	AJDT-1							AINS-14



Note 1: Data provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Probability of Running/Breaking a Jumper - Central Office Installation

Description	Probability of Occurrence	Central Office Lines	Destination
	A=Note 1	B=Note 1	
Unbundled Network Elements (UNEs)			
Exchange Products			
Unbundled Loop			
Basic			
New	5		AINS-1, 5, 6
Disconnect			AINS-1, 5, 6
Change CO Connection			AINS-1, 3
Complex Non-digital			
New			AINS-1
Disconnect			AINS-1
Change CO Connection			AINS-1
Complex Digital			
New			AINS-1
Disconnect			AINS-1
Change CO Connection			AINS-1

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Probability of Running/Breaking a Jumper - Central Office Installation

Description	Probability of Occurrence	Central Office Lines	Destination
	A=Note 1	B=Note 1	
Unbundled Network Elements (UNEs)			
Exchange Products			
Unbundled Port			
Basic			
New	5		AINS-2
Disconnect			AINS-2
Change Port Feature			AINS-2
Change CO Connection			AINS-2
Complex Non-digital			
New			AINS-2
Disconnect			AINS-2
Change Port Feature			AINS-2
Change Switch Feature Group			AINS-2
Change CO Connection			AINS-2
Complex Digital			
New			AINS-2
Disconnect			AINS-2
Change Port Feature			AINS-2
Change Switch Feature Group			AINS-2
Change CO Connection			AINS-2

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Probability of Running/Breaking a Jumper - Central Office Installation

Description	Probability of Occurrence	Central Office Lines	Destination
	A=Note 1	B=Note 1	
Unbundled Network Elements (UNEs)			
Advanced/Special Products			
Unbundled Loop			
Basic			
New	5		AINS-3
Disconnect			AINS-3
Complex			
New			AINS-3
Disconnect			AINS-3
Unbundled Port			
Complex			
New			AINS-3
Disconnect			AINS-3

Note 1: Probability of Running/Breaking jumpers provided by Headquarters Staff Support.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Jumper Study - Summary of Jumper/Drive Time - Central Office Installation

Ln	Description	Source	Average Time per Line/Circuit	Central Office Weighting Factor	Time * Wtg. Factor	Destination
			A=Source	B=Note 2	C=A*B	
	Line/Circuit - "Runs"					
	Exchange					
1	Average Drive Time per Line/Circuit	Note 1				
2	Average Host Time per Line/Circuit	AJSS				
3	Average Remote Time per Line/Circuit	Ln 1 + Ln 2				
4	Average Host time per Line/Circuit	AJSS				
5	Average Time per Line/Circuit	Ln 3 + Ln 4				AINS-1, 2, 5, ATCO
	Advanced/Special Products					
6	Average Drive Time per Line/Circuit	Note 1				
7	Average Host Time per Line/Circuit	AJSS				
8	Average Remote Time per Line/Circuit	Ln 6 + Ln 7				ADFB
9	Average Host Time per Line/Circuit	AJSS				
10	Average Time per Line/Circuit	Ln 8 + Ln 9				AINS-3

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Jumper Study - Summary of Jumper/Drive Time - Central Office Installation

Ln	Description	Source	Average Time per Line/Circuit	Central Office Weighting Factor	Time * Wtg. Factor	Destination
			A=Source	B=Note 2	C=A*B	
	Jumper Breaks					
	All Products					
11	Average Drive Time Line/Circuit	Note 1				
12	Average Time for Line/Circuit Break	AJSS				
13	Average Remote Time per Line/Circuit	Ln 11 + Ln 12				
14	Average Host Time for Line/Circuit Break	AJSS				
15	Average Time per Line/Circuit	Ln 13 + Ln 14				AINS-1, 2, 3, 5, ATCO
	Change CO Connection			5		
	Exchange Product					
16	Average Drive Time Line/Circuit	Note 1				
17	Average Time for Line/Circuit Run & Break	Ln 2 + Ln 12				AINS-1, 2
18	Average Remote Time per Line/Circuit	Ln 16 + Ln 17				
19	Average Time for Line/Circuit Run & Break	Ln 2 + Ln 12				
20	Average Time per Line/Circuit	Ln 18 + Ln 19				AINS-1, 2

Note 1: Results taken from Drive Time Study.
Note 2: Weighting based on Host/Remote ratio of state-wide central offices.

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Jumper Study - Activity Summary Sheet

Description	Jumper Work	Jumper Admin	AAIS Jumper List	Program	Resolve Service Order	Total Minutes	Destination
	A=AAJT	B=AAJT	C=AAJT	D=AAJT	E=AAJT	F=Sum (A..E)	
Jumper Runs							
Exchange Order Minutes per Line				5			AJDT-1, AUHR, AINS-1, 2, 4, 6
Advanced/Special Order Minutes per Line							AJDT-1, ADFB-1, 2, AINS-3
Jumper Breaks							
All Services Minutes per Line							AJDT-2, AUHR, AINS-1, 2, 3, 6

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Jumper Study - Other Jumper Activities Calculation

Ln	Description	Source	Lines	Minutes	Minutes per Line	Destination
			A=Source	B=AJIS	C=B/A	
	Jumper Runs					
1	Exchange Orders	AJIS				AJSS
2	Advanced/Special Orders	AJIS				AJSS
	Jumper Breaks					
3	All Services	AJIS				AJSS
	Other Jumper Activities					
4	Jumper Admin	Sum Lns (1..3)				AJSS
5	AAIS Jumper List	Ln 1 + Ln 3				AJSS
6	Programming	Ln 2				AJSS
7	Resolve Service Order	Ln 1				AJSS

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Jumper Study - Appendix Summary

Description	Total Lines	Total Minutes	Destination
	A=Note 1	B=Note 1	
Jumper Runs			
Exchange Orders	5		AAJT
Advanced/Special Orders			AAJT
Jumper Breaks			
All Services			AAJT
Other Jumper Activities			
Jumper Admin			AAJT
AAIS Jumper List			AAJT
Programming			AAJT
Resolve Service Order			AAJT

Note 1: Data obtained from a Time and Motion study conducted by Arthur Anderson, LLP.

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Wholesale Non-Recurring Study

Florida
Docket Number 990649-TP (B)
Table of Appendix Exhibits - OSS by Page

	Exhibit Name	Page
Forecasted Order Volumes	AFOR	A4-1

Wholesale Non-Recurring Study

Florida

Docket Number 990649-TP (B)

Table of Appendix Exhibits - OSS by Exhibit Name

	Exhibit Name	Page
Forecasted Order Volumes	AFOR	A4-1

Verizon - Florida
Wholesale Non-recurring Study
OSS
Forecasted Order Volumes

Ln	Description	Source	Order Volumes	Destination
			A=Source	
	Wholesale Order Volume			
1	5 Year Total	Note 1	5	OSS
2	Annual Average	Ln 1/5		OSS
	Access Order Volume			
3	5 Year Total	Note 2		OSS
4	Annual Average	Ln 3/5		OSS

Note 1: Wholesale forecasted volumes provided by Wholesale Product Management.
Note 2: Access forecasted volumes provided by Headquarters Staff Support.

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Appendix Exhibits - Loaded Labor Rates by Page

	Exhibit Name	Page
Ordering Loaded Labor Rates	ALLR-1	A5-1
Provisioning Loaded Labor Rates	ALLR-2	A5-2
Field Work Loaded Labor Rates	ALLR-3	A5-3

Wholesale Non-recurring Study

Florida

Docket Number 990649-TP

Table of Appendix Exhibits - Loaded Labor Rates by Exhibit Name

	Exhibit Name	Page
Ordering Loaded Labor Rates	ALLR-1	A5-1
Provisioning Loaded Labor Rates	ALLR-2	A5-2
Field Work Loaded Labor Rates	ALLR-3	A5-3

Verizon - Florida
Wholesale Non-recurring Study
Loaded Labor Rates
Ordering

State	Work Center	Job Title	LLR per hour	LLR per minute
		5		

Verizon - Florida
Wholesale Non-recurring Study
Loaded Labor Rates
Provisioning

State	Work Center	Job Title	Job Duties	LLR per hour	LLR per minute

5

Verizon - Florida
Wholesale Non-recurring Study
Field Work
Loaded Labor Rates

State	Work Center	Job Title	Job Duties	LLR per hour	LLR per minute

5

Note 1: This Weighted LLR reflects the probability of either BZT or CZT performing this function, based on analysis of STAR data.