Deleted: NY PSC Case 97-C-0139

Carrier-to-Carrier Guidelines
Performance Standards and Reports

Verizon Reports

Connecticut
Delaware
District of Columbia
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania[1]
Rhode Island
Vermont
Virginia
West Virginia

Deleted: NY200401
Deleted: 06
Deleted: NY200310
Deleted: Version 1.1

[1] Not Applicable to former GTE Territory

INTRODUCTION 259
INTRODUCTION- APPLICABLE TO VERIZON MAINE ONLY 260
URL REFERENCES 261
GENERAL EXCLUSIONS 312
RETAIL ANALOG COMPARE TABLE 313
PRODUCT CODE INFORMATION 550
PO-1 RESPONSE TIME OSS PRE-ORDERING INTERFACE 1068
PO-1-01 1153
AVERAGE RESPONSE TIME – CUSTOMER SERVICE RECORD (CSR) 1154
PO-1-02 1164
AVERAGE RESPONSE TIME – DUE DATE AVAILABILITY 1165
PO-1-03 1175
AVERAGE RESPONSE TIME – ADDRESS VALIDATION 1176
PO-1-04 1186
AVERAGE RESPONSE TIME – PRODUCT & SERVICE AVAILABILITY 1187
PO-1-05 1197
AVERAGE RESPONSE TIME – TELEPHONE NUMBER AVAILABILITY & RESERVATION 1198
PO-1-06 1208
AVERAGE RESPONSE TIME – MECHANIZED LOOP QUALIFICATION – xDSL 1209
PO-1-07 1219
AVERAGE RESPONSE TIME – REJECTED QUERY 1220
PO-1-08 1230
% TIMEOUTS 1231
PO-2 OSS INTERFACE AVAILABILITY 1260
PO-2-02 1348
OSS INTERFACE AVAILABILITY – PRIME-TIME 1349
PO-2-03 1359
OSS INTERFACE AVAILABILITY – NON-PRIME-TIME 1360
PO-3 CONTACT CENTER AVAILABILITY 1374
PO-3-02 1428
% ANSWERED WITHIN 30 SECONDS – ORDERING 1429
PO-3-04 1442
% ANSWERED WITHIN 30 SECONDS – REPAIR 1443
PO-4 TIMELINESS OF CHANGE MANAGEMENT NOTICE 1457
PO-4-01 1527
% CHANGE MANAGEMENT NOTICES SENT ON TIME 1528
PO-4-02 1538
CHANGE MANAGEMENT NOTICE – DELAY ONE (1) TO SEVEN (7) DAYS 1539
PO-4-03 1547
CHANGE MANAGEMENT NOTICE – DELAY EIGHT (8) PLUS DAYS 1548
PO-5 AVERAGE NOTIFICATION OF INTERFACE OUTAGE 1560
PO-5-01 1586
AVERAGE NOTICE OF INTERFACE OUTAGE 1587
PO-6 SOFTWARE VALIDATION 1601
PO-6-01 1637

Deleted: NY PSC Case 97-C-0139
Deleted: 14
Deleted: 16
Deleted: 18
Deleted: 19
Deleted: 20
Deleted: 22
Deleted: 29
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Deleted: 42
Deleted: 42
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Deleted: 43
Deleted: 43
Deleted: NY200401
Deleted: 06…NY200310 …Ve … [1]

SOFTWARE VALIDATION 1638
PO-7 SOFTWARE PROBLEM RESOLUTION TIMELINESS 1652
PO-7-01 1700
% SOFTWARE PROBLEM RESOLUTION TIMELINESS 1701
PO-7-02 1711
DELAY HOURS – SOFTWARE RESOLUTION – CHANGE – TRANSACTIONS FAILED, NO WORKAROUND 1712
PO-7-03 1720
DELAY DAYS – SOFTWARE RESOLUTION – CHANGE – TRANSACTIONS FAILED WITH WORKAROUND 1721
PO-7-04 1729
DELAY HOURS – FAILED/REJECTED TEST DECK TRANSACTIONS – TRANSACTIONS FAILED, NO WORKAROUND 1730
PO-8 MANUAL LOOP QUALIFICATION 1742
PO-8-01 1775
% ON TIME – MANUAL LOOP QUALIFICATION 1776
PO-8-02 1786
% ON TIME– ENGINEERING RECORD REQUEST 1787
OR-1 ORDER CONFIRMATION TIMELINESS 1851
OR-1-02 2012
% ON TIME LSRC – FLOW-THROUGH 2013
OR-1-04 2034
% ON TIME LSRC/ASRC - NO FACILITY CHECK (ELECTRONIC – NO FLOW-THROUGH) 2035
OR-1-06 2072
% ON TIME LSRC/ASRC – FACILITY CHECK (ELECTRONIC – NO FLOW-THROUGH) 2073
OR-1-08 2109
% ON TIME ASRC - NO FACILITY CHECK (FAX/MAIL) 2110
OR-1-10 2132
% ON TIME ASRC - FACILITY CHECK (FAX/MAIL) 2133
OR-1-12 2154
% ON TIME FOC 2155
OR-1-13 2170
% ON TIME DESIGN LAYOUT RECORD (DLR) 2171
OR-2 REJECT TIMELINESS 2209
OR-2-02 2343
% ON TIME LSR REJECT (FLOW-THROUGH) 2344
OR-2-04 2365
% ON TIME LSR/ASR REJECT - NO FACILITY CHECK (ELECTRONIC – NO FLOW-THROUGH) 2366
OR-2-06 2396
% ON TIME LSR/ASR REJECT - FACILITY CHECK (ELECTRONIC – NO FLOW-THROUGH) 2397
OR-2-08 2437
% ON TIME REJECT - NO FACILITY CHECK (FAX) 2438
OR-2-10 2455
% ON TIME REJECT – FACILITY CHECK (FAX) 2456
OR-2-12 2473
% ON TIME TRUNK ASR REJECT 2474
OR-3 PERCENT REJECTS 2492
OR-3-01 2521
% REJECTS 2522
OR-3-02 2537
% LSR RESUBMISSION NOT REJECTED 2538
OR-4 TIMELINESS OF COMPLETION NOTIFICATION 2555
OR-4-11 2591
% COMPLETED ORDERS WITH NEITHER A PCN NOR BCN SENT 2592

Deleted: NY PSC Case 97-C-0139
Deleted: 43
Deleted: 45
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... [2]

OR-4-16 2616
% PROVISIONING COMPLETION NOTIFIERS SENT WITHIN ONE (1) BUSINESS DAY 2617
OR-4-17 2634
% BILLING COMPLETION NOTIFIERS SENT WITHIN TWO (2) BUSINESS DAYS 2635

OR-5 PERCENT FLOW-THROUGH 2656

OR-5-01 2693
% FLOW-THROUGH – TOTAL 2694
OR-5-03 2711
% FLOW-THROUGH ACHIEVED 2712

OR-6 ORDER ACCURACY 2730

OR-6-01 2799
% SERVICE ORDER ACCURACY 2800
OR-6-03 2813
% ACCURACY – LSRC 2814
OR-6-04 2826
% ACCURACY – DIRECTORY LISTING 2827

OR-7 % ORDER CONFIRMATION/REJECTS SENT WITHIN THREE (3) BUSINESS DAYS 2853

OR-7-01 2886
% ORDER CONFIRMATION/REJECTS SENT WITHIN THREE (3) BUSINESS DAYS 2887

OR-8 ACKNOWLEDGEMENT TIMELINESS 2907

OR-8-01 2932
% ACKNOWLEDGEMENTS ON TIME 2933

OR-9 ORDER ACKNOWLEDGEMENT COMPLETENESS 2951

OR-9-01 2978
% ACKNOWLEDGEMENT COMPLETENESS 2979

OR-10 PON NOTIFIER EXCEPTION RESOLUTION TIMELINESS 2998

OR-10-01 3048
% OF PON EXCEPTIONS RESOLVED WITHIN THREE (3) BUSINESS DAYS 3049
OR-10-02 3062
% OF PON EXCEPTIONS RESOLVED WITHIN TEN (10) BUSINESS DAYS 3063

OR-11 TIMELINESS OF LOSS OF LINE REPORT 3077

OR-11-01 3109
% UNE-P/RESALE LINE LOSS NOTIFICATIONS IN DAYS 3110

OR-12 % ACCURACY WHITE PAGES DIRECTORY LISTINGS (APPLICABLE TO RI ONLY) 3129

OR-12-01 3160
% ACCURACY WHITE PAGES DIRECTORY LISTINGS 3161

PR-1 AVERAGE INTERVAL OFFERED 3216

PR-1-01 3271
AVERAGE INTERVAL OFFERED – TOTAL NO DISPATCH 3272
PR-1-02 3296
AVERAGE INTERVAL OFFERED – TOTAL DISPATCH 3297
PR-1-03 3322
AVERAGE INTERVAL OFFERED – DISPATCH ONE (1) TO FIVE (5) LINES 3323
PR-1-04 3341
AVERAGE INTERVAL OFFERED – DISPATCH SIX (6) TO NINE (9) LINES 3342
PR-1-05 3359
AVERAGE INTERVAL OFFERED – DISPATCH (≥ 10 LINES) 3360
PR-1-06 3377

Deleted: NY PSC Case 97-C-0139
Deleted: 65
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Deleted: NY200401
Deleted: 06…NY200310 …Ve ... [3]

AVERAGE INTERVAL OFFERED – SPECIALS DS0 3378
PR-1-07 3394
AVERAGE INTERVAL OFFERED – SPECIALS DS1 3395
PR-1-08 3411
AVERAGE INTERVAL OFFERED – SPECIALS DS3 3412
PR-1-09 3432
AVERAGE INTERVAL OFFERED – TOTAL 3433
PR-1-12 3455
AVERAGE INTERVAL OFFERED – DISCONNECTS 3456

PR-3 COMPLETED WITHIN SPECIFIED NUMBER OF DAYS (1-5 LINES) 3487

PR-3-01 3544
% COMPLETED IN ONE (1) DAY ONE (1) TO FIVE (5) LINES – NO DISPATCH 3545
PR-3-03 3565
% COMPLETED IN THREE (3) DAYS ONE (1) TO FIVE (5) LINES – NO DISPATCH 3566
PR-3-06 3588
% COMPLETED IN THREE (3) DAYS ONE (1) TO FIVE (5) LINES – DISPATCH 3589
PR-3-08 3610
% COMPLETED IN FIVE (5) DAYS ONE (1) TO FIVE (5) LINES – NO DISPATCH 3611
PR-3-09 3630
% COMPLETED IN FIVE (5) DAYS ONE (1) TO FIVE (5) LINES – DISPATCH 3631
PR-3-10 3650
% COMPLETED IN SIX (6) DAYS ONE (1) TO FIVE (5) LINES – TOTAL 3651

PR-4 MISSED APPOINTMENTS 3674

PR-4-01 3725
% MISSED APPOINTMENT – VERIZON – TOTAL 3726
PR-4-02 3754
AVERAGE DELAY DAYS – TOTAL 3755
PR-4-03 3790
% MISSED APPOINTMENT – CUSTOMER 3791
PR-4-04 3822
% MISSED APPOINTMENT – VERIZON – DISPATCH 3823
PR-4-05 3854
% MISSED APPOINTMENT – VERIZON – NO DISPATCH 3855
PR-4-07 3884
% ON TIME PERFORMANCE – LNP ONLY 3885
PR-4-08 3902
% MISSED APPOINTMENT – CUSTOMER – DUE TO LATE ORDER CONFIRMATION 3903
PR-4-14 3933
% COMPLETED ON TIME – 2-WIRE XDSL 3934
PR-4-15 3951
% ON TIME PROVISIONING – TRUNKS 3952

PR-5 FACILITY MISSED ORDERS 3973

PR-5-01 4017
% MISSED APPOINTMENT – VERIZON – FACILITIES 4018
PR-5-02 4049
% ORDERS HELD FOR FACILITIES > 15 DAYS 4050
PR-5-03 4081
% ORDERS HELD FOR FACILITIES > 60 DAYS 4082
PR-5-04 4104
% ORDERS CANCELLED (> FIVE (5) DAYS) AFTER DUE DATE – DUE TO FACILITIES 4105

PR-6 INSTALLATION QUALITY 4130

PR-6-01 4175
% INSTALLATION TROUBLES REPORTED WITHIN 30 DAYS 4176
PR-6-02 4205

Deleted: NY PSC Case 97-C-0139
Deleted: 84
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... [4]

% INSTALLATION TROUBLES REPORTED WITHIN SEVEN (7) DAYS 4206
PR-6-03 4224
% INSTALLATION TROUBLES REPORTED WITHIN 30 DAYS – FOK/TOK/CPE 4225

PR-8 PERCENT OPEN ORDERS IN A HOLD STATUS 4264

PR-8-01 4308
PERCENT OPEN ORDERS IN A HOLD STATUS > 30 DAYS 4309
PR-8-02 4339
PERCENT OPEN ORDERS IN A HOLD STATUS > 90 DAYS 4340

PR-9 HOT CUT LOOPS 4374

PR-9-01 4431
% ON TIME PERFORMANCE – HOT CUT 4432
PR-9-02 4449
% EARLY CUTS – LINES 4450
PR-9-08 4470
AVERAGE DURATION OF SERVICE INTERRUPTION 4471

MR-1 RESPONSE TIME OSS MAINTENANCE INTERFACE 4518

MR-1-01 4573
AVERAGE RESPONSE TIME – CREATE TROUBLE 4574
MR-1-02 4584
AVERAGE RESPONSE TIME – STATUS TROUBLE 4585
MR-1-03 4595
AVERAGE RESPONSE TIME – MODIFY TROUBLE 4596
MR-1-04 4606
AVERAGE RESPONSE TIME – REQUEST CANCELLATION OF TROUBLE 4607
MR-1-05 4617
AVERAGE RESPONSE TIME –TROUBLE REPORT HISTORY (BY TN/CIRCUIT) 4618
MR-1-06 4628
AVERAGE RESPONSE TIME – TEST TROUBLE (POTS ONLY) 4629

MR-2 TROUBLE REPORT RATE 4643

MR-2-01 4690
NETWORK TROUBLE REPORT RATE 4691
MR-2-02 4715
NETWORK TROUBLE REPORT RATE – LOOP 4716
MR-2-03 4741
NETWORK TROUBLE REPORT RATE – CENTRAL OFFICE 4742
MR-2-04 4767
% SUBSEQUENT REPORTS 4768
MR-2-05 4800
% CPE/TOK/FOK TROUBLE REPORT RATE 4801

MR-3 MISSED REPAIR APPOINTMENTS 4834

MR-3-01 4877
% MISSED REPAIR APPOINTMENT – LOOP 4878
MR-3-02 4904
% MISSED REPAIR APPOINTMENT – CENTRAL OFFICE 4905
MR-3-03 4931
% CPE/TOK/FOK – MISSED APPOINTMENT 4932

MR-4 TROUBLE DURATION INTERVALS 4966

MR-4-01 5015
MEAN TIME TO REPAIR – TOTAL 5016
MR-4-02 5042
MEAN TIME TO REPAIR – LOOP TROUBLE 5043

Deleted: NY PSC Case 97-C-0139
Deleted: 102
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... [5]

MR-4-03 5072
MEAN TIME TO REPAIR – CENTRAL OFFICE TROUBLE 5073
MR-4-04 5099
% CLEARED (ALL TROUBLES) WITHIN 24 HOURS 5100
MR-4-05 5129
% OUT OF SERVICE > 2 HOURS 5130
MR-4-06 5145
% OUT OF SERVICE > 4 HOURS 5146
MR-4-07 5175
% OUT OF SERVICE > 12 HOURS 5176
MR-4-08 5204
% OUT OF SERVICE > 24 HOURS 5205

MR-5 REPEAT TROUBLE REPORTS 5246

MR-5-01 5292
% REPEAT REPORTS WITHIN 30 DAYS 5293

NP-1 PERCENT FINAL TRUNK GROUP BLOCKAGE 5347

NP-1-01 5398
% FINAL TRUNK GROUPS EXCEEDING BLOCKING STANDARD 5399
NP-1-02 5409
% FINAL TRUNK GROUPS EXCEEDING BLOCKING STANDARD (NO EXCEPTIONS) 5410
NP-1-03 5420
NUMBER FINAL TRUNK GROUPS EXCEEDING BLOCKING STANDARD – TWO (2) MONTHS 5421
NP-1-04 5431
NUMBER FINAL TRUNK GROUPS EXCEEDING BLOCKING STANDARD – THREE (3) MONTHS 5432

NP-2 COLLOCATION PERFORMANCE 5446

NP-2-01 5515
% ON TIME RESPONSE TO REQUEST FOR PHYSICAL COLLOCATION 5516
NP-2-02 5526
% ON TIME RESPONSE TO REQUEST FOR VIRTUAL COLLOCATION 5527
NP-2-03 5537
AVERAGE INTERVAL – PHYSICAL COLLOCATION 5538
NP-2-04 5557
AVERAGE INTERVAL – VIRTUAL COLLOCATION 5558
NP-2-05 5572
% ON TIME – PHYSICAL COLLOCATION 5573
NP-2-06 5587
% ON TIME – VIRTUAL COLLOCATION 5588
NP-2-07 5598
AVERAGE DELAY DAYS – PHYSICAL COLLOCATION 5599
NP-2-08 5609
AVERAGE DELAY DAYS – VIRTUAL COLLOCATION 5610

NP-6 NXX UPDATES (APPLICABLE TO NJ ONLY) 5624

NP-6-01 5650
% OF NXX UPDATES INSTALLED BY THE LERG EFFECTIVE DATE 5651

BI-1 TIMELINESS OF DAILY USAGE FEED 5707

BI-1-02 5749
% DUF IN FOUR (4) BUSINESS DAYS 5750

BI-2 TIMELINESS OF CARRIER BILL 5771

BI-2-01 5802
TIMELINESS OF CARRIER BILL 5803

BI – 3 BILLING ACCURACY & CLAIMS PROCESSING 5818

Deleted: NY PSC Case 97-C-0139
Deleted: 122
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Deleted: 138
Deleted: 138
Deleted: 138
Deleted: 139
... [6]

BI-3-01 5877
% BILLING ADJUSTMENTS- PAPER BILLS (CRIS & CABS COMBINED) (PA ONLY) 5878
BI-3-02 5889
% BILLING ADJUSTMENTS – NUMBER OF ADJUSTMENTS (PA ONLY) 5890
BI-3-03 5901
% BILLING ADJUSTMENTS- ELECTRONIC BILLS (PA ONLY) 5902
BI-3-04 5916
% CLEC BILLING CLAIMS ACKNOWLEDGED WITHIN TWO (2) BUSINESS DAYS 5917
BI-3-05 5927
% CLEC BILLING CLAIMS RESOLVED WITHIN 28 CALENDAR DAYS AFTER ACKNOWLEDGEMENT 5928
BI-3-07 5943
% FULL OR PARTIAL DENIALS 5944
BI-3-08 5954
% CLEC BILLING CLAIM CREDITS NOT APPEARING ON THE BILL WITHIN 45 DAYS 5955

BI – 4 DUF ACCURACY (APPLICABLE TO NJ ONLY) 5969

BI-4-01 5997
% USAGE ACCURACY 5998

BI – 5 ACCURACY OF MECHANIZED BILL FEED (APPLICABLE TO NJ ONLY) 6013

BI-5-01 6041
% ACCURACY OF MECHANIZED BILL FEED 6042

BI – 6 COMPLETENESS OF USAGE CHARGES (APPLICABLE TO NJ & PA ONLY) 6057

BI-6-01 6095
% COMPLETENESS OF USAGE CHARGES – INCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES 6096
BI-6-02 6107
% COMPLETENESS OF USAGE CHARGES – EXCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES *METRIC APPLICABLE TO PA ONLY* 6108

BI – 7 COMPLETENESS OF FRACTIONAL RECURRING CHARGES (APPLICABLE TO NJ & PA ONLY) 6123

BI-7-01 6163
% COMPLETENESS OF FRACTIONAL RECURRING CHARGES – INCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES 6164
BI-7-02 6174
% COMPLETENESS OF FRACTIONAL RECURRING CHARGES – EXCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES *METRIC IS APPLICABLE TO PA ONLY* 6175

BI – 8 NON-RECURRING CHARGE COMPLETENESS (APPLICABLE TO NJ & PA ONLY) 6189

BI-8-01 6227
% COMPLETENESS OF NON-RECURRING CHARGES – INCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES 6228
% COMPLETENESS OF NON-RECURRING CHARGES – EXCLUDING ORDER ACTIVITY POST COMPLETION DISCREPANCY DELAYED CHARGES *METRIC APPLICABLE TO PA ONLY* 6239

OD-1 OPERATOR SERVICES/DIRECTORY ASSISTANCE – SPEED OF ANSWER 6275

OD-1-01 6305
AVERAGE SPEED OF ANSWER – OPERATOR SERVICES 6306
OD-1-02 6316
AVERAGE SPEED OF ANSWER – DIRECTORY ASSISTANCE 6317

OD-2 LIDB, ROUTING AND OS/DA PLATFORMS 6331

OD-3 DA DATABASE UPDATE ACCURACY (APPLICABLE TO NJ ONLY) 6351

OD-3-01 6382

Deleted: NY PSC Case 97-C-0139
Deleted: 141
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Deleted: NY200401
Deleted: 06…NY200310 …Ve… [7]

% DIRECTORY ASSISTANCE UPDATE ACCURACY – INCLUDING SERVICE ORDER (ORDER ACTIVITY POST COMPLETION DISCREPANCY) ERRORS 6383
GE-1 DIRECTORY LISTING VERIFICATION REPORTS (APPLICABLE TO NJ ONLY) 6444
GE-1-01 6472
% OF DIRECTORY LISTING VERIFICATION REPORTS FURNISHED ON-TIME 6473
GE-2 POLES, DUCTS, CONDUIT AND RIGHTS OF WAY (APPLICABLE TO NJ ONLY) 6502
GE-2-01 6529
% OF ACCESS REQUEST RESPONSES TRANSMITTED ON-TIME 6530
GE-3 BONA FIDE REQUEST RESPONSES (APPLICABLE TO NJ ONLY) 6544
GE-3-01 6570
% OF BFR RESPONSES FURNISHED ON-TIME 6571
GE-4 DIRECTORY LISTING VERIFICATION REPORTS (APPLICABLE TO PA ONLY) 6585
GE-4-01 6634
% OF DIRECTORY LISTING VERIFICATION REPORTS FURNISHED ON-TIME 6635
GE-4-02 6645
% ACCURACY OF DSR/LSR INCLUSION IN DLVRS 6646
GE-4-03 6656
% DLVR CORRECTIONS FURNISHED ON TIME 6657
GE-4-04 6667
% ACCURACY OF DLVR CORRECTIONS 6668
GE-4-05 6678
WHITE PAGES ERRORS AND OMISSIONS 6679
GE-5 TIMELY AND ACCURATE PROVISIONING OF WHITE PAGE DIRECTORY LISTINGS LSRS AND DSRS (APPLICABLE TO PA ONLY) 6693
GE-5-01 6725
COMPLETION ON TIME 6726
GE-5-02 6739
ACCURACY OF PROCESSING 6740

Deleted: NY PSC Case 97-C-0139
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Category		Function	# of Metrics
Pre-Ordering	PO-1	Response Time OSS Pre-Ordering Interface	9
	PO-2	OSS Interface Availability	2
	PO-3	Contact Center Availability	2
	PO-4	Change Management Notice	3
	PO-5	Average Notification of Interface Outage	1
	PO-6	Software Validation	1
	PO-7	Software Problem Resolution and Timeliness	4
	PO-8	Manual Loop Qualification	2
Ordering	OR-1	Order Confirmation Timeliness	8
	OR-2	Reject Timeliness	6
	OR-3	Percent Rejects	2
	OR-4	Timeliness of Completion Notification	3
	OR-5	Percent Flow-Through	2
	OR-6	Order Accuracy	3
	OR-7	Percent Order Confirmation Rejects sent within 3 days	1
		Acknowledgement Timeliness	1
	OR-8	Order Acknowledgement Completeness	1
	OR-9	PON Notifier Exception Resolution Timeliness	2
	OR-10	Timeliness of Loss of Line Report	1
	OR-11	% Accuracy White Pages Directory Listings* (*Applicable to Rhode Island Only)	1
	OR-12		
Provisioning	PR-1	Average Interval Offered	10
	PR-3	Completed within Specified Number of Days (1-5 Lines)	
		Missed Appointments	6
	PR-4	Facility Missed Orders	9
	PR-5	Installation Quality	4
	PR-6	Percent Open Orders in a Hold Status	3
	PR-8	Hot Cut Performance	
	PR-9		2
			3
Maintenance & Repair	MR-1	Response Time OSS Maintenance Interface	6
	MR-2	Trouble Report Rate	5
	MR-3	Missed Repair Appointments	3
	MR-4	Trouble Duration Intervals	8
	MR-5	Repeat Trouble Reports	1
Network Performance	NP-1	Percent Final Trunk Group Blockage	4
	NP-2	Collocation Performance	8
	NP-6	NXX Updates* (*Applicable to NJ Only)	1
Billing	BI-1	Timeliness of Daily Usage Feed	1
	BI-2	Timeliness of Carrier Bill	1
	BI-3	Billing Accuracy and Claims Processing	7
	BI-4	DUF Accuracy* (*Applicable to NJ Only)	1
	BI-5	Accuracy of Mechanized Bill Feed* (*Applicable to NJ Only)	1
	BI-6	Completeness of Usage Charges* (*Applicable to NJ & PA Only)	2
	BI-7	Completeness of Fractional Recurring Charges (Applicable to NJ & PA Only)	2
	BI-8	Non-Recurring Charge Completeness (Applicable to NJ & PA Only)	2

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Category		Function	# of Metrics
Operator Services	OD-1	Operator Services – Speed of Answer/Directory Assistance	2
	OD-2	LIDB, Routing and OS/DA Platforms	0
	OD-3	DA Database Update Accuracy (Applicable to NJ Only)	1
General Standards	GE-1	Directory Listing Verification Reports (Applicable to NJ only)	1
	GE-2	Poles, Ducts, Conduit and Rights of Way (Applicable to NJ Only)	1
	GE-3	Bona Fide Request Responses (Applicable to NJ Only)	1
	GE-4	Directory Listing Verification Reports (Applicable to PA Only)	5
	GE-5	Timely and Accurate Provisioning of White Page Directory Listings LSRs and DSRs (Applicable to PA Only)	2
Glossary		Glossary of Terms	

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Appendix	Topic
A	Specials and Trunk Maintenance Code Descriptions
B	Provisioning Codes
C	Pre-Ordering Details
D	Reserved for Future Use
E	Local Number Portability Process
F	E911 Updates
G	Repair Disposition Codes
H	Flow-Through Order Scenarios
I	Trunk Forecasting Guide
J	Collocation Forecasting Guide
K	Statistical Methodology (NY, CT, MA, RI, NH, ME, PA, NJ, MD, DC, VA, VT, WV)
L	Reserved for Future Use
M	Order Accuracy Details
N	Reserved for Future Use
O	Test Deck – Weighted transaction Matrix
P	Collocation 45 Day Augment Milestone Chart
Q	Changes to the Carrier-to-Carrier Guidelines Performance Standards and Reports
R	NY Carrier Working Group Statement of Purpose and Guidelines for Participation
S	Projects Requiring Special Handling
T	Provisioning Cooperative Continuity Testing – UNE 2-Wire xDSL Loop
U	Interconnection Trunks Provided Over Loop Transport Facilities (MD only)
Exhibit 1	Additional Provisions (MD, VA, WV only)

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INTRODUCTION

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This section of the Verizon Carrier-to-Carrier (C2C) Guidelines Performance Standards and Reports provides the metrics and performance standards applicable to Verizon's state level operating entities in Connecticut, Delaware, the District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania[2], Rhode Island, Vermont, Virginia, and West Virginia. Comprehensive explanations of the standard's definitions, measurement methodologies, reporting levels, geography covered, and the current product intervals are included within this document. In addition, this section includes a glossary and appendices that provide explanatory material related to the metrics and standards. The appendices also include a description of a statistical methodology that will be applied to help assess whether there is any difference between the delivery of Verizon retail services and its wholesale products and services.

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Verizon will provide Performance Reports on a monthly basis. Any CLEC that wants to obtain reports produced pursuant to the Guidelines must update their CLEC profiles with Verizon to make the appropriate arrangements to receive the reports.

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Verizon will report at state level for metrics PR-1, PR-3, PR-4, PR-5, PR-6, PR-8, PR-9, MR-2, MR-3, MR-4, and MR-5. Verizon will provide disaggregated geographical reports in New York, to CLECs that have existing interconnection agreements which require these reports. Additionally, for New York only, CLECs may initiate a request for disaggregated geographical reports through the CLEC's Verizon Account Manager. Once the request is received, Verizon provides that CLEC with disaggregated reports, and will continue to do so until the CLEC issues a discontinue notice through the Account Manager.

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[2] Not Applicable to former GTE Territory.

Introduction- Applicable to Verizon Maine only

Changes to the C2C Guidelines may impact the measurements used in the Verizon Performance Assurance Plan ("PAP"). The following are the filing procedures for all C2C changes that affect the PAP. To the extent that a filed amendment to the C2C Guidelines reflects a final order of the NY PSC adopting "consensus" items recommended by the New York Carrier Working Group, such amendments are to become effective in the PAP in Maine immediately upon filing. Verizon Maine will file, along with the amendment, the report of the New York Carrier Working Group recommending such changes to the NY PSC.

If, however, the filed amendment reflects a final order of the NY PSC adopting "non-consensus" items submitted by the New York Carrier Working Group, such amendments will become effective in Maine immediately upon filing; provided, however, that within 30 days after Verizon Maine files the amendment with the Commission, any Party may file written comments recommending that the Commission adopt in Maine non-consensus items that the NY PSC considered and rejected in its final order, or that the Commission delete non-consensus items that the NY PSC considered and adopted in its final order, or that the Commission modify the non-consensus items that the NY PSC considered and adopted, rejected or altered in any manner in its final order. Any Party may file reply comments within 20 days after the end of the 30-day period for initial comments. The Commission will then determine within 30 days of the filing of reply comments whether to adopt in Maine the non-consensus items that the NY PSC considered and rejected, or to delete the non-consensus items the NY PSC considered and adopted, or to modify the non-consensus items that the NY PSC considered and adopted, rejected or altered in any respect in its final order. Verizon Maine will amend the Guidelines to conform with the Commission's decision within 20 days following the later of: (1) the period for filing motions for rehearing and/or reconsideration has expired with no motions having been filed; or (2) the date of a Commission order on reconsideration.

Since the PAP uses the measures and standards defined by the C2C Guidelines, once the procedures described above for an amendment to the C2C are complete, any adopted changes in the definition or standard for a C2C measurement that also appears in the PAP, will flow through to the PAP. Examples of some common changes are as follows:

- If a definition or standard is revised in the C2C Guidelines, the PAP will use the revised definition and standard for reporting results for a measure.
- If a measure is deleted in the C2C and specifically replaced with another measure, the new measure with its new definition and standard will be reported in the PAP.
- If a measure in the C2C is deleted and not replaced, the measure will continue to be reported in the PAP using the last existing definition that appeared in the Guidelines.
- If a change in the C2C includes additional product disaggregation for an existing measure, the PAP reports will continue to show the measure as a single measure using the revised definitions of the components. (any disaggregation in the PAP must wait for the annual review as associated weighting assignments must be determined).

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Changes in the statistical methods in Appendix K of the C2C Guidelines are not automatically adopted in Appendix D of the PAP. Changes in the statistical methodologies in Appendix D are likely to affect the performance scores, weighting, and other procedures in the PAP that are used in the final calculation of bill credits. For the PAP to maintain its self-executing nature, these issues must be handled in the PAP review to assure that the revisions correspond with any changes in the statistical methods in Appendix D.

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URL References

Verizon references URLs, as sources of information, throughout the Carrier to Carrier Guidelines. Wherever a URL is referenced, Verizon utilizes the information published on the URL at the time of the compliance filing. The table below lists the URL referenced, the metrics impacted and a General Description of the information found on the URL.

URL	Impacted Metrics	General description of URL Information
http://www22.verizon.com/wholesale/attachments/2004_east_holiday_schedule.pdf Note: this URL will be in effect in 2004.	PO-1, PO-2, PO-8, OR-1, OR-2, BI-1, BI-3	The list of the current year Holidays that Verizon recognizes.
http://www22.verizon.com/wholesale/clecsupport/content/0,16835,east-wholesale-html-national_market_centers,00.html	PO-3	Lists the center hours
http://www22.verizon.com/wholesale/attachments/RESALEINV.pdf http://www22.verizon.com/wholesale/attachments/UNE_INTERVALS.xls http://www22.verizon.com/wholesale/attachments/UNE-PstndrdIntvls.pdf http://www22.verizon.com/wholesale/attachments/Collocation_Intervals.xls	OR-1, OR-2, PR-1, PR-3	Lists the product intervals.
http://www22.verizon.com/wholesale/clecsupport/content/1,16835,East%20east-wholesale-customer_docs-verizon_east_cust_docs,00.html	MR-2	Lists disposition codes.
http://www22.verizon.com/wholesale/local/collocation/portal/1,20615,c_applications_instructions,00.html	NP-2	Lists the collocation application instructions.
http://www.bell-atl.com/tariffs_info/intra/index.htm	NP-2	Lists the state tariffs.
http://www22.verizon.com/wholesale/local/billing/content/1,20531,e_inquiries,00.html	BI-3	Provides information on billing Inquiries, Claims and Adjustments
Verizon North: http://www.verizon.com/wholesale/clecsupport/east/business_rules/downloads/vznorth_ft032103.pdf Verizon South:http://www.verizon.com/wholesale/clecsupport/east/business_rules/downloads/vzsouth_ft032103.pdf	OR – Appendix H	List of Generic Order Flow-Through scenarios

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GENERAL EXCLUSIONS

Test Ids

Test Ids are excluded from all Carrier to Carrier metric calculations.

Verizon Affiliate Reporting

Verizon affiliate reporting (including Data Services Network Operations (DSNO) formerly known as VADI) is always excluded from CLEC aggregate data for all metrics.

Internally generated LSRs and Service Orders

Internally Generated LSRs are excluded from the Ordering metrics.
Internally Generated Service Orders are excluded from the Provisioning metrics.

GENERAL NOTES

Verizon North includes: CT, MA, ME, NH, NY, RI and VT
Verizon Mid-Atlantic includes: DC, DE, MD, NJ, PA, VA and WV

Verizon East includes: CT, DC, DE, MA, MD, ME, NH, NJ, NY, PA[3], RI, VA, VT, and WV

[3] Not applicable to the territory in former GTE.

Retail Analog Compare Table

The table below illustrates the retail compare group for the Provisioning and Maintenance metrics.

	Wholesale Service	Retail Analog
Provisioning metrics -	Resale POTS – Residence	Retail POTS – Residence
ALL where parity is standard	Resale POTS – Business	Retail POTS – Business
Exceptions Noted below:	Resale POTS – Total	Retail POTS – Total
	Resale 2-Wire Digital Services	Retail ISDN (2-Wire Digital)
	UNE POTS Platform	Retail POTS – Total
	UNE POTS Loop New	Retail POTS – Total
	UNE POTS Total	Retail POTS Total
	UNE POTS Loop -– Total	Retail POTS – Total
	UNE 2-Wire Digital Loop	Retail ISDN (2-Wire Digital)
	UNE 2–Wire xDSL Loop	VADI/DSNO Line Sharing
	UNE 2-Wire xDSL Line Share	VADI/DSNO Line Sharing
	UNE 2-Wire xDSL Line Splitting	VADI/DSNO Line Sharing
	Resale DS0	Retail DS0
	Resale DS1	Retail DS1
	Resale DS3	Retail DS3
	UNE DS0	Retail DS0
	UNE DS1	Retail DS1 [4]
	UNE DS3	Retail DS3
	UNE IOF	Retail DS3
	UNE EEL – Back bone	Retail DS1 [4]
	UNE EEL – Loop	Retail DS1 [4]
	UNE EEL	Retail DS1 [4]
	Interconnection Trunks (CLEC)	IXC Feature Group D Trunks
	Specials – Total	Retail Specials – Total
	Resale Specials Other	Retail Specials Other
	UNE Specials Other	Retail Specials Other
	Resale POTS/Complex	Retail POTS – Total (All)
	UNE POTS/Complex	Retail POTS – Total (All)
Exceptions for provisioning:		
PR-1-09	UNE EEL and IOF	No retail compare. Refer to the EEL and IOF legends on the C2C report template for the performance standards.
PR-4-02	UNE 2-Wire xDSL Loop	Retail Specials DS0
PR-6	UNE 2-Wire xDSL Loop	Retail POTS – Dispatched
PR-6	UNE 2-Wire Digital	Retail POTS – Dispatched
PR-6-01	UNE POTS Loop-Total	Retail POTS – Dispatched
PR-8	UNE 2-Wire xDSL Loop	Retail Specials DS0
Maintenance Measures:	Resale POTS – Residence	Retail POTS – Residence
ALL where parity is standard	Resale POTS – Business	Retail POTS – Business
	Resale POTS – Total	Retail POTS – Total (Business and Residence)
	Resale 2-Wire Digital Services	Retail ISDN (2-Wire Digital)
	UNE Platform – Total	Retail POTS – Total (Business and Residence)
	UNE Platform – Residence	Retail POTS – Residence
	UNE Platform – Business	Retail POTS – Business
	UNE Loop	Retail POTS – Total (Business and Residence)
	UNE 2-Wire Digital Loop	Retail POTS – Total (ALL)[5]

[4] Retail DS1 should exclude feature changes on PRI ISDN (no dispatch)

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Retail Analog Compare Table, continued

Maintenance Measures, continued:	UNE 2-Wire xDSL Loop	Retail POTS – Total (ALL)[5]
ALL where parity is standard	UNE 2-Wire xDSL Line Share	VADI/DSNO Line Sharingj
	UNE 2-Wire xDSL Line Splitting	VADI/DSNO Line Sharing
	Resale Specials DS0 & below	Retail Specials DS0 & below
	Resale Specials DS1 & above	Retail Specials DS1 & above
	Resale Specials (Total)	Retail Specials (Total)
	UNE Specials DS0 & below	Retail Specials DS0 & below
	UNE Specials DS1 & above	Retail Specials DS1 & above
	UNE Specials (Total)	Retail Specials (Total)
	Interconnection Trunks (CLEC)	IXC Feature Group D Trunks
Exceptions for Maintenance MR-4-07 and MR-4-08	UNE POTS Loop	Retail POTS (Total Loop and CO Frame/Wiring troubles) **Note:** excludes translation and switch troubles

[5] Retail POTS – Total (ALL) includes Business (simple) plus Residence (simple) plus ISDN BRI (complex).

Product Code Information

The table below defines the product codes listed on the monthly C2C reports.

Sub-Code	Product
1000	**Resale & UNE combined**
1021	Operator Service Center
1030	Directory Listing
1100	Resale & UNE Combined POTS
1110	Resale & UNE Combined POTS Business
1120	Resale & UNE Combined POTS Residence
1200	**Resale & UNE Combined Specials**
1210	Resale & UNE Combined Specials DS0
1211	Resale & UNE Combined Specials DS1
1213	Resale & UNE Combined Specials DS3
1214	Resale & UNE Combined Specials (Non DS0, DS1 & DS3)
1216	Resale & UNE Combined Specials (Non DS0 & DS0)
1217	Resale & UNE Combined Specials (DS1 & DS3)
1300	**Resale & UNE Combined Complex Services**
1341	Resale & UNE Combined 2-Wire Digital Services
1342	Resale & UNE Combined 2-Wire xDSL Loops
1343	Resale & UNE Combined POTS 2-Wire xDSL Line Sharing
2000	**Resale**
2030	Resale & UNE
2031	Resale Directory Listing Orders
2100	Resale POTS
2103	Resale POTS/Complex
2104	Resale POTS/Pre-qualified Complex
2110	Resale POTS Business
2120	Resale POTS Residence

Sub-Code	Product
2200	**Resale Specials**
2210	Resale Specials DS0
2211	Resale Specials DS1
2213	Resale Specials DS3
2214	Resale Specials (Non DS0, DS1 & DS3)
2216	Resale Specials (Non DS0 & DS0)
2217	Resale Specials (DS1 & DS3)
2300	**Resale Complex**
2320	Resale POTS + Complex / Pre-qualified
2341	Resale 2-Wire Digital Services
2342	Resale 2-Wire xDSL Services
3000	**UNE**
3031	UNE Directory Listing Orders
3100	UNE POTS
3111	UNE POTS – Hot Cut Loop
3112	UNE POTS – Loop
3113	UNE POTS – Loop New
3121	UNE POTS – Other
3122	UNE POTS - Other (UNE Switch & INP)
3133	UNE POTS & Complex
3140	UNE POTS Platform
3142	UNE POTS – Platform & Other (UNE Switch & INP)
3143	UNE Platform
3144	UNE Platform Business
3145	UNE Platform Residence
3200	**UNE Specials**
3210	UNE Specials DS0
3211	UNE Specials DS1
3213	UNE Specials DS3
3214	UNE Specials (Non DS0, DS1 & DS3)
3216	UNE Specials (Non DS0 & DS0)
3217	UNE Specials (DS1 & DS3)

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Sub-Code	Product
3300	**UNE Complex**
3320	UNE Loop/Pre-qualified Complex/LNP + Platform
3331	UNE Loop/Pre-qualified Complex/LNP
3340	UNE 2-Wire xDSL - Line Sharing & Line Splitting
3341	UNE 2-Wire Digital Services
3342	UNE 2-Wire xDSL Loops
3343	UNE 2-Wire xDSL - Line Sharing
3345	UNE 2-Wire xDSL - Line Splitting
3346	UNE 2-Wire Digital Services & 2-Wire xDSL Loops
3347	UNE 2-Wire Digital Services & 2-Wire xDSL Loops & Analog Loop
3500	**Additional UNE Services**
3510	UNE EEL
3511	UNE EEL – Backbone
3512	UNE EEL – Loop
3520	UNE Hot Cut
3530	UNE IOF
3540	UNE LNP
3550	UNE Loop
3551	UNE Loop – New
4100	**Top 100 POTS**
4110	Top 100 POTS Business
4120	Top 100 POTS Residence
4200	Top 100 Specials
4300	Top 100 Complex
5000	**CLEC Trunks**
5010	CLEC Trunks (<= 96 Forecasted Trunks)
5020	CLEC Trunks (<= 192 Forecasted Trunks)
5030	CLEC Trunks (> 192 and Unforecasted Trunks)
5040	Reciprocal Trunks
5400	CLEC Trunks Dedicate
6000	**Systems Metrics**
6020	EDI
6030	CORBA
6040	Maintenance Web GUI (RETAS)
6050	Pre-order/Order Web GUI aka LSI/W
6060	Maintenance - Electronic Bonding Interface
6070	Electronic
6080	Retail Maintenance Web GUI(RETAS) & Retail Pre-order/Order Web GUI (LSI/W) combined

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Sub-Code	Product
6600	**Change Notification & Confirmation Combined**
6601	Change Notification (Total Type 1-5)
6602	Change Confirmation (Total Type 1-5)
6610	Change Notification & Confirmation - Emergency Maintenance
6611	Change Notification - Emergency Maintenance
6612	Change Confirmation - Emergency Maintenance
6620	Change Notification & Confirmation - Regulatory
6621	Change Notification - Regulatory
6622	Change Confirmation - Regulatory
6630	Change Notification & Confirmation - Industry Standard
6631	Change Notification - Industry Standard
6632	Change Confirmation - Industry Standard
6640	Change Notification & Confirmation - BA Originated
6641	Change Notification - BA Originated
6642	Change Confirmation - BA Originated
6650	Change Notification & Confirmation - TC Originated
6651	Change Notification - TC Originated
6652	Change Confirmation - TC Originated
6660	Change Notification & Confirmation - Industry Standard, Verizon Originated and TC Originated
6661	Change Notification - Industry Standard, Verizon Originated and TC Originated
6662	Change Confirmation - Industry Standard, Verizon Originated and TC Originated
6670	Change Notification & Confirmation - Emergency Maintenance and Regulatory
6671	Change Notification - Emergency Maintenance and Regulatory
6672	Change Confirmation - Emergency Maintenance and Regulatory
6700	**Collocation**
6701	Collocation - New Applications
6702	Collocation - Augment Applications - 45 days and 76 days combined
6703	Collocation - Physical
6704	Collocation - Virtual
6711	Collocation - Augment Applications - 76 days
6712	Collocation - Augment Applications - 45 days
6801	Collocation - Aggregate Total of % On Time Response to Request
6802	Collocation - Aggregate Total of % On Time
6803	Collocation - Aggregate Total of Average Delay Days
6110	Physical, SCOPE, CCOE, Virtual - New
6120	Physical, SCOPE, CCOE, Virtual - Augment

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Sub-Code	Product
9000	**Retail**
9100	**Retail POTS**
9102	Retail POTS - Total (Res + BUS)
9103	Retail POTS - Total ALL (RES + BUS + ISDN BRI)
9104	Retail POTS - Dispatched
9110	Retail POTS Business
9120	Retail POTS Residence
9200	**Retail Specials**
9210	Retail Specials DS0
9211	Retail Specials DS1
9212	Retail Specials DS1 - excluding feature changes PRI ISDN
9213	Retail Specials DS3
9214	Retail Specials (Non DS0, DS1 & DS3)
9215	Retail Specials - Other
9216	Retail Specials (Non DS0 & DS0)
9217	Retail Specials (DS1 & DS3)
9300	**Retail Complex**
9341	Retail 2-Wire Digital Services
9343	Retail 2-Wire xDSL - VADI/DSNO Line Sharing
9500	**Retail Trunks (IXC Feature Group D Trunks)**
9600	**Retail Systems Metrics**

Section 1

Pre-Ordering Performance

(PO)

	Function	Number of Sub-metrics
PO-1	Response Time OSS Pre-Ordering Interface	9
PO-2	OSS Interface Availability	2
PO-3	Contact Center Availability	2
PO-4	Change Management Notice	3
PO-5	Average Notification of Interface Outage	1
PO-6	Software Validation	1
PO-7	Software Problem Resolution and Timeliness	4
PO-8	Manual Loop Qualification	2

Function:
PO-1 Response Time OSS Pre-Ordering Interface
Definition:
This metric measures the response time of the OSS Pre-Ordering Interface. **Response Time:** For metrics PO-1-01 through 1-06, and PO-1-09, response time is the amount of time, rounded to the nearest 1/100th of a second for a successful Pre-Order transaction. **Note:** Successful transactions are those where the requested information was returned to the requestor, and errors are those responses that did not contain the requested information. For CLEC transactions, response time is measured from receipt of the request at Verizon's interface to the time that the response is sent to the CLEC. For Verizon retail simulated transactions, performance is measured between the issuance of a Pre-Ordering query and the successful receipt of the requested information in a specific field and screen. For PO-1-07, response time is the amount of time, rounded to the nearest 1/100th of a second, between the issuance of a Pre-Ordering query and the receipt of an error message associated with a rejected query. **Average Response Time**: Average Response Time is the sum of the response times divided by the number of Pre-Ordering queries in the report period. It is calculated separately for PO-1-01 through PO-1-07, and PO-1-09. Queries that time-out are excluded from the calculation of Average Response Time. **Rejected Query:** A rejected query is a query that cannot be processed successfully due to incomplete or invalid information submitted by the sender, which results in an error message back to the sender. **Time-out:** % Timeouts are measured in PO-1-08. A query is considered to be a time-out when the requested information (or an error message) is not provided within 60 seconds. Time-outs are set at long intervals to ensure that average response times include long response times but do not include queries that will never complete.
Exclusions:
Normal exclusions include Saturday, Sunday, and major holidays, as well as hours outside of the normal report period. Refer to the URL matrix at the beginning of the C2C guidelines to obtain the URL for the current year's holiday schedule in effect at the time of the compliance filing. **Note:** The file is an adobe acrobat file, Acrobat Reader is necessary to read the pdf file. **Note:** If response time aberrations occur due to EnView robot failures or network failures between EnView and the VZ Operations Support Systems (OSS), VZ notes such failure times, and reports the data without exclusion in a footnote on the report.

Performance Standard:

The Performance Standards for the PO-1 metrics are as follows:

For PO-1-01 through PO-1-03, and PO-1-05 through PO-1-07:

- EDI and CORBA (application to application interfaces)*:* Parity with Retail plus not more than four (4) seconds. The four (4) second difference allows for variations in functionality and additional security requirements of interface.
- WEB GUI / Local Service Interface / Wholesale (LSI/W): Parity with Retail plus not more than seven (7) seconds. The seven (7) second difference allows for variations in functionality and additional security requirements of interface.

For PO-1-04, Product & Service Availability, and PO-1-09, Parsed CSR: Parity with Retail, plus not more than 10 seconds.

For PO-1-08: Not greater than 0.33%.

Methodology:

The measurements for all PO-1 metrics (except PO-1-07) are derived from actual production transactions for CLEC transactions and from simulated Pre-Ordering queries generated by Verizon's EnView (formerly referred to as Sentinel) system for VZ retail transactions and CLEC PO-1-07 transactions.

For retail (and CLEC PO-1-07) transactions, EnView replicates the keystrokes a VZ Service Representative would enter for a valid Pre-Ordering inquiry transaction, and measures the response time from when the *Ente*r key is hit until a response from the Pre-Ordering OSS is received back on the display screen.

At least ten VZ retail (and CLEC PO-1-07) simulated queries are generated per hour for each type of query.

The total number of simulated queries depends on the average response times.

Each query has a unique name that is based on time and date. The EnView robot monitors for a matching response, and identifies successful responses by the file extension names. The file extension varies according to whether the transaction was successful or experienced an error or time-out condition. Successful response for an Address Validation request is identified by a file extension of ***ada***. The file is then read to ensure it starts and ends with the appropriate indicators for a successful transaction.

EnView also generates at least ten simulated incomplete or invalid Pre-Ordering queries per hour to enable measurement of PO-1-07 Average Response Time – Rejected Query.

Data is reported based on transactions occurring between 8:00AM and 9:00PM Monday through Friday, ***excluding*** New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

Formula:

∑ Response Times for each transaction divided by the Number of Transactions for each transaction type.

Note: For all PO-1 **Retail** sub-metrics, and for sub-metric PO-1-07, the formula is: Response times for each transaction divided by the number of simulated transactions for each transaction type.

Report Dimensions:	
Company: VZ Retail[6] • CLEC Aggregate • CLEC Specific (PO-1-09 only)	Geography: • State Specific
Products	CLEC Aggregate: • EDI • CORBA • WEB GUI / LSI/W **Note:** Metric PO-1-09 ***Parsed CSR*** does not go through the WEB GUI/LSI/W interface, therefore, sub-metric PO-1-09 does not report WEB GUI /LSI/W results.

Sub-Metrics – PO-1 Response Time OSS Pre-Ordering Interface		
PO-1-01 Average Response Time – Customer Service Record (CSR)		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for CSR transactions.	Number of CSR transactions.
PO-1-02 Average Response Time – Due Date Availability		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Due Date (DD) Availability.	Number of DD Availability transactions.
PO-1-03 Average Response Time – Address Validation		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Address Validation.	Number of Address Validation transactions.
PO-1-04 Average Response Time – Product & Service Availability		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Product and Service Availability.	Number of Product and Service availability transactions.
PO-1-05 Average Response Time – Telephone Number Availability & Reservation [7]		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Telephone Number Availability/Reservation.	Number of Telephone Number Availability/Reservation transactions.
PO-1-06 Average Response Time – Mechanized Loop Qualification – xDSL		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Mechanized Loop Qualification.	Number of Mechanized Loop Qualification transactions.
PO-1-07 Average Response Time – Rejected Query		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for a rejected query.	Number of rejected query transactions.
PO-1-08 % Timeouts		
Calculation	**Numerator**	**Denominator**
	Number of transactions that timeout.	Total number of transactions.

[6] For sub-metric PO-1-09, there is no Parsed CSR for retail, therefore basic CSR will be reported for retail performance.

[7] While Address Validation can be completed on a stand-alone basis, Telephone Number reservation is always combined with Address Validation. For VZ retail representatives this is a required two step process requiring two separate transactions.

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Sub-Metrics – PO-1 Response Time OSS Pre-Ordering Interface, continued		
PO-1-09 Parsed CSR		
Calculation	**Numerator**	**Denominator**
	Sum of all response times for Parsed CSR transactions.	Number of Parsed CSR transactions.

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Function:
PO-2 OSS Interface Availability
Definition:
This metric measures the OSS Interface Availability. The OSS Interface Availability metric is a measurement of the time during which the electronic OSS Interface is actually available as a percentage of scheduled availability. Verizon Service Representatives and CLEC Service Representatives obtain Pre-Ordering information from the same underlying OSS. Thus, if a particular OSS is down, it is equally unavailable to both Verizon employees and CLEC employees. Any difference in availability, therefore, is caused by unavailability of the OSS interface. Scheduled Availability is as follows: • Prime Time: 06:00:00 to 23:59:59 EST Monday through Saturday, ***excluding*** major Holidays • Non-Prime Time: 00:00:00to 05:59:59 EST Monday through Saturday, and all day Sundays and Holidays. **Note**: The number of downtime hours is noted in the Carrier to Carrier (C2C) reports under the ***Observations*** column heading. Major Holidays include: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Separate measurements are performed for each of the following: Pre-Ordering/Ordering EDI, Pre-Ordering/Ordering/Maintenance Web GUI (Local Services Interface/Wholesale (LSI/W)), CORBA, and Maintenance Electronic Bonding Interface (EB). Each availability interface is measured separately with each interface having its own set of processing complexes. A processing complex consists of a set of servers that serve as primary and backup. The number of processing complexes associated with each interface (EDI, CORBA or WEB GUI (also known as LSI/W)) varies as needed, however, the metric calculations performed for each interface includes the number of processing complexes associated with the individual interface. For example, when determining the number of Prime-Time minutes scheduled for the month, for the EDI interface, the number of processing complexes associated with EDI is factored into the calculation. The EnView process will be expanded/updated to monitor and report on future OSS processes.
Exclusions:
The following exclusions apply: • Troubles reported but not found in VZ's systems. • Troubles reported by a CLEC that were not reported to VZ's designated trouble reporting center. • Scheduled interface outages for major system releases where CLECs were provided with advanced notification of the downtime in compliance with VZ Change Management Guidelines.
Performance Standard:
PO-2-02: ≥ 99.5% **PO-2-03**: no standard

Methodology – PO-2 OSS Availability

Verizon calculates the PO-2 OSS Availability metric by combining CLEC reported outages (received via the Wholesale Customer Care Center (WCCC)) with EnView reported outages. Verizon measures CLEC reported outages, based on actual reported time frames as well as any outages captured by EnView (and not reported by CLECs).

The Wholesale Customer Care Center receives OSS availability trouble reports from CLECs, and logs each trouble in to a tracking system. Verizon reviews data from the tracking system each week to determine which troubles were interface outages, and thus included in the PO-2 calculation. This data is supplemented with outages captured by EnView to calculate the final metric results.

The EnView methodology is as follows: EnView is used as an alarm for system availability and supplements CLEC reported outages. If no CLEC reported an outage, but EnView detected an outage, the EnView outage is included as if the entire CLEC population experienced the outage.

EnView measurement of the EDI, CORBA and WEB GUI aka LSI/W interfaces availability is as follows: The mechanized OSS interface availability process is based on the transactions created by the EnView Robots. The program determines whether the EnView transactions were successful or unsuccessful, or if no transactions were issued (not polled). Transactions are processed by transaction type separately for each interface type and OSS. The hours of the day are divided into six (6) minute measurement periods.

If the Verizon interface, for any Pre-Order transaction type, in a six (6) minute measurement period has at least one successful transaction, then that interface is considered available. Individual interface unavailability is calculated only when all its transactions are unsuccessful and at least one of the corresponding OSS transactions is successful. This indicates that the interface was not available while at least one OSS was available. In this case, the six (6) minute measurement period is counted as unavailable. If it is determined that no Enview transactions were issued, then the six minute measurement period is excluded from all calculations since this is an indication of an EnView problem and not a specific Verizon interface problem.

The EnView data is compared to the actual CLEC reported outages, and matched up according to the outage's reported time frame. If the EnView time frame matches the actual reported outage (from the WCCC) time-frame, the outage is included (once) in the metric based on the reported time-frame.

If the comparison of the EnView results with the CLEC reported outages indicates that a time-frame is overlapping, then Verizon uses the earliest start time of the outage, and the latest end-time of the outage to calculate the metric result.
Availability is calculated by dividing the total number of six (6) minute measurement periods in a 24-hour day (excluding unmeasured six (6) minute measurement periods) into the number of periods with no successful transactions for the day and subtracting this from 1 and multiplying by 100.

For example, there are potentially 180 six (6) minute measurement periods in an 18-hour period. If two six (6) minute measurement periods lack successful transactions, then availability equals (1-(2/180)) x 100 = 98.89% Availability.

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Trouble Logs: Verizon will make Verizon's trouble logs (which contain CLEC reports that the interface is not available) available to the CLECs for inspection.

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PO-2 Formula:		
(Number of hours scheduled minus the number of scheduled hours not available) divided by (Number of hours scheduled) multiplied by 100. For example (assuming all processing complexes are scheduled to be operational for the entire month): **Step One:** Determine prime-time scheduled minutes in a month. This is accomplished by [(number of days (Monday through Saturday) in the report month) x (scheduled prime-time hours per day) x (sixty (60) minutes)] x the number of processing complexes. **Step Two:** Determine number of outage minutes in a month. **Step Three:** [(prime-time scheduled minutes in a month minus outage minutes in a month) / (prime-time scheduled minutes in a month)] x 100 = Prime-Time Availability %		
Report Dimensions:		
Company: • CLEC Aggregate		Geography: • Verizon North: NY, CT, MA, NH, RI, VT & ME • Verizon Mid-Atlantic: PA, DE, NJ, DC, MD, VA, WV
Products	• Maintenance Web GUI (RETAS) / Pre-Ordering/Ordering Web GUI • EDI • CORBA • Maintenance – Electronic Bonding Interface	
Sub-Metrics – OSS Interface Availability		
PO-2-02 OSS Interface Availability – Prime-Time		
Calculation	**Numerator**	**Denominator**
	Total number of scheduled prime-time hours in the month for all available processing complexes minus the total number of unscheduled outage hours during prime-time in the month for all available processing complexes.	Total number of scheduled prime-time hours in the month for all available processing complexes.
PO-2-03 OSS Interface Availability – Non-Prime-Time		
Calculation	**Numerator**	**Denominator**
	Total number of scheduled non-prime-time hours in the month for all available processing complexes minus the total number of unscheduled outage hours during non-prime-time hours in the month for all available processing complexes.	Total number of scheduled non-prime-time hours in the month for all available processing complexes.

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Function:
PO-3 Contact Center Availability
Definition:
This metric measures the Contact Center Availability. Contact Center Availability is the hours of operation for the Centers that support CLECs for Ordering, Provisioning, Maintenance and Billing issues. Contact with CLECs is designed to take place via direct access systems. Carrier Support Centers are designed to handle fall-out and not large call volumes. This metric also includes **Speed of Answer – CLEC** centers. Speed of Answer is measured for Ordering and Repair queues. This measure is reported out of the Automated Call Distributor (ACD). The Speed of Answer measure includes calls that go to the main number in the center, either directly or from overflow (CLECs choosing the option of the main number). **Note**: % within 30 seconds includes 15% of Abandons and 10% of Busies in the denominator. Speed of Answer is measured in seconds from the time a call enters the VZ ACD until a representative answers the call. CLECs have the choice of calling the order processing 800 number, in which case the call is directed to the next available representative through ACD, or CLECs can call their dedicated representatives on the representative's direct line. If the representative is not available, the CLEC can leave a voice mail or press 0 and be transferred to a pool of representatives. VZ measures speed of answer for calls to the 800 number and for calls where the CLEC presses 0 to speak to the next available representative. The Speed of Answer measurements begin as follows: For calls to the 800 number, the measurement begins when the call enters VZ's ACD. For calls to a dedicated representative, the measurement begins when the CLEC presses 0. In each case, the measurement ends when a representative answers the call.
Exclusions:
Calls directed to and answered by dedicated representatives.
Performance Standard:
PO-3-02 and PO-3-04: 80% within 30 seconds Center Hours of Operation: Repair Help Desk: 24 hours per day – seven (7) days a week Order Processing Assistance: 8:00AM to 6:00PM Monday through Friday. **Note:** The Repair Help Desk is measured in metric PO-3-04. The Order Processing Assistance Center is measured in metric PO-3-02. Refer to the URL matrix at the beginning of the C2C guidelines to obtain the URL that provides the various center hours of operation schedules. After accessing the web-site, select a center to receive center-specific information.

Report Dimensions		
Company: • CLEC Aggregate		Geography: **PO-3-02**: • Verizon North NY, CT, MA, NH, RI, VT and ME: UNE & Resale combined • Verizon Mid-Atlantic PA, DE, NJ, DC, MD, VA, WV: UNE & Resale combined **PO-3-04**: Verizon East: UNE & Resale combined
Products	• Resale	• UNE
Sub-Metrics		
PO-3-02	**% Answered within 30 Seconds – Ordering**	
Calculation	**Numerator**	**Denominator**
	Number of calls to main number answered within 30 seconds after the call was received by the ACD.	Total calls answered by Ordering Center plus 15% of abandoned calls plus 10% of busy calls.
PO-3-04	**% Answered within 30 Seconds – Repair**	
Calculation	**Numerator**	**Denominator**
	Number of calls to main number answered within 30 seconds after the call was received by the ACD.	Total calls answered by Repair Center plus 15% of abandoned calls plus 10% of busy calls.

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Function:		
PO-4 Timeliness of Change Management Notice		
Definition:		
These sub-metrics measure the percent of Change Management Notices and associated documentation availability sent before implementation according to prescribed timeliness standards within prescribed timeframes. Documentation is not considered available until all material changes are made.		
Exclusions:		
None**.**		
Performance Standard:		
PO-4-01: 95% **PO-4-02**: No standard **PO-4-03**: No delayed notices and documentation over eight (8) calendar days. The Timeliness standards for the PO-4 sub-metric products are listed below and are in accordance with those set forth in the Change Management Processes and Procedures. VZ will comply with applicable Change Management Processes and Procedures. * Regulatory changes will vary based on application law/regulatory rules.		
Timeliness Standards:		
Change type	**Change Notification**: Interval between notification and implementation	**Change Confirmation**: Final Documentation Availability before implementation[8]
Type 5 – CLEC originated	≥ 73 calendar days for business rules, ≥ 66 calendar days for technical specifications	>= 45 calendar days
Type 4 – Verizon originated	≥ 73 calendar days for business rules, ≥ 66 calendar days for technical specifications	>= 45 calendar days
Type 3 – Industry Standard	≥ 73 calendar days for business rules, ≥ 66 calendar days for technical specifications	>= 45 calendar days
Type 2 – Regulatory	Time periods established in Regulatory Order. If no time periods set, default to above time period.	Time periods established in Regulatory Order. If no time periods set, change notification and change confirmation is negotiated on an individual case basis through the Change Management Process.
Type 1 – Emergency Maintenance	Notification before implementation	N/A
Report Dimensions		
Company: CLEC Aggregate		Geography: • Verizon North: NY, CT, MA, NH, RI, VT, ME • Verizon Mid-Atlantic: PA, DE, NJ, DC, MD, VA, WV
Products	Change Notification: • Type 1 – Emergency Maintenance and Type 2 Regulatory (combined) • Type 3 – Industry Standard, Type 4 VZ originated, and Type 5 – CLEC originated (combined)	Change Confirmation • Type 2 – Regulatory • Type 3 – Industry Standard, Type 4 VZ originated, and Type 5 – CLEC originated (combined)

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[8] Type one (1) change confirmation is not applicable.

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Sub-Metrics		
PO-4-01 % Change Management Notices sent on Time		
Calculation	**Numerator**	**Denominator**
	Change Management Notifications sent within required time frames.	Total number of Change Management Notices sent.
PO-4-02 Change Management Notice – Delay one (1) to seven (7) days		
Calculation	**Data Value**	
	Cumulative delay days for all notices sent one (1) to seven (7) days late.	
PO-4-03 Change Management Notice – Delay eight (8) plus days		
Calculation	**Data Value**	
	Cumulative delay days for all notices sent eight (8) or more days late.	

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Function:		
PO-5 Average Notification of Interface Outage		
Definition:		
This metric measures the average amount of time that elapses between VZ identification of a Verizon interface outage and VZ notification to CLECs that an outage exists. Notification is sent via electronic mail when a Verizon system outage occurs that prevents the CLECs from performing transactions for Pre-Ordering, Ordering, or Maintenance through any of the production interfaces and the outage affects more than one CLEC. **Note:** Notification of Network Outages (different than Interface Outages) are covered in the Network Performance section. Detailed information on network outages can also be found in the CLEC Handbook.		
Exclusions:		
None.		
Performance Standard:		
Not more than 20 minutes.		
Report Dimensions		
Company: • CLEC Aggregate		Geography: • Verizon East
Sub-Metrics		
PO-5-01 Average Notice of Interface Outage		
Calculation	**Numerator**	**Denominator**
	Date and time of outage notification to CLECs minus date and time the interface outage was identified by VZ.	Total number of interface outages for which notice was given.

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Function:
PO-6 Software Validation
Definition:
This metric measures software validation. Verizon installs software releases three (3) times per year (usually during the months of February, June and October). Verizon tests the software release functionality by executing a test deck of transactions to validate that functionality in a software release works as designed. Each transaction in the test deck is assigned a weight factor, which is based on the weights that have been assigned to the metrics in any Performance Assurance Plan (PAP). Within the software validation metric, weight factors will be allocated among transaction types *(e.g., Pre-Order, Resale-Order, UNE-Order, Platform-Order)* and then equally distributed across specific transactions within type. The initial array-of-weights for the transaction types are displayed in Appendix O. If test transactions are added to the test deck, the distribution of weights between transaction types will be retained, and then equally re-distributed across specific transactions within type. The allocation of weight factors among transaction types may be adjusted as part of the annual review process. Verizon will execute the test deck at the start of the Quality Assurance (QA) and at the completion of QA. Within one (1) business day, following a non-emergency software release to production as communicated through Change Management, Verizon will begin to execute the test deck in production using training mode. Upon completion of the test, Verizon will report the number of test deck transactions that were rejected or otherwise failed during execution of the test. Each failed transaction will be multiplied by the transaction's weight factor. A transaction is considered failed if the request cannot be submitted or processed, or results in incorrect or improperly formatted data. This software validation metric is defined as the ratio of the sum of the weights of failed transactions in production using training mode to the sum of the weights of all transactions in the test deck. For those months that Verizon executes the test deck, the observations column on the C2C report is populated with the combined total of the two most current LSOG versions. The performance is populated with the score Verizon received based on the weights. For those months that Verizon does not execute the test deck, the C2C report Is populated with the notation ***R3*** to indicate the test deck is executed three (3) times per year.
Exclusions:
None.
Performance Standard:
PO-6-01: < = 5%
Report Dimensions:

Company:	Geography:
• CLEC Aggregate	• Verizon North: NY, CT, MA, NH, RI, VT and ME • PA, DE & NJ: Verizon PA, DE, NJ [Combined] • MD, DC, VA & WV: Verizon MD, DC, VA, WV [Combined]

Sub-Metrics		
PO-6-01 Software Validation		
Calculation	**Numerator**	**Denominator**
	Sum of weights of failed transactions.	Sum of weights of all transactions in the test deck.

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Function:
PO-7 Software Problem Resolution Timeliness
Definition:
This metric measures Software Problem Resolution Timeliness. Verizon installs software CLEC-affecting releases three (3) times per year (usually during the months of February, June, and October). After each major CLEC-affecting software release, Verizon tracks the number of rejected Pre-Order and Order transactions reported to the Wholesale Customer Care Center (WCCC), those rejected transactions resulting from the test deck execution, and the time frame to resolve the problem. For the purposes of this metric, rejected transactions caused by Verizon code or documentation errors or omissions that result in Type 1 changes are production referrals. PO-7-01 is defined as the ratio of production referrals resolved within target response intervals to the total number of production referrals, during the 30 calendar days following a major CLEC-affecting software release. For those months that Verizon installs software releases, (usually February, June and October) the PO-7-04 sub-metric is populated on the C2C report with data in accordance with the sub-metric definition. R3 is reported in all other months for PO-7-04 to indicate CLEC-affecting software releases are installed three (3) times per year. For sub-metrics PO-7-01, PO-7-02, and PO-7-03, the C2C report is populated with data in the month *following* the software release (usually March, July and November). R3 is reported in all other months for PO-7-01, PO-7-02, and PO-7-03 to indicate CLEC affecting software releases are installed three (3) times per year. Note: In the event any of the three major CLEC-affecting software releases are installed outside the usual schedule, the data will be populated in accordance with the rules documented above. For example, if the February release was installed in March, PO-7-04 data would be populated in March, and PO-7-01, PO-7-02 and PO-7-03 data would be populated in April.
Exclusions:
Failed Pre-order and Order transactions reported to the WCCC after 6:00PM on Friday and before 9:00AM on Monday will be treated as though they were received at 9:00 AM Monday.
Performance Standard:
PO-7-01: >= 95% **PO-7-02 and PO-7-04**: 48 Hours **PO-7-03**: 10 days **Note:** The data value populated on the C2C report for PO-7-02, 7-03 and 7-04 represents the number of hours (or days) beyond the standard. ***For example,*** a 50 hour delay for metric PO-7-02 and 7-04 would have a two (2) hour delay populated in the performance column to indicate the performance was two hours beyond the 48 hour standard. **Problem Resolution Timeliness Standard** measured from time the trouble was reported to the WCCC (see Appendix O).

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Report Dimensions:	
Company: • CLEC Aggregate	Geography: **PO-7-01, PO-7-02, and PO-7-03**: • Verizon East **PO-7-04**: • Verizon North: NY, CT, MA, NH, RI, VT and ME • PA, DE & NJ: Verizon PA, DE, NJ [Combined] • MD, DC, VA & WV: Verizon MD, DC, VA, WV [Combined]

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Sub-Metrics		
PO-7-01 % Software Problem Resolution Timeliness		
Calculation	**Numerator**	**Denominator**
	Number of production referrals resolved within timeliness standard.	Total number production referrals.
PO-7-02 Delay Hours – Software Resolution – Change – Transactions failed, no workaround		
Calculation	**Data Value**	
	Number of cumulative delay hours (beyond the 48-hour standard) for identified software resolution changes associated with transaction rejects with no workaround.	
PO-7-03 Delay Days – Software Resolution – Change – Transactions failed with workaround		
Calculation	**Data Value**	
	Number of cumulative delay days (beyond the 10-day standard) for identified software resolution changes associated with transaction rejects with a workaround.	
PO-7-04 Delay Hours – Failed/Rejected Test Deck Transactions – Transactions failed, no workaround [9]		
Calculation	**Data Value**	
	Number of cumulative delay hours (beyond the 48-hour standard) for software resolution changes associated with transaction rejects with no workaround for Test Deck Transactions.	

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[9] This performance measure addresses the resolution timeliness for failed or rejected test deck transactions that are executed in production using training mode.

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Function:	
PO-8 Manual Loop Qualification	
Definition:	
The PO-8 Manual Loop Qualification metric measures the response time for the provision of Loop Qualification information required to provision more complex services *(e.g. 2-Wire-xDSL)*, when such information is not available through an electronic database.	
Exclusions:	
• Weekend and major Holidays are excluded from the interval count. • Digital Design Loops that require loop conditioning (HXMU code) • Test CLEC Ids **Note:** Weekend hours are from 5:00PM Friday to 8:00AM Monday. Holiday Hours are from 5:00PM of the business day preceding the holiday to 8:00AM of the first business day following the holiday.	
Performance Standard:	
PO-8-01: 95% within 48 Hours **PO-8-02**: 95% within 72 Hours	
Report Dimensions:	
Company: • CLEC Aggregate	Geography: State Specific

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Sub-Metrics		
PO-8-01 % On Time – Manual Loop Qualification		
Calculation	**Numerator**	**Denominator**
	Sum of manual loop qualification requests where the time from receipt of request for a manual loop qualification to the distribution of the loop qualification information is less than or equal to 48 hours.	Number of manual loop qualification transactions.
PO-8-02 % On Time– Engineering Record Request		
Calculation	**Numerator**	**Denominator**
	Sum of Engineering Record Requests where the time from the receipt of a Engineering Record Request to the time of the distribution of the Engineering Record is less than or equal to 72 hours.	Number of Engineering Record Request transactions.

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Section 2

Ordering Performance

(OR)

	Function	Number of Sub-metrics
OR-1	Order Confirmation Timeliness	8
OR-2	Reject Timeliness	6
OR-3	Percent Rejects	2
OR-4	Timeliness of Completion Notification	3
OR-5	Percent Flow-Through	2
OR-6	Order Accuracy	3
OR-7	Order Confirmation/Rejects sent within three (3) business days	1
OR-8	Acknowledgement Timeliness	1
OR-9	Order Acknowledgement Completeness	1
OR-10	PON Notifier Exception Resolution Timeliness	2
OR-11	Timeliness of Loss of Line Report	1
OR-12*	% Accuracy White Pages Directory Listings	1

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*OR-12 is applicable to Rhode Island only.

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Function:

OR-1 Order Confirmation Timeliness

Definition:

This metric measures Order Confirmation Timeliness.

Resale and UNE:

Order Confirmation Response Time: The amount of elapsed time (in hours and minutes) between receipt of a valid order request (VZ Ordering Interface) (or fax date and time stamp) and distribution of a Service Order confirmation. Rejected orders will have the clock re-started upon receipt of a valid order. **Note:** Orders are considered distributed at the time Verizon sends an order confirmation. If an order confirmation is resent, and the problem with sending the confirmation was within Verizon's systems, then the time stamp will be the last time stamp. If the order confirmation was resent because the problem is at the CLEC end (e.g. CLEC systems could not receive transactions), the time stamp is the first time the order confirmation was sent. For EDI/NetLink orders, the notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC.

Partial migrations for less than six (6) lines – with accounts that include six (6) or more lines, that must be rearranged, will be treated as six (6) lines or greater.

Percent of Orders Confirmed On Time: The percentage of orders confirmed within the agreed upon timeframes as specified in the Performance Standards.

Physical Facility Checks – are completed on orders (submitted via LSR) with more than five (5) lines. **Note**: Effective October 2001, orders for UNE Specials DS0 EELs (Loop and Backbone) will change from the LSR format to the ASR format. The UNE DS0 EEL orders submitted via ASRs will still require physical facility checks on orders with more than five (5) lines. All other UNE Specials DS0 orders are still submitted using the LSR format.

Facility Checks ; Orders for UNE Specials DS1 and above are submitted via ASR. All of these ASR orders get facility checks through the REQNET system.

Related PONs: When a CLEC designates RPONs, the FOC/LSC time-stamp used for receipt of all RPONs is the date/time the last RPON is received. The FOC/LSC returned date/time would be the actual returned date/time of each RPON.

Note: Effective October 2001, orders for UNE Specials DS0 EELs (Loop and Backbone) will be submitted via ASRs. All other UNE Specials DS0 orders are still submitted using the LSR format. UNE Specials DS0 EELs do not automatically require facility checks through REQNET. UNE Specials DS0 EELs will require facility checks if the order is for more than five (5) lines.

Trunks:

The amount of time in business days between receipt of a clean Access Service Request (ASR) and distribution of a Firm Order Confirmation (FOC). Measures Service Orders completed between the measured dates. **Note:** The received date is restarted for each SUPP.

Inbound Augment Trunks: For CLECs e-mailing a Trunk Group Service Request (TGSR), VZ will respond with an ASR, or provide a negative response requesting additional data if it believes traffic does not support the request. Orders for inbound trunks that are for a new trunk group, are in excess of 192 trunks or that require T-3 construction, performance will be captured in the > 192 category.

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OR-1 Definition, continued:

Notes:

(1) Rejected Orders (orders that fail basic front-end edits) submitted via LSR are not placed in the PON Master File; therefore, they are not included in the calculation.

(2) Verizon includes CLEC requests for resent confirmations that are submitted electronically as well as resent confirmations due to Verizon's error in initial confirmation[10] in the Order Confirmation Timeliness measurement. The measurements are based on confirmed orders. Cancelled orders are also included.

(3) If no order confirmation time exists due to a missing order confirmation, Verizon will use the completion notification time.

(4) The Ordering sub-metrics data reported in the monthly C2C reports only include orders confirmed in the calendar month.

(5) The Pre-Qualified Complex category includes 2-Wire Digital, 2-Wire xDSL Loop, and 2-Wire xDSL Line Sharing/Line Splitting orders that were pre-qualified.

(6) In the North states: ASR requests that have the **RTR** field populated with a code that indicates the CLEC requested that no confirmation/response be sent are not counted in the OR-1 confirmation timeliness metrics.

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Exclusions:

Resale and UNE:

VZ Test Orders [11]

- Weekend and holiday hours (other than flow-through):
  - Weekend hours are from 5:00PM Friday to 8:00AM Monday.
  - Holiday hours are from 5:00PM of the business day preceding the holiday to 8:00AM of the first business day following the holiday. These hours are excluded from the elapsed time when calculating the response times for non-flow-through requests.
- The following RTR exclusion applies to the Mid-Atlantic states:
  - ASR requests that have the **RTR** field populated with a code that indicates the CLEC requested that no confirmation/response be sent
- For OR-1-19 – Inbound Augment trunks not requested via e-mail TGSR
- Special Project PONs (if applicable) per the process documented in Appendix S.
- For OR-1-02: SOP scheduled downtime hours (flow-through).

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Verizon SOP scheduled hours are as follows:

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Verizon North
Monday through Friday 12:30AM to 11:30PM
Saturday 12:30AM to 7:30PM
Sunday 7:30 AM to 11:30PM.

NJ

Sunday, 7:00 AM to 11:30 PM
Monday-Friday, 1:35 AM to 11:30 PM
Saturday, 1:35 AM to 10:00 PM

PA, DE
SOP scheduled downtime hours

11:30 p.m. to 12:30 a.m. each night, and 7:30 p.m. Saturday to 7:30 a.m. Sunday

MD, DC, VA, WV

[10] Resent confirmations due to CLEC error – such as duplicate PON numbers, or confirmations resent to reschedule a missed provisioning appointment – either due to CLEC, End User or Verizon reasons are not counted as resent confirmations.

[11] VZ-Test Orders – see Glossary.

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SOP scheduled downtime hours[12]

Monday 11:30 PM to Tuesday 4 AM
Tuesday 11:30 PM to Wednesday 4 AM
Wednesday 11:30 PM to Thursday 4 AM
Thursday 11:30 PM to Friday 4 AM
Friday 11:30 PM to Saturday 5 AM
Saturday 9 PM to Sunday 8 AM
Sunday 8 PM to Monday 4 AM

Exception: The 3rd Saturday of each month is a scheduled release. SOP will have a late start the following Sunday at 9:00AM. Additionally, SOP downtime may be extended for significant SOP releases, *(e.g. NPA splits).* All downtime extensions will be communicated to CLECs in advance of the release through VZ Change Management Guidelines.

[12] The downtime hours listed represent expressTRAK and its associated systems. In addition, SOACS is also used in MD, DC, VA, and WV. Until SOACS is no longer in use, the following downtime hours will apply in DC and WV and represent an aggregate of expressTRAK, SOACS, and their associated systems: Mon. 10:30 PM to Tues. 6 AM, Tues. 10:30 PM to Wed. 6 AM, Wed.10:30 PM to Thur. 6 AM, Thur 10:30 PM to Fri. 6 AM, Fri. 10:30 PM to Sat. 7 AM, Sat. 9 PM to Sun. 8 AM, Sun. 8 PM to Mon. 6 AM.

Report Dimensions	
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific

Performance Standard: OR-1 Order Confirmation Timeliness

OR-1-02, 1-04, 1-06, 1-08, 1-10, 1-12, and OR-1-19: 95% On Time according to the schedule below:
OR-1-13: 95%

Resale:	UNE:	Interconnection Trunks (CLEC):
Electronically Submitted Orders: POTS/Pre-Qualified Complex: • Flow-through orders: two (2) hours • Orders with no facility check: 24 hours • Orders with facility check: 72 hours Complex Services (requiring Manual Loop Qualification) • 2- wire Digital Services: 72 hours Special Services: • Orders with no facility check : 48 hours Verizon Mid-Atlantic and CT, MA, NY, RI, and VT: • Order with facility check: 72 hours[10] Verizon NH and ME only: • Orders with facility check: five (5) business days **Faxed/Mailed Orders**: Not available for Resale	**Electronically Submitted Orders:** POTS/Pre-Qualified Complex: • Flow-Through Orders: two (2) hours • Orders with no facility check: 24 hours • Orders with facility check: 72 hours Complex Services(requiring Manual Loop Qualification) • 2-Wire Digital Services: 72 hours • 2-Wire xDSL Loops: 72 hours • 2-Wire xDSL Line Sharing/Line splitting: 72 hours Special Services: • Orders with no facility check: 48 hours Note: The 48 hour standard does **not** apply to UNE specials (UNE DS0 EELs > 6 lines, UNE DS1 and above) received via ASR. Verizon Mid-Atlantic and CT, MA, NY, RI and VT • Orders with facility check: 72 hours (includes UNE Specials DS0 EELs > 6 lines, and UNE Specials DS1 and above) Verizon NH and ME only: • Orders with facility check: five (5) business days. (includes UNE Specials DS0 EELs > 6 lines, and UNE Specials DS1 and above) **Faxed/Mailed Orders**: Add 24 hours to intervals above. Fax/Mail is not available for LSR orders: (UNE POTS and Complex (2-Wire Digital, 2-Wire xDSL Loop, and 2-Wire xDSL Line Sharing/Line Splitting)).	**Electronically Submitted Orders:** Firm Order Confirmation: • ≤ 192 Trunks: 10 Business Days • > 192 Trunks: Negotiated Process Design Layout Record • ≤ 192 Trunks: 10 Business Days • > 192 Trunks: Negotiated Process Verizon Inbound Augment Trunks: • ≤ 192 Trunks accepted TGSRs: 10 Business Days • <= 192 Trunks: denied responses for TGSRs received via e-mail: less than or equal to seven (7) business days. • > 192 Trunks: Negotiated Process **Faxed/Mailed Orders**: Add 24 hours to intervals above

[10] Also includes orders requiring facility verification as listed in the interval guides. Refer to the URL matrix at the beginning of the guidelines for the URL on specific products and intervals.

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Sub-Metrics		
OR-1-02	**% On Time LSRC – Flow-through**	
Products	Resale: • POTS/Pre-qualified Complex	UNE: • Loop/Pre-Qualified Complex/LNP • Platform
Calculation	**Numerator**	**Denominator**
	Number of electronic LSRCs sent where the confirmation date and time minus the submission date and time is less than or equal to two (2) hours for specified product.	Total number of flow-through LSRs confirmed for specified product.
OR-1-04	**% On Time LSRC/ASRC - No Facility Check (Electronic – No Flow-through)**	
Products	Resale: • POTS/Pre-Qualified Complex • 2-Wire Digital Services • Specials (Non DS0, Non DS1 & Non DS3) • Specials DS0 • Specials DS1 • Specials DS3 Note: Resale DS1s and DS3s are received via LSRs.	UNE: • Loop/Pre-Qualified Complex/LNP • Platform • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing/Line Splitting (combined) • Specials DS0
Calculation	**Numerator**	**Denominator**
	Number of electronic LSRCs/ASRCs not requiring a facility check, sent where confirmation date and time minus submission date and time is less than or equal to the standard for specified product.	Total number of electronic LSRs/ASRs not requiring a facility check confirmed for specified product.

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Sub-Metrics OR-1 Order Confirmation Timeliness (continued)		
OR-1-06	**% On Time LSRC/ASRC – Facility Check (Electronic – No Flow-through)**	
Products	Resale: • POTS/Pre-qualified Complex • 2-Wire Digital Services • Specials (Non DS0, Non DS1 & Non DS3) • Specials DS0 • Specials DS1 • Specials DS3 Note: Resale DS1s and DS3s are received via LSRs.	UNE: • Loop/Pre-Qualified Complex/LNP • Platform • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing/Line Splitting (combined) • Specials (Non DS0, Non DS1 & Non DS3) • Specials DS0[13] • Specials DS1 • Specials DS3
Calculation	**Numerator**	**Denominator**
	Number of electronic LSRCs/ASRCs requiring a facility check, sent where confirmation date and time minus submission date and time is less than or equal to the standard for specified product.	Total number of electronic LSRs/ASRs requiring a facility check, confirmed for specified product.
OR-1-08	**% On Time ASRC - No Facility Check (Fax/Mail)**	
Products	UNE: • Specials DS0	
Calculation	**Numerator**	**Denominator**
	Number of faxed or mailed ASRCs, not requiring a facility check, sent where the confirmation date and time minus the submission date and time is less than or equal to the standard for the specified product.	Total number of faxed or mailed ASRs, not requiring a facility check, confirmed for specified product.

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[13] UNE DS0 EELs (Loop and Backbone) are ordered via ASR. All other UNE DS0s are ordered via LSR. Orders >= 6 lines require a facility check.

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Sub-Metrics OR-1 Order Confirmation Timeliness (continued)		
OR-1-10 % On Time ASRC - Facility Check (Fax/Mail)		
Products	UNE: • Specials (Non DS0, Non DS1 & Non DS3) • Specials DS0[14] • Specials DS1 • Specials DS3	
Calculation	**Numerator**	**Denominator**
	Number of faxed or mailed ASRCs requiring a facility check sent where the confirmation date and time minus the submission date and time is less than or equal to the standard for the specified product.	Total number of faxed or mailed ASRs requiring a facility check confirmed for specified product.
OR-1-12 % On Time FOC		
Products	Trunks: • Interconnection Trunks (CLEC) (≤ 192 Forecasted Trunks) • Interconnection Trunks (CLEC) (> 192 and Unforecasted Trunks and Projects)	
Calculation	**Numerator**	**Denominator**
	Number of orders confirmed within the specified interval for the product type.	Number of orders received (electronically and faxed) confirmed by product type.
OR-1-13 % On Time Design Layout Record (DLR)		
Products	Trunks: • Interconnection Trunks (CLEC)	
Calculation	**Numerator**	**Denominator**
	Number of DLRs completed on or before DLRD date in TIRKS.	Number of DLRs completed.
OR-1-19 % On Time Response - Request for Inbound Augment Trunks **Note:** This metric is a combined measure including both; denied TGSRs that have a seven (7)-day performance standard, and accepted TGSRs that have a 10-day performance standard.		
Products	• Verizon Inbound Augment Trunks (≤ 192 Trunks) • Verizon Inbound Augment Trunks (>192 Trunks)	
Calculation	**Numerator**	**Denominator**
	Number of requests for Inbound Augment Trunks with responses sent within the specified interval for product type.	Number of requests for Inbound Augment Trunks requested on a TGSR received via e-mail.

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[14] Orders for UNE DS0 EELs (Loop and Backbone) for > = 6 lines require a facility check.

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Function:

OR-2 Reject Timeliness

Definition:

This metric measures Reject Timeliness.

Reject Response Time: The amount of elapsed time (in hours and minutes) between receipt of an order request and distribution of a Service Order reject, both based on Ordering Interface System (Request Manager) or Fax date and time stamp. **Note:** Orders are considered distributed at the time Verizon sends an order reject/query. If an order reject/query is resent, and the problem with sending the reject/query was within Verizon's systems, then the time stamp will be the last time stamp. If the order reject/query was resent because the problem is at the CLEC end (e.g. CLEC systems could not receive transactions), the time stamp is the first time the order reject/query was sent. For EDI/NetLink orders, the notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC.

Percent of Orders Rejected On Time:
The percentage of orders rejected within the agreed-upon timeframes as specified in the Performance Standards.

Related PONs: When a CLEC designates RPONs, the FOC/LSC time-stamp used for receipt of all RPONs is the date/time the last RPON is received. The FOC/LSC returned date/time would be the actual returned date/time of each RPON.

Notes:
(1) Rejected Orders (Orders failing basic front-end edits) submitted via LSR are not placed in the PON Master File; therefore, they are not included in the calculation.
(2) Measurements are based on rejected orders.
(3) Verizon does not include cancelled orders in the measurements.
(4) The Ordering sub-metrics data reported in the monthly C2C reports only include confirmed rejects in the calendar month.
(5) The Pre-Qualified Complex category includes 2-Wire Digital, 2-Wire xDSL Loop, and 2-Wire xDSL Line Sharing/Line Splitting orders that were pre-qualified.

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Exclusions:

- VZ Test Orders
- Duplicate Rejects – Rejects issued against a unique PON (PON + Version Number + CLEC Id), identical and subsequent to the first reject.
- Any reject/query that occurs on an ASR that has the **RTR** field populated with a code that indicates the CLEC did not require a response (and the first notification for the ASR would have been a confirmation).
- Special Project PONs (if applicable) per the process documented in Appendix S.
- Weekend and Holiday Hours (other than flow-through):
  - Weekend Hours are from 5:00PM Friday to 8:00AM Monday.
  - Holiday Hours are from 5:00PM of the business day preceding the holiday to 8:00AM of the first business day following the holiday. These hours are excluded from the elapsed time when calculating the response times for non flow-through requests.

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OR-2 Exclusions, continued:

- For OR-2-02: SOP scheduled downtime hours (Flow-through).
  Verizon SOP Scheduled hours are as follows:

Verizon North

Monday through Friday 12:30AM to 11:30PM
Saturday 12:30AM to 7:30PM
Sunday 7:30 AM to 11:30PM.

NJ

Sunday, 7:00 AM to 11:30 PM
Monday-Friday, 1:35 AM to 11:30 PM
Saturday, 1:35 AM to 10:00 PM

PA, DE
SOP scheduled downtime hours

11:30 PM. to 12:30 AM each night, and 7:30 PM Saturday to 7:30 AM. Sunday

MD, DC, VA, WV
SOP scheduled downtime hours[15]

Monday 11:30 PM to Tuesday 4:00 AM
Tuesday 11:30 PM to Wednesday 4:00 AM
Wednesday 11:30 PM to Thursday 4:00 AM
Thursday 11:30 PM to Friday 4:00 AM
Friday 11:30 PM to Saturday 5:00 AM
Saturday 9 PM to Sunday 8:00 AM
Sunday 8 PM to Monday 4:00 AM

Exception: The 3rd Saturday of each month is a scheduled release. SOP will have a late start the following Sunday at 9:00AM. Additionally, SOP downtime may be extended for significant SOP releases, *(e.g. NPA splits).* All extensions will be communicated to CLECs in advance of the release through VZ Change Management Guidelines.

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Report Dimensions :

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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[15] The downtime hours listed represent expressTRAK and its associated systems. In addition, SOACS is also used in MD, DC, VA, and WV. Until SOACS is no longer in use, the following downtime hours will apply in DC and WV and represent an aggregate of expressTRAK, SOACS, and their associated systems: Mon. 10:30 PM to Tues. 6 AM, Tues. 10:30 PM to Wed. 6 AM, Wed.10:30 PM to Thur. 6 AM, Thur 10:30 PM to Fri. 6 AM, Fri. 10:30 PM to Sat. 7 AM, Sat. 9 PM to Sun. 8 AM, Sun. 8 PM to Mon. 6 AM.

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Performance Standard – Reject Timeliness		
OR-2-02, 2-04, 2-06, 2-08, 2-10, and 2-12: 95% On Time According to schedule below:		
Resale:	**UNE:**	**Interconnection Trunks (CLEC):**
Electronically Submitted Orders*:* POTS: • Flow-Through Orders: two (2) hours • Orders with no facility check: 24 hours • Orders with facility check: 72 hours Complex Services (2- Wire Digital Services ISDN): • Orders: 72 hours Special Services: [16] • Orders with no facility check: 48 hours Verizon Mid-Atlantic and CT, MA, NY, RI and VT: • Orders with facility check: 72 hours Verizon NH and ME: • Orders with facility check: five (5) business days **Faxed/Mailed Orders**: Not available for Resale	**Electronically Submitted Orders:** POTS*:* • Flow-Through Orders: two (2) hours • Orders with no facility check: 24 hours • Orders with facility check: 72 hours Complex Services (requiring Manual Loop Qualification) *:* • 2-Wire Digital Services 72 hours • 2-Wire xDSL Loop: 72 hours • 2-Wire xDSL Line Sharing/Linesplitting: 72 hours Special Services: [17] • Orders with no facility check: 48 hours Note: The 48 hour standard does not apply to UNE Specials (DS0 EELs > 6 lines, DS1 and above) received via ASR. Verizon Mid-Atlantic and CT, MA, NY, RI and VT • Orders with ≥ facility check: 72 hours (includes UNE DS0 EELs > 6 lines and UNE DS1s and above) Verizon NH and ME • Orders with ≥ facility check: five (5) business days (includes UNE DS0 EELs > 6 lines and UNE DS1s and above) **Faxed/Mailed Orders**: Add 24 hours to intervals above. Fax/Mail is not available for LSRs: UNE POTS and Complex (2-Wire Digital, 2-Wire xDSL Loop, and 2-Wire xDSL Line Sharing/Line Splitting).	**Electronically Submitted Orders:** • ≤ 192 Trunks: less than or equal to seven (7) Business Days • > 192 Trunks: Negotiated Process **Faxed/Mailed Orders**: Add 24 hours to intervals above

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[16] Also includes orders requiring facility verification as listed in the interval guides. Refer to the URL matrix at the beginning of the guidelines for the URL on specific products and intervals.
[17] Also includes orders requiring facility verification as listed in the interval guides. Refer to the URL matrix at the beginning of the guidelines for the URL on specific products and intervals.

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Sub-Metrics – OR-2 Reject Timeliness		
OR-2-02	**% On Time LSR Reject (Flow-through)**	
Products	Resale: • POTS/Pre-qualified Complex	UNE: • Loop/Pre-Qualified Complex/LNP • Platform
Calculation	**Numerator**	**Denominator**
	Number of electronic rejects sent where the reject date and time minus the submission date and time is less than or equal to two (2) hours for specified product.	Total number of flow-through LSRs rejected for specified product.
OR-2-04	**% On Time LSR/ASR Reject - No Facility Check (Electronic – No Flow-through)**	
Products	Resale: • POTS/Pre-qualified Complex • 2-Wire Digital Services • Specials	UNE: • Loop/Pre-Qualified Complex/LNP • Platform • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing/Line Splitting (combined) • Specials
Calculation	**Numerator**	**Denominator**
	Number of electronic rejects sent where the reject date and time minus the submission date and time is within the standard for orders not requiring a facility check for the specified product.	Total number of electronically submitted LSRs/ASRs, not requiring a facility check rejected for specified product.

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Sub-Metrics – OR-2 Reject Timeliness		
OR-2-06 % On Time LSR/ASR Reject - Facility Check (Electronic – No Flow-through)		
Products	Resale: • POTS/Pre-qualified Complex • 2-Wire Digital Services • Specials	UNE: • Loop/Pre-Qualified Complex/LNP • Platform • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing/Line Splitting (combined) NY, CT, MA, RI, PA, NJ, DE, MD, DC, VA, VT & WV report on the following Specials disaggregation: • Specials NH and ME report on the following Specials disaggregation: • Specials DS0 • Specials DS1 • Specials DS3 • Specials Other (Non-DS0, Non-DS1, and Non-DS3)
Calculation	**Numerator**	**Denominator**
	Number of electronic rejects sent where reject date and time minus the submission date and time is within the standard for orders requiring a facility check for the specified product.	Total number of LSRs/ASRs electronically submitted requiring a facility check rejected for specified product.

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Sub-Metrics – OR-2 Reject Timeliness		
OR-2-08	**% On Time Reject - No Facility Check (Fax)**	
Products	UNE: • Specials	
Calculation	**Numerator**	**Denominator**
	Number of faxed rejects not requiring a facility check, sent where reject date and time minus submission date and time is less than or equal to the standard for specified product.	Total number of faxed rejects not requiring a facility check confirmed for specified product.
OR-2-10	**% On Time Reject – Facility Check (Fax)**	
Products	UNE: • Specials	
Calculation	**Numerator**	**Denominator**
	Number of faxed rejects requiring a facility check, sent where reject date and time minus submission date and time is less than or equal to the standard for specified product.	Total number of faxed rejects requiring a facility check rejected for specified product.
OR-2-12	**% On Time Trunk ASR Reject**	
Products	Trunks: • Interconnection Trunks (CLEC)	
Calculation	**Numerator**	**Denominator**
	Number of rejected trunk orders that meet reject trunk standard (less than or equal to seven (7) business days).	Number of rejected trunk orders for less than or equal to 192 trunks.

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Function:		
OR-3 Percent Rejects		
Definition:		
This metric measures the percent of orders received (including supplements and re-submissions) by Verizon that are rejected or queried. Orders are rejected due to omission or error of required order information. Orders that are queried are considered rejected. The percent reject measure is reported against all submitted order transactions processed in the Verizon Ordering System (Request Manager (for LSRs), CAFÉ and EXACT (for ASRs)), not just those with associated CRIS completions. **Note:** Edit Rejects (orders failing basic front-end edits) submitted via LSR are not placed in the PON Master File; therefore, they are not included in the calculation.		
Exclusions:		
• VZ Test Orders		
Performance Standard:		
OR-3-01: No standard. **OR-3-02**: 95%		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific		Geography: • State Specific
Sub-Metrics		
OR-3-01 % Rejects		
Products	Resale	UNE
Calculation	**Numerator**	**Denominator**
	Sum of all rejected LSR/ASR transactions for specified product.	Total number of LSR/ASR records received for specified product.
OR-3-02 % LSR Resubmission Not Rejected		
Products	EDI	
Calculation	**Numerator**	**Denominator**
	Total EDI PONs resubmitted at Verizon's request that are not rejected by Verizon's systems as duplicative of EDI PONs already in Verizon's systems.	Total number of EDI PONs resubmitted at Verizon's request.

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Function:

OR-4 Timeliness of Completion Notification

Definition:

Refer to the *Definition* listed next to each OR-4 sub-metric (OR-4-11, OR-4-16, and OR-4-17) for a description of the measurement included in the sub-metrics.

Exclusions:

- Verizon Test Orders
- Orders not received through the Verizon NetLink EDI system. This includes orders transmitted manually, orders received through the VAN EDI system, and orders submitted through the WEB GUI (LSI/W)
- Special Project PONs (if applicable) per the process documented in Appendix S.
- Sub-metric OR-4-11 *only* includes the following additional exclusion: Any product that is not designed to generate a PCN and a BCN.

Performance Standard:

Metric OR-4-11; 0.25% of PONs that received neither a PCN nor a BCN within two (2) business days from the SOP posting of the provisioning of the last service order associated with a specific PON.

Metric OR-4-16: 95% of PCNs sent within one (1) business day.
Metric OR-4-17: 95% of BCNs sent within two (2) business days.

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Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics Timeliness of Completion Notification

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OR-4-11 % Completed orders with neither a PCN nor BCN sent

Description	The percent of EDI PONs for which the last service order has been *provisioning completed* in the Verizon Service Order Processing (SOP) system. The elapsed time begins with the Provisioning completion in SOP of the last service order associated with a specific PON. The PCN and the BCN are considered sent when the Verizon Netlink system initiates the send of the completed notifier to the CLEC. The notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC. If no PCN and no BCN have been sent in two (2) business days after *provisioning completion*, the order will be captured here in this measure.	
Products	CLEC Aggregate: • EDI	
Calculation	**Numerator**	**Denominator**
	Number of EDI PONs completed that have produced neither a PCN nor a BCN within two (2) business days after the last service order has been updated as *provisioning completed* in SOP.	Total number of EDI PONs for which the last service order has been updated as *provisioning completed* in SOP in a month.

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Sub-Metrics Timeliness of Completion Notification, continued		
OR-4-16	**% Provisioning Completion Notifiers sent within one (1) Business Day**	
Description	The percent of EDI Provisioning Completion Notifiers (PCNs) sent within one business day of work order completion (WFA completion date) in the Verizon Service Order Processing (SOP) system. The elapsed time begins with the Provisioning work completion (in WFA as noted in the Verizon SOP system) of the last service order associated with a specific PON. The PCN is considered sent when the Verizon Netlink system initiates the send of the completed notifier to the CLEC. The notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to the transmission to the CLEC. The PCNs shall be considered to be timely if Verizon provides them within one business day of the Work Order Completion (WFA completion date) in SOP.	
Products	CLEC Aggregate: • EDI	
Calculation	**Numerator**	**Denominator**
	Number of EDI PONs completed that produce a PCN within one (1) business day after Work Completion in WFA.	Total number of EDI PONs for which the last service order has been updated as *provisioning completed* in the Service Order Processor (SOP) in a month.
OR-4-17	**% Billing Completion Notifiers sent within two (2) Business Days**	
Description	The percent of EDI Billing Completion Notifiers (BCNs) sent within two (2) business days of the provisioning order completion in the Verizon SOP system. The elapsed time begins with the completion in the Verizon SOP system of the last service order associated with (provisioning) a specific PON. The BCN is considered sent when the Verizon Netlink system initiates the send of the completed notifier to the CLEC. The notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLECs. The BCNs shall be considered to be timely if Verizon provides them within two (2) business days of the Order Completion in SOP.	
Products	CLEC Aggregate: • EDI	
Calculation	**Numerator**	**Denominator**
	Number of EDI PONs completed that produce a BCN within two (2) business days after SOP provisioning completion update.	Total number of EDI PONs for which the last service order has been updated as *provisioning completed* in the Service Order Processor (SOP) in a month.

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Function:

OR-5 Percent Flow-Through

Definition:

This metric measures the percent of valid orders (submitted via LSR in the report month) received through the electronic ordering interface (example includes: Request Manager) that processed directly through to the legacy Service Order Processor system (SOP) and were confirmed without manual intervention. These confirmations require no action by a Verizon service representative to input an order into SOP. This is also known as Ordering flow-through.

% Flow-through Achieved: Percent of valid orders received through the electronic ordering interface (Request Manager) that are designed to flow-through and actually flow-through, but excluding those orders that do not flow-through due to CLEC errors.

Appendix H contains a summary of order types that flow-through for VZ and CLECs. Orders designed to flow-through may also fall-out for both VZ and CLECs. Non-flow-throughs include orders that require manual intervention to ensure that the correct action is taken.

Note: Rejected Orders (orders failing basic front-end edits) submitted via LSR are not considered to be a valid confirmed order, and therefore are not included in the calculation. ASRs do not flow-through by design, and are not included in the OR-5 metric.

Exclusions:

- VZ Test Orders
- Special Project PONs (if applicable) per the process documented in Appendix S.

From Achieved Flow-through:

- Orders not eligible to flow-through
  Note: Order types that are designed to flow-through are specified in the scenarios documented in Appendix H.
- Orders with CLEC input errors in violation of published business rules

Performance Standard:

OR-5-01: No standard developed for total flow-through.
OR-5-03: 95% for % flow-through achieved

Report Dimensions

Company:	Geography:
• CLEC Aggregate	• State Specific

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Sub-Metrics

OR-5-01 % Flow-through – Total

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Products	Resale	UNE
Calculation	**Numerator**	**Denominator**
	Sum of all orders that flow-through for specified product.	Total number of LSR records (confirmed orders) for specified product.

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OR-5-03 % Flow-through Achieved

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Products	Resale	UNE
Calculation	**Numerator**	**Denominator**
	Number of orders that flow-through for specified product.	Number of confirmed flow-through eligible orders.

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Function:
OR-6 Order Accuracy
Definition:
This metric measures the percent of orders completed as ordered by the CLEC. Two (2) dimensions are measured. The first is a measure of order confirmations sent from Verizon to the CLEC with error. The second measure is focused on the percent of fields populated correctly on the Verizon order.
Methodology:
For sub-metric OR-6-01, VZ uses a manual audit process of sampled orders. A random sample of approximately 400 orders for Resale, 400 orders for UNE Loop/Complex/LNP, and 400 orders for UNE Platform each month, (20 orders randomly sampled each business day for Resale and UNE respectively) are pulled from Request Manager (for Order Accuracy). VZ compares required fields on the latest version of the LSR to the completed Verizon Service Order(s). Refer to Appendix M for a list of fields reviewed by Verizon. Verizon samples by centers that process CLEC orders and pulls 20 LSRs per center. Samples are identified using random number generation from Verizon's Wholesale Ordering systems. Verizon then prints a copy of the FOC within 24 hours (or later if the standard is later for that service type) for that PON and manually evaluates the FOC to determine if the information included is accurate. For sub-metric OR-6-03, the measure is a percentage of all confirmations sent due to Verizon error against the total number of confirmations sent in the reporting month. The OR-6-04 sub-metric is reported in the following states only: DC, MD, NH, RI, VA and WV.
Exclusions:
• Orders entered by the CLEC that flow-through.
Performance Standard:
OR-6-01: 95% orders without Verizon errors. **OR-6-03**: not more than 5% of LSRCs resent due to Verizon error. **OR-6-04**: The state specific standards for sub-metric OR-6-04 are as follows: VA: 98% DC, NH & RI: 95% MD: September 2004 through August 2005: 97% MD: September 2005: 98% WV: Calendar Year 2004: 96% WV: Calendar Year 2005: 97% WV: Calendar Year 2006: 98%

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Report Dimensions		
Company: • CLEC Aggregate		Geography: **OR-6-01**: • Verizon North: NY, CT, MA, NH, RI, VT and ME • PA, DE: PA/DE [Combined] • NJ: State Specific • MD, DC, VA, WV: MD, DC, VA, WV [Combined] **OR-6-03**: State Specific **OR-6-04**: • MD, DC, VA, WV, RI, NH: State Specific **Note 1:** OR-6-03 is reported at a state specific level for both Resale and UNE
Sub-Metrics		
Products	Resale	UNE: • Loop/Complex/LNP • Platform
OR-6-01 % Service Order Accuracy		
Calculation	**Numerator**	**Denominator**
	Number of orders sampled minus orders with errors for specified product.	Number of orders sampled for specified product.
OR-6-03 % Accuracy – LSRC		
Calculation	**Numerator**	**Denominator**
	Number of LSRCs resent due to error.	Number of LSRCs.

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OR-6-01: Verizon North¶
OR-6-03: Verizon New York ¶
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UNE:

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OR-6-04	% Accuracy – Directory Listing[18]	
Definition	A statistically valid random sample of approximately 400 Directory Listing Orders (20 orders randomly sampled each business day) per product are pulled from Request Manager.	
Products	MD, WV & VA: • Standalone Directory Listings[19] • Other Directory Listing Orders (orders other than stand-alone directory listing orders) DC, NH & RI: • All orders with Directory Listing Modifications	
Calculation	Numerator	Denominator
	Number of orders sampled for Directory Listings minus orders with errors.	Number of Directory Listing orders sampled.

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[18] Refer to a list of the fields that are reviewed for the Directory Listing measurement is set out in Appendix M.

[19] Stand-alone Directory Listing Orders are orders that are issued by a CLEC for directory listings only and that do not include a request with regard to other services. Verizon will begin to report the separate measurement for Stand-alone Directory Listing Orders when Verizon has deployed the ability to perform this measurement on a mechanized basis. Prior to the time that Verizon begins to report the separate measurement for Stand-alone Directory Listing Orders, Verizon will include Stand-alone Directory Listing Orders in its measurement of Other Directory Listing Orders.

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Function:		
OR-7 % Order Confirmation/Rejects Sent Within Three (3) Business Days		
Definition:		
The percent of Resale, UNE Loop, and UNE Platform LSRs confirmed or rejected by Verizon within three (3) business days of receipt as a percent of total LSRs received. For EDI/NetLink orders, the notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC. **Related PONs:** When a CLEC designates RPONs, the FOC/LSC time-stamp used for receipt of all RPONs is the date/time the last RPON is received. The FOC/LSC returned date/time would be the actual returned date/time of each RPON. **Note:** This is a measure of completeness not timeliness. Source: Master PON File.		
Exclusions:		
• Cancelled orders. • LSRs that were supplemented prior to confirmation or rejection. • Edit Rejects (negative 99s) that are not eligible for confirmation or rejection. • Special Project PONs (if applicable) per the process documented in Appendix S. • Test Ids		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Performance Standard		
Metric OR-7-01: 95%.		
Sub-Metrics		
OR-7-01 % Order Confirmation/Rejects Sent Within Three (3) Business Days		
Products	Resale	UNE: • Platform • Loop
Calculation	**Numerator**	**Denominator**
	Total LSR confirmations and/or rejections sent within three (3) business days of LSR submission.	Total LSRs received during the reporting period.

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Function:		
OR-8 Acknowledgement Timeliness		
Definition:		
Percent of LSRs Acknowledged On Time: The percentage of LSR acknowledgements within the timeframe specified in the Performance Standard. Time starts with receipt of LSR and ends when an acknowledgement is sent. An electronic acknowledgement indicates that the file met basic edits with valid and complete data and will be processed by VZ. Applies to orders submitted via EDI. For EDI/NetLink orders, the notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC.		
Exclusions		
• Orders submitted by Web GUI / aka LSI/W Interface. • Orders not submitted electronically.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Performance Standard		
Metric OR-8-01: 95% within two (2) hours.		
Sub-Metrics		
OR-8-01 % Acknowledgements on Time		
Products	• Resale	• UNE
Calculation	**Numerator**	**Denominator**
	Number of LSR acknowledgements sent within two (2) hours of LSR receipt.	Total number of LSR acknowledgements.

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Function:		
OR-9 Order Acknowledgement Completeness		
Definition:		
This metric measures order acknowledgement completeness. The number of LSR acknowledgments sent the same day the LSR is received as a percent of total LSRs received. Orders with invalid or incomplete data are not acknowledged. Orders failing basic front-end edits are included in the denominator. This metric applies to orders submitted via EDI. LSRs received after 10:00PM Eastern Time are considered received the next day. For EDI/NetLink orders, the notifier is considered sent when it is time-stamped after EDI translation and encryption, immediately prior to transmission to the CLEC.		
Exclusions:		
• Orders submitted by Web GUI / aka LSI/W Interface. • Orders not submitted electronically. • Orders in unreadable files.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Performance Standard		
Metric OR-9-01: 99%.		
Sub-Metrics		
OR-9-01 % Acknowledgement Completeness		
Products	• Resale	• UNE
Calculation	**Numerator**	**Denominator**
	Number of acknowledgements sent the same day the LSR was received.	Total number of LSRs received.

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Function:
OR-10 PON Notifier Exception Resolution Timeliness
Definition:
The OR-10 sub-metrics measure the percent of Netlink EDI PON Notifier Exceptions resolved within three (3) business days and ten (10) business days from the day of receipt of the completed PON Notifier Exception trouble ticket template with the PONs in question enumerated with the appropriate identification. The elapsed time begins with receipt at the Verizon Wholesale Customer Care Center of a completed PON Notifier Exception trouble ticket template with the PONs in question enumerated with the appropriate identification for EDI notifiers (i.e., order acknowledgement (ACK), order confirmation (LSC), provisioning completion (PCN), or billing completion (BCN) notices). PON Notifier Exceptions received after 5:00PM will be considered received the next business day. The PON Notifier Exception is considered resolved when Verizon has either: 1. Sent or resent the requested notifier or higher notifier. If the notifier cannot be resent due to CLEC system availability or capacity, then the PON Notifier Exception shall be considered resolved when the resend was attempted as demonstrated in Verizon's log files (copies of these files will be available to CLECs on request). 2. Requested the CLEC to resubmit the PON if no Verizon notifiers have been generated. 3. Completed the investigation showing that the next action is a CLEC action and that the CLEC has been sent or resent the notifier for the action required (E.g. Query, Jeopardy), or Status File for Duplicate, earlier or later version of PON has been worked, PON previously cancelled, invalid PON number. 4. Completed work that will allow the PON to proceed to the next step in the business process, and sent the appropriate notifier to the CLEC. 5. Notified the CLEC that the Confirmed Due Date plus the notifier production interval has not yet passed for requested PON Notifier (PCNs, and BCNs) and provided the current work status of the PON (i.e. Provisioning Completed, Notifier not yet produced). For PCNs and BCNs, Trouble Tickets are not to be initiated prior to or on the Confirmed Due Date; any Trouble Ticket initiated prior to the Confirmed Due Date is automatically considered resolved when the CLEC is provided with electronic notification that the initiation date is prior to the Confirmed Due Date. CLEC notification for items 2, 3, 4, and 5, will be accomplished via a daily file sent from Verizon to the individual CLEC. This notification file will be sent every day by 5:00PM. For the purposes of this metric the PON Notifier Exception(s) trouble ticket templates for Acknowledgements must be submitted within five (5) business days of the PON sent date. PON Notifier Exceptions for confirmations must be reported within 30 business days of the PON sent date. PON Notifier Exceptions for PCNs, and BCNs must be reported to Verizon within 30 business days of the PON Confirmed Due Date.
Exclusions:
• Non NetLink EDI PON Exception Notifier Trouble Tickets. • Any request for Notifier for orders due/complete more than 30 business days old. • Orders for Products/Services that are not designed to produce the requested notifier (e.g. LIDB).
Performance Standard:
OR-10-01: 95% resolved within three (3) business days. **OR-10-02**: 99% resolved within ten (10) business days.

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Report Dimensions	
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific These sub-metrics are reported at a state specific level.
Sub-Metrics	
OR-10-01 % of PON Exceptions Resolved Within Three (3) Business Days	
Products for OR-10-01 and OR-10-02	All combined
Calculation	**Numerator**: Number of PON Notifier Exceptions resolved within three (3) business days. **Denominator**: Total number of PON Notifier Exceptions resolved in the Wholesale Customer Care Center (WCCC) in the reporting month less resolved PON Notifier Exceptions that were included as unresolved PON Notifier Exceptions in the previous month's denominator for metric OR-10-02.
OR-10-02 % of PON Exceptions Resolved Within ten (10) Business Days	
Calculation	**Numerator**: Number of PON Notifier Exceptions resolved within ten (10) business days. **Denominator**: Total Number of PON Notifier Exceptions resolved in the Wholesale Customer Care Center (WCCC) in the reporting month plus unresolved PON Notifier Exceptions greater than ten (10) business days.

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Function:	
OR-11 Timeliness of Loss of Line Report	
Definition:	
The number of transmission days from the effective date of the line loss to the date that the notification information is made available to the CLEC on the Loss of Line (LOL) Report. Measured in percentage of notification records transmitted within the time standard, this measurement indicates whether the CLEC was promptly notified that a customer migrated to another provider. The interval measured starts with the SOP update that the physical/provisioning migration to the gaining carrier has been completed and ends when an accurate loss notification is transmitted to the losing CLEC. Inaccurate and missing notices are considered late. Loss of Line Reports will be provided to CLECs each transmission day by one of the three alternatives specified below. The LOL process starts at 6:00 PM with collection of "D" information from the SOP. Information is then held from two (2) to five (5) days for a matching "N" order prior to being included in a Loss of Line Report. Non-transmission day and holiday LOL is reported on the next transmission day. LOL for CLECs is reported at the same time as Verizon's. **Note:** Verizon offers its CLEC customers the option of receiving LOL Reports through the Network Data Mover (NDM) /Connect Direct, EDI, and FTP File Server processes. The time of report delivery will be defined as: • For the NDM and EDI processes, the delivery time will be considered to be the date/time stamp in the message header. • For FTP File Server, the delivery time will be considered to be the create time shown in the file directory.	
Exclusions:	
Verizon Test Orders	
Formula:	
(Total loss records in "y" transmission days divided by the total records on file) multiplied by 100	
Performance Standard:	
OR-11-01: 95% in two (2) Calendar Days	
Report Dimensions	
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific
Sub-Metrics	
OR-11-01 % UNE-P/Resale Line Loss Notifications in Days	
Products	• Resale • UNE
Calculation	**Numerator**: Number of accurate loss notices sent on daily LOL reports processed during month, where the difference between the Effective Date and the report date is equal to or less than two (2) calendar days. **Denominator**: Number of Loss Records on LOL Reports transmitted during the month.

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Function:		
OR-12 % Accuracy White Pages Directory Listings (Applicable to RI only)		
Definition:		
This metric measures the accurate provisioning of LSR and DL orders (LSR/DL) that result in the update of Directory Listings in the Verizon White Pages. Changes to the White Pages Directory Listings that were not authorized by a LSR/DL are also measured and counted as errors. The measurement is based on CLEC Directory Listings without CLEC reported errors as a percent of CLEC Directory Listings. "Directory Listing" means a CLEC customer's name, address and telephone number. "Error" means: the omission from the directory of a Directory Listing that the CLEC requested be included in the directory; the inclusion in the directory of a Directory Listing that the CLEC requested be excluded from the directory; incorrect telephone number; incorrect address; or, incorrect name. "Errors" include only errors that are attributable to Verizon and that are reported by a CLEC to Verizon's applicable Directory Listing error reporting interface, along with a copy of the applicable LSR/DL.[20] "Errors" do not include any Directory Listing that was provisioned in accordance with the applicable LSR or DL. The data included each month are for directories published in the third calendar month prior to the current data month. CLECs have at least three months after book publishing to report errors for inclusion in this metric.[21]		
Exclusions:		
• VZ Test Orders • Directory Listing errors that were in the previous published directory and for which the CLEC did not submit a correcting LSR/DL after the publication of the previous published directory. • Directory Listing errors that were incorrect on the LVR and not reported by the CLEC to Verizon for correction by the close out date for the Directory.		
Performance Standard:		
OR-12-01: 97% Accuracy		
Report Dimensions		
Company: • CLEC Aggregate on a per directory basis	Geography: • State Specific	
Sub-Metrics		
OR-12-01 % Accuracy White Pages Directory Listings		
Products	ALL	
Calculation	**Numerator**	**Denominator**
	Number of Published Directory Listings in White Pages plus CLEC reported Directory Listings omitted in error plus Non-Published Directory Listings, minus number of Directory Listings with CLEC reported Verizon errors.	Number of Published Directory Listings in White Pages plus CLEC reported Directory Listings omitted in error plus Non-Published Directory Listings.

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Note: OR-12-01 is a tracking metric for a trial period after which it will be evaluated to determine if it captures both the appropriate performance and measures it meaningfully.

[20] If a listing changed from the prior directory and should not have changed (for example, there was no LSR/DL activity), then the prior directory would be referenced.

[21] For example, all directories published in June could have errors reported in June, July, August and September and the % accuracy for the directories published in June would be reported in the report for the September data month.

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Section 3

Provisioning Performance

(PR)

	Function	Number of Sub-metrics
PR-1	Average Interval Offered	10
PR-3	Completed within Specified Number of Days (1-5 Lines)	6
PR-4	Missed Appointments	9
PR-5	Facility Missed Orders	4
PR-6	Installation Quality	3
PR-8	Percent Open Orders in a Hold Status	2
PR-9	Hot Cut Performance	3

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Function:
PR-1 Average Interval Offered
Definition:
This metric measures the average interval offered for completed and cancelled orders. The PR-1 sub-metric calculations for the report month include Orders that are complete in the billing system. (Orders that are not billing completed in the report month are not included in PR-1 calculations). For **POTS and Specials**, the Average Interval Offered is also known as the Average Appointed Interval. The average number of business days between order application date and committed due date (appointment date). The application date is the date that a valid service request is received. **Note:** Orders received after 5:00PM are counted as received the next business day. **Complex Orders** include: 2-Wire Digital Services (ISDN) and 2-Wire xDSL Loops and 2-Wire xDSL Line Sharing and Line splitting. **Specials** Orders include: All Designed circuits which include (but are not limited to) such services as high capacity services (DS1 or DS3), primary rate ISDN, 4-Wire xDSL services, digital services, and private lines or foreign served services (a line physically in one exchange, served by another through a circuit). EEL and IOF are reported separately from Specials in sub-metric PR-1-09. **Trunks**: The amount of time in business days between receipt of a clean ASR (received date restarted for each SUPP) and DD committed to from FOC. Measures service orders completed between the measured dates. **Notes:** (1) The offered intervals for cancelled orders are counted in the month during which the cancellation occurs. (2) Sub-metrics reported according to line size groupings will be based on the total lines in the orders.
Exclusions:
• VZ Test Orders. • Orders where customers request a due date (DD) that is beyond the standard available appointment interval. (X Appointment Code[22]). • Verizon Administrative orders. • Orders with invalid intervals *(e.g. Negative intervals or intervals over 200 business days – indicative of typographical error).* • For Verizon North only: Additional segments (pages or sections on individual orders) on orders (parts of a whole order are included in the whole). • Retail Suspend for non-payment and associated restore orders. • Special Project PONs (if applicable) per the process documented in Appendix S. • Orders requiring manual loop qualification. **Note:** 2-Wire Digital and 2-Wire xDSL orders that require manual loop qualification have an **R** populated in the ***Required*** field of the LR (indicating that a manual loop qualification is required). • Disconnects are excluded from all sub-metrics ***except*** sub-metric PR-1-12 which measures disconnects.

[22] Orders that are or should be X appointment coded. Effective 2/00, VZ will automate appointment coding when orders are received via LSOG4. CLECs that are not using LSOG4 are responsible to perform the X coding.

Performance Standard:		
PR-1-01 through PR-1-09 and PR-1-12 (*except for both PR–1-01 and PR-1-02 UNE 2-Wire xDSL Loops, UNE 2-Wire xDSL Line Sharing, and UNE 2-Wire xDSL Line Splitting and PR-1-09 UNE IOF, EEL – Backbone, and EEL – Loop*): Parity with VZ Retail. **PR-1-01 and 1-02, UNE 2-Wire xDSL Loops**: No Standard. **PR-1-01 and 1-02**, UNE 2-Wire xDSL Line sharing, and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO **PR-1-09** UNE IOF, UNE EEL – Backbone and EEL – Loop: No standard. Refer to the EEL and IOF legends on the C2C report templates. The published interval for one (1) to five (5) xDSL loops is six (6) business days (pre-qualified) Refer to Refer to the URL matrix at the beginning of the guidelines to obtain the specific URLs for Resale, UNE, UNE-P and Collocation product interval guides.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific		Geography: State Specific
Sub-Metrics – PR-1 Average Interval Offered		
PR-1-01 Average Interval Offered – Total No Dispatch		
Products	Resale: • POTS: Residence • POTS: Business • 2-Wire Digital Services	UNE: • POTS – Platform • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus the application date for orders without an outside dispatch in product groups.	Number of orders without an outside dispatch in product groups.
PR-1-02 Average Interval Offered – Total Dispatch		
Products	Resale: • 2-Wire Digital Services	UNE: • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for orders with an outside dispatch in product groups.	Number of orders with an outside dispatch in product groups.

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Sub-Metrics – PR-1 Average Interval Offered (continued)		
PR-1-03 Average Interval Offered – Dispatch one (1) to five (5) Lines		
Products	Resale: • POTS: Residence • POTS: Business	UNE: • POTS – Platform • POTS – Loop – Total
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for POTS orders with an outside dispatch in product groups for orders with one (1) to five (5) lines.	Number of POTS orders with an outside dispatch in product groups for orders with one (1) to five (5) lines.
PR-1-04 Average Interval Offered – Dispatch six (6) to nine (9) Lines		
Products	Resale: • POTS – Total	UNE: • POTS – Platform • POTS – Loop – Total
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for POTS orders with an outside dispatch in product groups for orders with six (6) to nine (9) lines.	Number of POTS orders with an outside dispatch in product groups for orders with six (6) to nine (9) lines.
PR-1-05 Average Interval Offered – Dispatch (≥ 10 Lines)		
Products	Resale: • POTS – Total	UNE: • POTS – Platform • POTS – Loop – Total
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for POTS orders with an outside dispatch in product groups for orders with 10 or more lines.	Number of POTS orders with an outside dispatch in product groups for orders with 10 or more lines.
PR-1-06 Average Interval Offered – Specials DS0		
Products	Resale: • DS0	UNE: • DS0
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for Special Services orders for DS0 services.	Number of Special Services orders for DS0 services.
PR-1-07 Average Interval Offered – Specials DS1		
Products	Resale: • DS1	UNE: • DS1
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for Special Services orders for DS1 services.	Number of Special Services orders for DS1 services.
PR-1-08 Average Interval Offered – Specials DS3		
Products	Resale: • DS3	UNE: • DS3
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for Special Services orders for DS3 services.	Number of Special Services orders for DS3 services.

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Sub-Metrics – PR-1 Average Interval Offered (continued)		
PR-1-09 Average Interval Offered – Total		
Products	UNE: • IOF • EEL – Backbone • EEL – Loop	CLEC Trunks: • Interconnection Trunks ((CLEC) ≤ 192 Trunks) • Interconnection =Trunks ((CLEC) > 192 and Unforecasted Trunks)
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for product group orders.	Number of orders for product group.
PR-1-12 Average Interval Offered – Disconnects		
Products	Resale: • POTS (including Complex) • Specials - Total	UNE: • POTS (including Complex) • Specials – Total
Calculation	**Numerator**	**Denominator**
	Sum of committed DD minus application date for product group disconnect orders.	Number of orders for product group.

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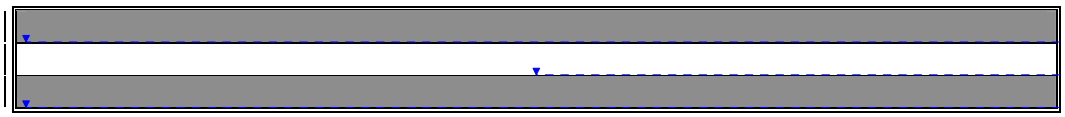

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Function:

PR-3 Completed within Specified Number of Days (1-5 Lines)

Definition:

This metric measures the percent of POTS orders with five (5) or fewer lines completed in specified number (by metric) of business days, between application and work completion dates. The application date is the date (day zero (0)) that a valid service request is received. **Note:** Orders received after 5:00PM are counted as received the next business day.

The PR-3 sub-metric calculations for the report month include orders that are complete in the billing system. (Orders that are not billing completed are not included in PR-3 calculations). Note: For PR-3-08 UNE Hot Cut Loops, orders in the calculation are based on physical work completion.

Exclusions:

- VZ Test Orders.
- Disconnect Orders.
- Orders where customers request a DD beyond the standard available appointment interval. (X Appointment Code).
- Verizon Administrative orders.
- Orders with invalid intervals *(e.g. Negative Intervals or intervals over 200 business days – indicative of typographical error).*
- For Verizon North only: Additional Segments on orders (parts of a whole order are included in the whole).
- Suspend for non-payment and associated restore orders.
- Orders completed late due to any end-user or CLEC caused delay.
- Coordinated cut-over Unbundled Network Elements such as loops or number portability orders.(This exclusion applies to all PR-3 sub-metrics except PR-3-08 UNE Hot Cut Loops)
- Special Project PONs (if applicable) per the process documented in Appendix S.

- For sub-metrics PR-3-03, and PR-3-10 2-Wire Digital, 2-Wire xDSL Loop, and PR-3-03 2-Wire xDSL Line Sharing and 2-Wire xDSL Line Splitting orders that require a manual loop qualification.

  Note: 2-Wire Digital, 2-Wire xDSL Loop, 2-Wire xDSL Line Sharing, and 2-Wire xDSL Line Splitting orders that require manual loop qualification have an **R** populated in the ***Required*** field of the LSR (indicating that a manual loop qualification is required).

For 2-Wire Digital, 2-Wire xDSL Loop, 2-Wire xDSL Line Sharing, and 2-Wire xDSL Line Splitting only:

- Orders missed due to facility reasons.

Performance Standard:

PR-3-01, PR-3-06, and PR-3-09: Parity with VZ Retail.

PR-3-03: 2-Wire xDSL Line Sharing, and UNE 2-Wire xDSL Line Splitting: 95% within the lesser of three (3) business days OR Parity with VADI/DSNO

PR-3-08: Hot Cut Loop: 95%

PR-3-10: 2-Wire Digital Loops: Parity with Retail

PR-3-10: 2-Wire xDSL Loops: 95%

Refer to the URL matrix at the beginning of the C2C guidelines for the specific URLs for products and intervals in effect at the time of the compliance filing.

Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific		Geography: • State Specific
Sub-Metrics		
PR-3-01 % Completed in one (1) Day one (1) to five (5) Lines – No Dispatch		
Products	Resale: • POTS – Total	UNE: • POTS – Platform
Calculation	**Numerator**	**Denominator**
	Number of No Dispatch POTS orders with one (1) to five (5) lines where completion date minus application date is one (1) or fewer days.	Number of No Dispatch POTS orders with one (1) to five (5) lines.
PR-3-03 % Completed in three (3) Days one (1) to five (5) Lines – No Dispatch		
Products	UNE: • 2 Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting	
Calculation	**Numerator**	**Denominator**
	Number of No Dispatch POTS orders with one (1) to five (5) lines where completion date minus application date is three (3) or fewer days.	Number of No Dispatch POTS orders with one (1) to five (5) lines.
PR-3-06 % Completed in three (3) Days one (1) to five (5) Lines – Dispatch		
Products	Resale: • POTS – Total	UNE: • POTS – Platform • POTS Loop - New
Calculation	**Numerator**	**Denominator**
	Number of Dispatch POTS orders with one (1) to five (5) lines where completion date minus application date is three (3) or fewer days.	Number of Dispatch POTS orders with one (1) to five (5) lines.
PR-3-08 % Completed in five (5) days one (1) to five (5) Lines – No Dispatch		
Products	UNE: • Hot Cut Loops	
Calculation	**Numerator**	**Denominator**
	Number of No Dispatch POTS orders with one (1) to five (5) lines where completion date minus application date is five (5) or fewer days.	Number of No Dispatch POTS orders with one (1) to five (5) lines.

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Sub-Metrics PR-3 % Completed within Specified Number of Days (1-5 Lines) (continued)		
PR-3-09 % Completed in five (5) Days one (1) to five (5) Lines – Dispatch		
Products	Resale: • POTS – Total	UNE: • POTS – Platform • POTS Loop – New
Calculation	**Numerator**	**Denominator**
	Number of POTS orders with one (1) to five (5) lines where completion date minus application date is five (5) or fewer days.	Number of Dispatch POTS orders with one (1) to five (5) lines.
PR-3-10 % Completed in six (6) Days one (1) to five (5) Lines – Total		
Products	UNE: • 2-Wire xDSL Loops • 2-Wire Digital Loops	
Calculation	**Numerator**	**Denominator**
	Number of orders (by specified product) with one (1) to five (5) lines where completion date minus application date is six (6) or fewer days.	Number of orders (by specified product) with one (1) to five (5) lines.

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Function:
PR-4 Missed Appointments
Definition:
This metric measures the Percent of Orders completed after the commitment date. The PR-4 sub-metric calculations for the report month include Orders that are complete in the billing system. (Orders that are not billing completed in the report month are not included in the PR-4 calculations). **Note:** This does **not** apply to the following metrics, which are calculated based on physical work completion: Interconnection Trunks (CLEC) PR-4-02, PR-4-03, and PR-4-15. **For LNP:** The percent of orders completed on time (not early) **xDSL Loops** are considered complete if completed on time on the due date. After completing the installation of a UNE 2-Wire xDSL Loop, Verizon will perform a cooperative continuity test for those CLECs that participate, as described in Appendix T of the C2C guidelines. The use of a DD-2 test or a CLECs 800 #, or a CLEC's serial number has no impact in the determination of a completed xDSL Loop. **Trunks:** Includes reciprocal trunks from VZ to CLEC. For PR-4-03, the percentage of trunks completed for which there was a missed appointment due to CLEC reasons. For PR-4-15, the percentage of trunks completed on or before the order due date. Metric PR-4-15 includes orders that were Customer Not Ready (CNR), and were completed in the report month.
Exclusions:
• VZ Test Orders • Disconnect Orders • Verizon Administrative orders • For Verizon North only: Additional Segments on orders (parts of a whole order are included in the whole) • Suspend for non-payment and associated restore orders. • LNP orders without office equipment which do not have a trigger placed on the line. • For PR-4-042-Wire Digital, 2-Wire xDSL Line Sharing, and UNE 2-Wire xDSL Line Splitting, and PR-4-14 UNE 2-Wire xDSL Loop ***only*** exclude orders missed for facility reasons.
Performance Standard:
Metrics PR-4-01, 4-02, 4-04 and 4-05 (*except Line Sharing, Line Splitting, and PR-4-02 Interconnection Trunks (CLEC)*): Parity with VZ Retail [23] **PR-4-02** Interconnection Trunks (CLEC): None – Analysis only. **PR-4-03 and 4-08**: No standard **PR-4-07** LNP: 95% on Time **PR-4-14** UNE 2-Wire xDSL Loop: 95% on Time. **PR-4-15:** Interconnection Trunks (CLEC) : 95% on Time UNE 2-Wire xDSL Line Sharing and 2-Wire xDSL Line Splitting: Parity with VADI/DSNO
Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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[23] % Missed Appointment Customer – No Standard – Not in Control of Verizon

Sub-Metrics			
PR-4-01	**% Missed Appointment – Verizon – Total**		
Description	The percent of orders completed after the commitment date, due to Verizon reasons.		
Products	Resale: • DS0 • DS1 • DS3 • Specials Other	UNE: • EEL • IOF • DS0 • DS1 • DS3 • Specials Other	
Calculation	**Numerator**	**Denominator**	
	Number of orders where the Order completion date is greater than the order DD due to Verizon reasons for product group.	Number of orders completed for product group.	
PR-4-02	**Average Delay Days – Total**		
Description	For orders/trunks missed due to Verizon reasons, the average number of business days between the order DD and actual work completion date.		
Products	Resale: • POTS - Total • 2-Wire Digital Services • Specials Total	UNE: • POTS - Total • 2-Wire Digital Services. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • Specials Total • EEL • IOF	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Sum of the completion date minus DD for orders/trunks missed due to company reasons by product group.	Number of orders/trunks missed for company reasons, by product group.	

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Sub-Metrics (continued) PR-4 Missed Appointments			
PR-4-03	**% Missed Appointment – Customer**		
Description	The percent of orders/trunks completed after the commitment date, due to CLEC or end-user delay. (Refer to Appendix B for Customer Miss Codes)		
Products	Resale: • POTS - Total • 2-Wire Digital Services. • Specials Total	UNE: • POTS - Total • 2-Wire Digital Services. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • EEL • IOF • Specials - Total	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of orders/trunks where the order completion date is greater than the order DD due to customer reasons for product group.	Number of orders/trunks completed for product group.	
PR-4-04	**% Missed Appointment – Verizon – Dispatch**		
Description	The Percent of Dispatched Orders completed after the commitment date, due to Verizon reasons.		
Products	Resale: • POTS - Total • 2-Wire Digital Services.	UNE: • POTS - Platform • Loop – New • 2-Wire Digital Services. • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting	
Calculation	**Numerator**	**Denominator**	
	Number of Dispatched Orders where the order completion date is greater than the order DD due to Verizon reasons for product group.	Number of Dispatched Orders completed for product group.	

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Sub-Metrics (continued) PR-4 Missed Appointments		
PR-4-05	**% Missed Appointment – Verizon – No Dispatch**	
Description	The Percent of No-Dispatch Orders completed after the commitment date, due to Verizon reasons.	
Products	Resale: • POTS - Total • 2-Wire Digital Services.	UNE: • POTS - Platform • 2-Wire Digital Services. • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of No Dispatch Orders where the Order completion date is greater than the order DD due to Company Reasons for product group.	Number of No Dispatch Orders Completed for product group.
PR-4-07	**% On Time Performance – LNP Only**	
Description	Percent of all LNP orders (including both the Trigger message and associated disconnect order) where trigger is in place one business day before the disconnect due date and disconnect is completed on or after 11:59PM of the due date. For LNP ***only*** orders, the percent of LNP (retail disconnect) orders completed in translation on or after due date on the order. Telephone Numbers disconnected early at the customer's request are considered met. Orders where the trigger is in place less than one business day prior to the disconnect due date but before the number is ported by the CLEC are not scored as missed triggers.	
Products	UNE: • LNP	
Calculation	**Numerator**	**Denominator**
	Number of LNP orders (1 order = Trigger message and disconnect order), where port trigger is completed one (1) business day before the due date and the retail disconnect is completed on or after 11:59PM of the due date.	Number of LNP orders completed (1 order = Trigger message and disconnect order).
PR-4-08	**% Missed Appointment – Customer – Due to Late Order Confirmation**	
Description	The percent of orders completed after the commitment date, due to CLEC or end-user delay, where the reason for customer delay is identified as a late order confirmation.	
Products	Resale: • 2-Wire Digital Services. • Specials Total	UNE: • 2-Wire Digital Services. • 2-Wire xDSL Loops • Specials – Total
Calculation	**Numerator**	**Denominator**
	Number of orders where the order completion date is greater than the order DD due to customer reasons (for late Order Confirmation) for product group	Number of orders completed for product group.

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Sub-Metrics (continued) PR-4 Missed Appointments		
PR-4-14	**% Completed On Time – 2-Wire xDSL**	
Description	% of 2-Wire xDSL Loop completed on time.	
Products	UNE • 2-Wire xDSL Loop	
Calculation	**Numerator**	**Denominator**
	Number of all orders completed on or before the DD.	Number of completed orders minus any orders delayed for customer reasons
PR-4-15	**% On Time Provisioning – Trunks**	
Description	The percent of trunks completed on or before the order due date.	
Products	Trunks • Interconnection Trunks (CLEC)	
Calculation	**Numerator**	**Denominator**
	The number of trunks where the order completion date is less than or equal to the order due date.	The number of trunks completed within the month.

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Function:
PR-5 Facility Missed Orders
Definition:
These sub-metrics measure facility missed orders. Additionally, PR-5-04 measures orders that were cancelled five (5) days after the due date. **Note:** The likely reason for such cancellations included in PR-5-04 would be due to a lack of facilities. The PR-5 sub-metric calculations for the report month include Orders that are complete in the billing system. (Orders that are not billing completed in the report month are not included in the PR-5 calculations). **Facility Missed Orders:** The Percent of Dispatched Orders completed after the commitment date, where the cause of the delay is lack of facilities. **Facility Missed Orders > 15 or 60 Days**: The percent of Dispatched orders missed for lack of facilities where the completion date minus the appointment date is greater than 15 or 60 calendar days. **Facility Missed Trunks**: The percentage of trunks completed after the commitment date, where the cause of the delay was due to lack of facilities. **Note:** trunks are not dispatched.
Exclusions:
• VZ Test Orders • Disconnect Orders • Verizon Administrative orders • For Verizon North only: Additional Segments on orders (parts of a whole order are included in the whole) • Suspend for non-payment and associated restore orders. • From PR-5-04: Orders missed or delayed due to customer reasons.
Performance Standard:
PR-5-01 through PR-5-03 (*except UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting*): Parity with VZ Retail. UNE 2-Wire xDSL Line Sharing and 2-Wire xDSL Line Splitting: Parity with VADI/DSNO **PR-5-04**: No Standard. This is a diagnostic measure.
Report Dimensions

Company:	Geography:
• VZ Retail • CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics			
PR-5-01 % Missed Appointment – Verizon – Facilities			
Description	The percent of Dispatched Orders or trunks completed after the commitment date, due to lack of Verizon facilities.		
Products	Resale: • POTS - Total • Specials - Total • 2-Wire Digital Services.	UNE: • POTS Loop - Total • POTS Platform • Specials - Total • 2-Wire Digital Services. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of dispatched orders or trunks where the order completion date is greater than the order DD due to Verizon Facility reasons for product group.	Number of dispatched orders or trunks completed for product group.	
PR-5-02 % Orders Held for Facilities > 15 Days			
Description	The Percent of Dispatched Orders or trunks completed more than 15 days after the commitment date, due to lack of Verizon facilities.		
Products	Resale: • POTS - Total • Specials - Total • 2-Wire Digital Services.	UNE: • POTS Loop - Total • POTS Platform • Specials - Total • 2-Wire Digital Services. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting.	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of dispatched orders or trunks where the completion date minus DD is 15 or more days for Company Facility reasons for product group.	Number of dispatched orders or trunks completed for product group.	
PR-5-03 % Orders Held for Facilities > 60 Days			
Description	The Percent of trunks completed more than 60 days after the commitment date, due to lack of Verizon facilities. **Note:** trunks are not dispatched.		
Products	Trunks: • Interconnection Trunks (CLEC)		
Calculation	**Numerator**	**Denominator**	
	Number of trunks where the completion date minus DD is 60 or more days for Company Facility reasons for product group.	Number of trunks completed for product group.	

Sub-Metrics (continued) Facility Missed Orders		
PR-5-04	**% Orders Cancelled (> five (5) days) after Due Date – Due to Facilities**	
Description	The percent of total orders (completed and cancelled) that are cancelled five (5) or more business days after the due date, exclusive of those orders with a customer miss jeopardy code.	
Products	UNE: • POTS Loop - Total • 2-Wire Digital Services • 2-Wire xDSL Loops • Specials – Total	
Calculation	**Numerator**	**Denominator**
	Number of cancelled orders cancelled five (5) or more business days after the due date (excluding those orders that missed due to customer reasons).	Number of orders completed or cancelled for the product group within the report month.

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Function:
PR-6 Installation Quality
Definition:
This metric measures the percent of lines/circuits/trunks installed where a reported trouble was found in the Verizon network within 30 days of order completion. Any additional trouble received after the initial I-code is closed out, and is within the specified time period (7 or 30 days) is counted as a repeater. For sub-metrics PR-6-01 and PR-6-03 only, the UNE POTS Loop Total product includes UNE Loop Hot Cuts. The PR-6 sub-metric calculations for the report month include Orders that are complete in the billing system. (Orders that are not billing completed in the report month are not included in the PR-6 calculations). **Note:** This does **not** apply to Hot Cuts and Interconnection Trunks (CLEC) which are calculated based on physical work completion. **Note:** For POTS services, the percent of lines/circuits/trunks installed where a reported trouble was found in the network within seven (7) days. This includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office). Disposition Code 05 includes translation troubles closed via STARMEM for Verizon North and SERVICE for Verizon Mid-Atlantic) automatically by CLEC. The source system: NMP-Mai.
Exclusions:
• Subsequent reports (additional customer calls while the trouble is pending). • Troubles closed due to customer action. • Troubles reported by Verizon employees in the course of performing preventative maintenance, where no customer has reported a trouble. • Special Project PONs (if applicable) per the process documented in Appendix S.
Formula:
Installation Troubles (within seven (7) or 30 days) with Disposition Codes 03, 04 and 05 divided by Lines completed multiplied by 100.
Performance Standard:
PR-6-01: Parity with VZ Retail For Found Troubles **PR-6-01**: UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO **PR-6-02**: UNE POTS – Loop Hot Cut - % Installation Troubles Reported within seven (7) Days: 2% **PR-6-03**: No standard
Report Dimensions

Company:	Geography:
• VZ Retail • CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics			
PR-6-01	**% Installation Troubles reported within 30 Days**		
Description	The percent of lines/circuits/trunks installed where a reported trouble was found in Verizon's network within 30 days of order completion. Includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office).		
Products	Resale: • POTS - Total • 2-Wire Digital services (ISDN) • Specials - Total	UNE: • POTS – Loop - Total • POTS Platform • 2-Wire Digital Loops. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • Specials - Total	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of Central Office and outside plant loop (Disposition Codes 03, 04 and 05) troubles with installation activity within 30 days of trouble report.	Total Lines installed in calendar month.	
PR-6-02	**% Installation Troubles reported within seven (7) Days**		
Description	The percent of lines/circuits/trunks installed where a reported trouble was found in the network within seven (7) days of order completion. Includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office).		
Products	UNE: • POTS – Loop Hot Cut		
Calculation	**Numerator**	**Denominator**	
	Number of Central Office and outside plant loop (Disposition Codes 03, 04 and 05) troubles with installation activity within seven (7) days of trouble report.	Total Lines installed in calendar month.	
PR-6-03	**% Installation Troubles reported within 30 Days – FOK/TOK/CPE**		
Description	The percent of lines/circuits/trunks installed where a reported trouble was not found in the network within 30 days of order completion. Includes Disposition Codes 07, 08, and 09 (Found OK/Test OK) and Disposition Codes 12 and 13 (CPE).		
Products	Resale: • POTS – Total • 2-Wire Digital Services (ISDN) • Specials - Total	UNE: • POTS – Loop - Total • POTS – Platform • 2-Wire Digital Services. • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • Specials - Total	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of Not Found, Test OK and CPE troubles with installation activity within 30 days of trouble report.	Total Lines installed in calendar month.	

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Function:
PR-8 Percent Open Orders in a Hold Status
Definition:
This metric measures the number of open orders that at the close of the reporting period have been in a hold status for more than 30 or 90 calendar days, as a percentage of orders completed in the reporting period. The PR-8 sub-metric calculations for the report month include Orders that are complete in the billing system. (Orders that are not billing completed in the report month are not included in the PR-8 calculations). **Note:** This does **not** apply to the following metrics, which are calculated based on physical work completion: PR-8-01 and PR-8-02 Interconnection Trunks (CLEC). An **open order** is a valid order that has not been completed or cancelled. Open orders in a hold status include: 1. Open orders that have passed the originally committed completion date due to VZ reasons; and, 2. Open orders that have not been assigned a completion date due to VZ reasons. Measurement of the 30 and 90 day intervals for open orders that have passed the originally committed completion date due to VZ reasons will commence with such passed originally committed completion date (passed originally committed completion date = Day 0). Measurement of the 30 and 90 day intervals for open orders that have not been assigned a completion date due to VZ reasons will commence with the application date (application date = Day 0).
Exclusions:
• VZ Test Orders. • Disconnect Orders. • Verizon Administrative orders. • For Verizon North only: Additional segments on orders (parts of a whole order are included in the whole). • Orders that are complete or cancelled. • Suspend for non-payment and associated restore orders. • Orders that have passed the committed completion date, or whose completion has been delayed, due to CLEC or end user delay. (including VZ requests for cancellation) • Orders that at the request of the CLEC or VZ Retail customer have not been assigned a completion date.
Performance Standard:
Parity with Verizon Retail. UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting performance standard is Parity with VADI/DSNO.
Report Dimensions

Company	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics			
PR-8-01 Percent Open Orders in a Hold Status > 30 Days			
Products	Resale: • POTS – Total • 2-Wire Digital Services • Specials - Total	UNE: • POTS – Total • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • Specials - Total • EEL • IOF	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of open orders that at the close of the reporting period have been in a hold status for more than 30 days.	Total number of orders completed in the reporting period.	
PR-8-02 Percent Open Orders in a Hold Status > 90 Days			
Products	Resale: • POTS - Total • 2-Wire Digital Services • Specials - Total	UNE: • POTS - Total • 2-Wire Digital Services • 2-Wire xDSL Loops • 2-Wire xDSL - Line Sharing • 2-Wire xDSL Line Splitting • Specials - Total • EEL • IOF	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of open orders that at the close of the reporting period have been in a hold status for more than 90 days.	Total number of orders completed in the reporting period.	

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Function:

PR-9 Hot Cut Loops

Definition:

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The PR-9-01 sub-metric measures the percent on-time performance for UNE Hot Cut Loops. The PR-9-02 sub-metric measures the total number of lines cut before the frame due time.

A Hot Cut is considered **complete** when the following situation occurs:

Work is done at the appointed Frame Due Time (FDT) as noted on the LSRC or the work is done at a time mutually agreed upon by the RCCC/CLEC. The time is either within a prescribed interval as noted in the C2C guidelines, or it is a mutually accepted interval agreed upon by Verizon and the CLEC (*e.g. project completes by a certain date*).

Note: If Verizon re-institutes the acceptance testing process, the percent on time measure will include the time it takes to complete acceptance testing.

A Hot Cut is considered **missed** when one of the following occurs:

1. Premature disconnect called in to 1-877-HotCuts (otherwise the disconnect would be captured as a Retail trouble).
2. Work was not done (*e.g. work was not turned up to CLEC by some means (e-mail, VMS, direct phone call*)) by close of intervals noted under *Met Hot Cuts* definition due to a Verizon reason (*e.g. HFC, late turn-up, due date pushed out due to Verizon action*).

Exclusions:

- VZ Test Orders
- Verizon Administrative orders
- For Verizon North only: Additional segments on orders (parts of a whole order are included in the whole)
- Orders that are not complete. (Orders are included in the month that they are complete)
- If a CLEC cancels an order before the start of a Hot Cut window and VZ performs the Hot Cut, this VZ error will result in a retail trouble report and need not be reflected elsewhere.

For PR-9-02 applicable to MD & VA only:

- Early cuts not reported by CLEC

Performance Standard:

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PR-9-01: 95% completed within window

PR-9-02: (Applicable to MD & VA only)

- MD: Not more than 2% of lines cut early
- VA: Not more than 1% of lines cut early

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PR-9-08: No standard

Standard for Cut-Over Window: Amount of time from start to completion of physical cut-over of lines:

one (1) to nine (9) lines: one (1) Hour
10 to 49 lines: two (2) Hours
50 to 99 lines: three (3) Hours
100 to 199 lines: four (4) Hours
200 plus lines: eight (8) Hours

If IDLC is involved – Four (4) hour window (8:00AM to 12:00PM (Noon) or 1:00PM to 5:00PM). Four (4) hour window applies to start time. This is only applicable if Verizon notified the CLEC by 2:30PM EST on DD-2 that the service was on IDLC.

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Report Dimensions	
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific

Sub-Metrics – Hot Cut Loops		
PR-9-01 % On Time Performance – Hot Cut		
Description	Percent of all UNE Loop orders completed within the cut-over window. Start time specified on LSR. For UNE Loops, includes both Loop only and Loop & Number Portability. Orders disconnected early, and orders cancelled during or after a defective cut due to Verizon reasons are considered not met.	
Products	UNE: • Loop – Hot Cut (Coordinated Cut-over)	
Calculation	**Numerator**	**Denominator**
	Number of Hot Cut (coordinated loop) orders (with or without number portability) completed within commitment window (as scheduled on order) on DD.	Number of Hot Cut (coordinated loop orders) completed.
PR-9-02 % Early Cuts – Lines (Applicable to MD and VA only)		
Description	The total number of lines cut before the frame due time (i.e. the beginning of the cut-over window) or cut before mutually agreed upon time between Verizon and the CLEC divided by the total number of hot cut lines completed in the month.	
Products	UNE: • Loop- Hot Cut (Coordinated Cut-over)	
Calculation	**Numerator**	**Denominator**
	Count of hot cut (coordinated loop) lines (With or without number portability) cut before frame due time or cut before mutually agreed upon time between Verizon and the CLEC.	Count of hot cut lines completed.
PR-9-08 Average Duration of Service Interruption		
Description	The average repair time (Mean Time to Repair – (MTTR)) for Hot Cut Installation troubles.	
Calculation	**Numerator**	**Denominator**
	The sum of the trouble clear date and time minus the trouble receipt date and time for Central Office and Loop troubles (disposition codes 03, 04, and 05) for HotCut Installation troubles reported within seven (7) days.	Number of Central Office and Loop troubles (disposition codes 03, 04, and 05) for HotCut Installation troubles reported within seven (7) days.

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Section 4

Maintenance & Repair Performance

(MR)

	Function	Number of Sub-metrics
MR-1	Response Time OSS Maintenance Interface	6
MR-2	Trouble Report Rate	5
MR-3	Missed Repair Appointments	3
MR-4	Trouble Duration Intervals	8
MR-5	Repeat Trouble Reports	1

Function:

MR-1 Response Time OSS Maintenance Interface

Definition:

These sub-metrics measure the response time defined as the time, in seconds, that elapses from receipt of a query request to issuance of a response. This performance is measured at the access platform. Only POTS Total transactions are included in this measure.

Exclusions:

- CLEC Create Transactions – complex create trouble transactions not available to retail including:
  - Feature fix create
  - Transactions on circuits with recent change activity requiring Service Order lookup
  - Retrieval of trouble ticket number following create
  - For PA, DE and WV only: Circuit ownership validation associated with LMOS transactions (circuit ownership validation associated with LMOS replacement system are not excluded from MR-1)
- Other CLEC Transactions – functions not available to Verizon Retail including:
  - Transactions on circuits with recent change activity requiring Service Order look-up
  - For PA, DE and WV only: Circuit ownership validation associated with LMOS and test transactions (circuit ownership validation associated with LMOS replacement system are not excluded from the measure).
- EnView transactions
- Excluded from MR-1-06: transactions that are incomplete due to Line In Use (LIU).

Methodology:

8:00AM to 5:00PM seven (7) days per week, no holiday exclusions.

For VZ retail representatives: Retail performance is reported directly from Common Agent Desktop (CAD). Measurements begin when the CAD server receives a request from the GUI, and end when the CAD server sends a response to the GUI. The create, modify, and request cancellation of trouble transaction measurements, are the sum of the averages of the response times of the initial inquiry transaction and trouble report transaction. If the user cancels the transaction between the first and second measurement, the time from the first measurement is still included in the calculation of the average for the first measurement.

For CLEC representatives: Actual response times reported by RETAS. CLEC modify transactions also include end-user status transactions and cancel transactions with an error code of 0302 (ticket cannot be closed due to pending work in progress).

Performance Standard:

Parity with Retail plus not more than four (4) seconds. Four (4)-second difference allows for variations in functionality.

Report Dimensions

Company:	Geography:

• CLEC Aggregate	• **Web GUI**
	  • NY, CT: NY/CT (Combined Reporting for CLEC results)
	  • MA, RI, NH, VT, ME, PA, DE, MD, DC, VA, WV: State Specific
	• **Electronic Bonding**: NJ: State Specific
	
	For Retail: All MR-1 sub-metrics are reported at a state specific level.

Products	• WebGUI • Electronic Bonding (EB): NJ Only

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Sub-Metrics		
MR-1-01 Average Response Time – Create Trouble		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Create Trouble transactions.
MR-1-02 Average Response Time – Status Trouble		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Status Trouble transactions.
MR-1-03 Average Response Time – Modify Trouble		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Modify Trouble transactions.
MR-1-04 Average Response Time – Request Cancellation of Trouble		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Request for Cancellation of Trouble transactions.
MR-1-05 Average Response Time –Trouble Report History (by TN/Circuit)		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Trouble History transactions.
MR-1-06 Average Response Time – Test Trouble (POTS Only)		
Calculation	**Numerator**	**Denominator**
	Sum of all response times from the time transaction is received at the Verizon access platform to the time a response is sent from the Verizon access platform.	Number of Trouble Test transactions.

Function:

MR-2 Trouble Report Rate

Definition:

This metric measures the total initial customer direct or referred troubles reported, where the trouble disposition was found to be in the network, per 100 lines/circuits/trunks in service. Loop equals Drop Wire plus Outside Plant Loop. Network Trouble means a trouble with Disposition Codes of 03 (Drop-wire), 04 (Outside Plant Loop), 05 (Central Office) FAC, CO and STN.

Subsequent Reports: Additional customer trouble calls while an existing trouble report is pending – typically for status or to change or update information.

The Disposition Codes set forth in the CLEC Handbook, Vol III Section 8.can be found on the Verizon wholesale web-site. Refer to the URL matrix at the beginning of the C2C guidelines for the URL to find disposition codes in effect at the time of the compliance filing.

Exclusions:

- Report rate excludes subsequent reports (additional customer calls while the trouble is pending)
- Troubles reported on VZ official (administrative lines)
- Troubles closed due to customer action.
- Troubles reported by Verizon employees in the course of performing preventative maintenance, where no customer has reported a trouble

Excluded from Total and Loop/CO report rates:

- Customer Premises Equipment (CPE) troubles
- Troubles reported but not found (Found OK and Test OK).

Excluded from MR-2-02 and MR-2-03 for 2-Wire xDSL Loops and 2-Wire xDSL Line sharing: Installation troubles

Performance Standard:

MR-2-01, MR-2-02, MR-2-03 Report Rate: Parity with Verizon Retail

UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO
Trunk Retail Equivalent = IXC FGD. Parity should be assessed in conjunction with MTTR

MR-2-04, % Subsequent Reports: No standard
Parity to be assessed in conjunction with missed appointments.

MR-2-05, % CPE/TOK/FOK Reports: (Customer Premises Equipment, Test OK, Found OK)
No standard. Used for root cause analysis. For CLEC troubles a not found trouble is coded as CPE.

Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

Sub-Metrics

MR-2-01 Network Trouble Report Rate

Products	Resale: • Specials	UNE: • Specials	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**		**Denominator**
POTS:	Number of all trouble reports with found network troubles (disposition codes FAC, CO, and STN).		Number of specials or trunks in service.

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Sub-Metrics – MR-2 Network Trouble Report Rate (continued)		
MR-2-02 Network Trouble Report Rate – Loop		
Products	Resale: • POTS • 2-Wire Digital Services (ISDN)	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of all loop trouble reports (Disposition Codes of 03 and 04).	Number of Lines in service.
MR-2-03 Network Trouble Report Rate – Central Office		
Products	Resale: • POTS • 2-Wire Digital services (ISDN)	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of all Central Office trouble reports (Disposition Code of 05).	Number of Lines in service.
MR-2-04 % Subsequent Reports		
Description	Subsequent Reports: Additional customer trouble calls received while an existing trouble report is pending. Subsequents are typically status inquiries or customers calling to change information.	
Products	Resale: • POTS • 2-Wire Digital Services (ISDN)	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of subsequent reports (Field and administrative repeaters for Disposition Codes, 03, 04 and 05, FAC, CO and STN).	Number of Total Disposition Codes 03, 04, and 05, FAC, CO and STN troubles reported (Per MR-2-01).

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Sub-Metrics – MR-2 Network Trouble Report Rate (continued)		
MR-2-05 % CPE/TOK/FOK Trouble Report Rate		
Description	Troubles closed to CPE, Found OK and Test OK as a percent of lines in service.	
Products	Resale: • POTS • 2 Wire Digital Services (ISDN) • Specials	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting • Specials
Calculation	**Numerator**	**Denominator**
	Number of all CPE (Disposition Codes 12/13), Test OK, and Found OK troubles (Disposition Codes 07, 08, and 09), and No Trouble Found (NTF) for Specials.	Number of lines in service.

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Function:
MR-3 Missed Repair Appointments
Definition:
These metrics measure the percent of reported Network Troubles not repaired and cleared by the date and time committed. Also referred to as percent of customer troubles not resolved within estimate. Appointment intervals vary with force availability in the POTS environment. Includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office). Loop is defined as Disposition Codes 03 plus 04. These troubles are always dispatched out. Verizon uses a single ticket process for misdirected troubles on UNE POTS voice loops (only). This process enables Verizon to redirect a trouble to the opposite end of the circuit after a CLEC made an error in the initial dispatch direction.
Exclusions:
• Troubles reported on VZ official (administrative lines) • Missed appointments where the CLEC or end-user causes the missed appointment or required access was not available during appointment interval • Excludes subsequent reports (additional customer calls while the trouble is pending) • *****Customer Premises Equipment (CPE) troubles • *****Troubles reported but not found (Found OK (FOK) and Test OK (TOK)). • Troubles closed due to customer action. • Troubles reported by Verizon employees in the course of performing preventative maintenance, where no customer reported a trouble. • Sub-metric MR-3-02 POTS Loop Only: exclude *redirected* troubles. A trouble ticket is considered a *redirect* if it was dispatched **IN** and **OUT**, and the trouble was found in the opposite direction from the CLEC's reported trouble direction. Reports with multiple dispatches in the same direction are not excluded. **Note:** The following *No Access Rule* applies to MR-3 *Missed Repair Appointments* sub-metrics: Exclude records where Verizon dispatches a technician prior to the appointment date, and encounters a *No Access* situation. ***** The CPE and FOK/TOK exclusions do not apply to sub-metric MR-3-03.
Performance Standard:
MR-3-01 and MR-3-02 (*except 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting*) – Parity with VZ Retail. **MR-3-01 and MR-3-02** UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO **MR-3-03:** No standard
Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics		
MR-3-01 % Missed Repair Appointment – Loop		
Products	Resale: • POTS - Business • POTS – Residence • 2 Wire Digital Services (ISDN)	UNE: • Platform Business • Platform Residence • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of Loop troubles where clear time is greater than commitment time (missed appointments for (M=X) for Disposition Codes 03 and 04).	Number of Loop troubles (Disposition Codes 03 and 04).
MR-3-02 % Missed Repair Appointment – Central Office		
Products	Resale: • POTS- Business • POTS- Residence • 2 Wire Digital Services (ISDN)	UNE: • Platform Business • Platform Residence • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of Central Office troubles where clear time is greater than commitment time (missed appointments (M=X) for Disposition Code 05).	Number of Central Office Troubles (Disposition Code 05).
MR-3-03 % CPE/TOK/FOK – Missed Appointment		
Products	Resale: • POTS • 2 Wire Digital Services (ISDN)	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Number of CPE, FOK and TOK troubles where clear time is greater than appointment time for (M=X) Disposition Codes (07, 08, 09, 12, and 13).	Number of CPE, FOK and TOK troubles (Disposition Codes 07,08, 09, 12, and 13).

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Function:

MR-4 Trouble Duration Intervals

Definition:

This metric measures trouble duration intervals. Mean Time to Repair: (MTTR) For Network Trouble reports, the average duration time from trouble receipt to trouble clearance. Includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office).

For **POTS, Resale and UNE Platform,** trouble duration intervals are measured on a *running clock* basis. Run clock includes weekends and holidays.

For **UNE Loop, UNE 2-Wire Digital Loop, and UNE 2-Wire xDSL** products, trouble duration intervals are measured on a limited *stop clock* basis. A *stop clock* is used when the customer premises access, provided by the CLEC and its end user, is after the offered repair interval. ***For example,*** if customer premises access is not available on a weekend, the clock stops at 5:00PM Friday, and resumes at 08:00AM Monday. This applies to dispatched out tickets only.

For **Special Services** and Interconnection Trunks (CLEC), this is measured on a *stop clock* basis *(e.g., the clock is stopped when CLEC testing is occurring, VZ is awaiting carrier acceptance, or VZ is denied access).*

Out of Service Intervals: The percent of Network Troubles that indicate an Out-Of-Service (OOS) condition which was repaired and cleared more than "y" hours after receipt of trouble report. OOS means that there is no dial tone, the customer cannot call out, or the customer cannot be called. The OOS period commences when the trouble is logged into VZ's designated trouble management system after the trouble is entered via a trouble reporting interface. OOS intervals are measured using the same duration calculations that apply to Mean Time to Repair metrics for the products listed above. Includes Disposition Codes 03 (Drop Wire), 04 (Cable) and 05 (Central Office). **Note:** "y" equals hours OOS (2, 4, 12 or 24 hours).

For Special Services: An OOS condition is defined as follows: Troubles where, in the initial contact with the customer, it is determined that the circuit is completely OOS (osi = "y") and not just an intermittent problem , and the trouble completion code indicated that a trouble was found within the Verizon network.

Verizon uses a single ticket process for misdirected troubles on UNE POTS voice loops (only). This process enables Verizon to redirect a trouble to the opposite end of the circuit after a CLEC made an error in the initial dispatch direction.

Exclusions:

- Troubles reported on VZ official (administrative lines)
- Subsequent reports (additional customer calls while the trouble is pending)
- Customer Premises Equipment (CPE) troubles
- Troubles reported but not found (Found OK and Test OK).
- Troubles closed due to customer action.
- Troubles reported by Verizon employees in the course of performing preventative maintenance, where no customer reported a trouble.
- For, Sub-metric MR-4-03 POTS Loop Only: exclude *redirected* troubles. A trouble ticket is considered a *redirect* if it was dispatched **IN** and **OUT**, and the trouble was found in the opposite direction from the CLEC's reported trouble direction. Reports with multiple dispatches in the same direction are not excluded.

For troubles where the *stop clock* is used:

- the time period from when the *stop clock* is initiated until the time when the clock resumes.

Performance Standard:		
Parity with VZ Retail (*except UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting*). UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Sub-Metrics – Trouble Duration Intervals		
MR-4-01 Mean Time To Repair – Total		
Products	Resale: • POTS • 2 Wire Digital Services (ISDN) • Specials non DS0 and DS0 • Specials DS1 and DS3	UNE: • Platform • Loop • 2-Wire Digital Loop • Specials non DS0 and DS0 • Specials DS1 and DS3 Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**
	Sum of trouble clear date and time minus trouble receipt date and time for Central Office and Loop troubles (Disposition Codes 03, 04 and 05, FAC, CO, and STN).	Number of Central Office and Loop troubles (Disposition Codes 03, 04 and 05, FAC, CO, and STN).
MR-4-02 Mean Time To Repair – Loop Trouble		
Products	Resale: • POTS- Business • POTS- Residence • 2-Wire Digital Services (ISDN)	UNE: • Platform Business • Platform Residence • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Sum of the trouble clear date and time minus the trouble receipt date and time for Loop troubles (Disposition Codes 03 and 04).	Number of Loop troubles (Disposition Codes 03 and 04).

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Sub-Metrics MR-4 Trouble Duration Intervals (continued)

MR-4-03 Mean Time To Repair – Central Office Trouble

Products	Resale: • POTS- Business • POTS- Residence • 2 Wire Digital Services (ISDN)	UNE: • POTS – Platform Business • POTS – Platform Residence • POTS - Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting
Calculation	**Numerator**	**Denominator**
	Sum of trouble clear date and time minus trouble receipt date and time for Central Office troubles (Disposition Code 05).	Number of Total Central Office troubles (Disposition Codes 05).

MR-4-04 % Cleared (all troubles) within 24 Hours

Products	Resale: • POTS • 2 Wire Digital Services (ISDN) • Specials non DS0 and DS0 • Specials DS1 and DS3	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting • Specials non DS0 and DS0 • Specials DS1 and DS3	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**		**Denominator**
	Number of troubles, where the trouble clear date and time minus trouble receipt date and time is less than or equal to 24 hours (Disposition Codes 03, 04, and 05, FAC, CO, and STN).		Number of Central Office and Loop troubles (Disposition Codes 03, 04 and 05, FAC, CO, and STN).

MR-4-05 % Out of Service > 2 Hours

Products	Trunks: • Interconnection Trunks (CLEC)	
Calculation	**Numerator**	**Denominator**
	Number of trunk troubles OOS, where the trouble clear date and time minus the trouble receipt date and time is greater than two (2) hours.	Number of Total OOS trunk troubles (Loop and Central Office).

MR-4-06 % Out of Service > 4 Hours

Products	Resale: • POTS – Business • POTS - Residence • Specials non DS0 and DS0 • Specials DS1 and DS3	UNE: • Platform – Business • Platform - Residence • Specials non DS0 and DS0 • Specials DS1 and DS3	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**		**Denominator**
	Number of troubles OOS, where the trouble clear date and time minus trouble receipt date and time is greater than four (4) hours.		Number of OOS troubles (Loop and Central Office).

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Sub-Metrics MR-4 Trouble Duration Intervals (continued)			
MR-4-07 % Out of Service > 12 Hours			
Products	Resale: • POTS – Business • POTS - Residence • 2 Wire Digital Services (ISDN)	UNE: • Platform – Business • Platform - Residence • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2- Wire xDSL Line Splitting	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of troubles OOS, where the trouble clear date and time minus trouble receipt date and time is greater than 12 hours.	Number of OOS troubles (Loop and Central Office).	
MR-4-08 % Out of Service > 24 Hours			
Products	Resale: • POTS- Business • POTS- Residence • 2 Wire Digital Services (ISDN) • Specials non DS0 and DS0 • Specials DS1 and DS3	UNE: • Platform Business • Platform Residence • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting • Specials non DS0 and DS0 • Specials DS1 and DS3	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of troubles OOS, where the trouble clear date and time minus trouble receipt date and time is greater than 24 hours.	Number of OOS troubles (Loop and Central Office).	

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Function:
MR-5 Repeat Trouble Reports
Definition:
This metric measures the percent of troubles cleared that have an additional trouble reported/cleared within 30 days for which a network trouble (Disposition Codes 03, 04, or 05) is found. A repeat trouble report is defined as a trouble on the same line/circuit/trunk as a previous trouble report that occurred within the last 30 calendar days of the previous trouble. Any trouble, regardless of the original Disposition Code, that repeats as a Disposition Code 03, 04, or 05 will be classified as a repeat report with the exception of those exclusions listed in Section A below. The identification of a repeat report and the scoring (number of days since original report) is based on the Close Date of the original report (often referred to as the "OR") to the Close Date of the repeater.
Exclusions:
Section A: A report is not scored as a ***repeat*** when the original reports are: • For Loop troubles *(e.g. analog loop, 2-Wire Digital Loops, and 2-Wire xDSL Loops)* a repeat is not scored when the original report is no access or misdirected. 1. An initial trouble may only be closed to a *No Access* disposition code if access is not available within the appointment window. 2. An original report that was closed to No Trouble Found (NTF), Found OK (FOK), or Customer Premises Equipment (CPE) is deemed to have been *misdirected* if the trouble is found in the opposite direction from the direction reported by the CLEC. Section B: Excluded from the ***repeat*** reports are: • Troubles reported on VZ official (administrative lines) • subsequent reports (additional customer calls while the trouble is pending) • CPE troubles • Troubles reported but not found upon dispatch (Found OK and Test OK). • Troubles closed due to customer action. • Troubles reported by Verizon employees in the course of performing preventative maintenance, where no customer reported a trouble. • Troubles that are reported in the PR-6-01 % Installation Troubles Reported within 30 Days metric.
Performance Standard:
Parity with VZ Retail (*except UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting*) UNE 2-Wire xDSL Line Sharing and UNE 2-Wire xDSL Line Splitting: Parity with VADI/DSNO.
Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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MR-5 Sub-Metrics			
MR-5-01 % Repeat Reports within 30 Days			
Products	Resale: • POTS • 2-Wire Digital Services (ISDN) • Specials	UNE: • Platform • Loop • 2-Wire Digital Loop • 2-Wire xDSL Loops • 2-Wire xDSL Line Sharing • 2-Wire xDSL Line Splitting • Specials	Trunks: • Interconnection Trunks (CLEC)
Calculation	**Numerator**	**Denominator**	
	Number of Central Office and Loop troubles that had previous troubles within the last 30 days. (Disposition Codes 03, 04, and 05, FAC, CO, and STN that repeated from Disposition Codes < 14). (Repeat Flag is set)	Total Central Office and Loop Found troubles (Disposition Codes 03, 04 and 05, FAC, CO, and STN) within the calendar month.	

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Section 5

Network Performance

(NP)

	Function	Number of Sub-metrics
NP-1	Percent Final Trunk Group Blockage	4
NP-2	Collocation Performance	8
NP-6	NXX Updates *Applicable to NJ only*	1

Network Performance (NP)

Function:
NP-1 Percent Final Trunk Group Blockage
Definition:
The percent of Final Trunk Groups that exceed blocking design threshold. Monthly trunk blockage studies are based on a time consistent busy hour. The percentage of VZ trunk groups exceeding the applicable blocking design threshold will be reported. Data collected in a single study period to monitor trunk group performance is a sample and is subject to statistical variation based upon the number of trunks in the group and the number of valid measurements. With this variation, for any properly engineered trunk group, the measured blocking for a trunk group for a single study may exceed the design-blocking threshold. [Tables specify the blocking threshold (Service Threshold) under which Verizon operates, above which it is statistically probable that the design blocking standard is not being met and the trunk group requires servicing action. For B.005 design, this is trunk-groups exceeding a threshold of about 2% blocking.] For this measure, VZ Retail Trunks are defined as Common Final Trunks carrying Local Traffic between offices. Typical common final trunks are between end-offices and access tandems. CLEC Trunks are dedicated final trunks carrying traffic from the VZ tandem to the CLEC.
Exclusions:
Trunks not included: • IXC Dedicated Trunks • Common Trunks carrying only IXC traffic VZ will electronically notify CLECs (operational trunk staffs), of the following situations for blocked trunks. This notification will identify that VZ has identified a blocked trunk group and that the trunk group should be excluded from VZ performance. Unless the CLEC responds back with documentation that the information on the condition is inaccurate, the trunk group will be excluded: • Trunks blocked due to CLEC network failure • Trunks that actually overflow to a final trunk, but are not designated as an overflow trunk • Trunks blocked where CLEC order for augmentation is overdue • Trunks blocked where CLEC has not responded to or has denied VZ request for augmentation • Trunks blocked due to other CLEC trunk network rearrangements.
Performance Standard:
Metrics NP-1-01, 02, and 03: No standard (Note: Because common trunks carry both retail and CLEC traffic, there will be parity with Retail on common trunks.) For individual trunk groups carrying traffic between VZ and CLECs, VZ will provide an explanation (and action plan if necessary) on individual trunks blocking for two months consecutively. **Metric NP-1-04:** An individual trunk should not be blocked for three consecutive months. **End User Standard** [Applicable to New York only]: 602.1(m) Final Trunk Group - The last choice group of common interoffice communications channels for the routing of local, operator and/or toll calls. 603.3(g) Percent Final Trunk Group Blockages. This metric is defined as the monthly percentage of blocked calls on any local, toll, and local operator final trunk groups and has a performance threshold of 3.0% or less for each final trunk group. 603.4(d)(3) For Percent Final Trunk Group Blockages, a Service Inquiry Report shall automatically be filed whenever performance is not at or better than 3.0 percent for three consecutive months.

Report Dimensions – NP-1 Percent Final Trunk Group Blockage		
Company: • VZ Retail • CLEC Aggregate • CLEC Specific		Geography: • State Specific
Products	Trunks: • CLEC Trunks	
Sub-Metrics		
NP-1-01	**% Final Trunk Groups Exceeding Blocking Standard**	
Calculation	**Numerator**	**Denominator**
	Number of Final Trunk Groups that exceed blocking threshold for one (1) month exclusive of trunks that block due to CLEC network problems as agreed by CLECs.	Total number of final trunk groups.
NP-1-02	**% Final Trunk Groups Exceeding Blocking Standard (No Exceptions)**	
Calculation	**Numerator**	**Denominator**
	Number of Final Trunk Groups that exceed blocking threshold.	Total number of final trunk groups.
NP-1-03	**Number Final Trunk Groups Exceeding Blocking Standard – Two (2) Months**	
Calculation	**Numerator**	**Denominator**
	Number of Final Trunk Groups that exceed blocking threshold, for two (2) consecutive months, exclusive of trunks that block due to CLEC network problems as agreed by CLECs.	Not applicable.
NP-1-04	**Number Final Trunk Groups Exceeding Blocking Standard – Three (3) Months**	
Calculation	**Numerator**	**Denominator**
	Number of Final Trunk Groups that exceed blocking threshold, for three (3) consecutive months, exclusive of trunks that block due to CLEC network problems as agreed by CLECs.	Not applicable.

Function:
NP-2 Collocation Performance
Definition:
This metric includes collocation arrangements ordered via both the state and federal tariffs. Both state and federal collocation arrangements are provisioned in accordance with the intervals listed in the state tariff. **Interval:** The average number of business days between order application date and completion or between order application date and response (notification of space availability) date. The application date is the date that a valid service request is received. A valid service request is a service request that was populated in accordance with the collocation application instructions found on URL: http://www22.verizon.com/wholesale/local/collocation/portal/1,20615,c_applications_instructions,00.html Refer to the state tariff in effect for interval information. The state tariffs are contained on web-site http://www.bell-atl.com/tariffs_info/intra/index.htm for specific collocation intervals (specific timelines and stop clocks are listed in the tariff). After accessing this web-site, select the desired state to access the state-specific tariffs. **Completions:** VZ will not be deemed to have completed work on a collocation case until the arrangement is suitable for use by the CLEC, and the cable assignment information necessary to use the facility has been provided to the CLEC. **Requirements for Deployment of 45 Business Day Augment Interval for Physical Collocation[24]:** • Infrastructure to support the requested augment must be in place (i.e.: cable racking from common area to distributing frames, relay racks for splitter shelves (Option C), frame capacity for termination blocks, cable holes, fuse positions at existing BDFBs, etc.) • Verizon reserves the right to negotiate longer intervals if the CLEC has not reasonably forecasted augment requirements consistent with the appropriate tariff forecasting terms & conditions, where applicable • Limited to single augments requests as follows: 800 2-Wire Voice Grade Terminations or 400 4W Voice Grade Terminations or 600 Line Share/Split Facilities or 28 DS1 Terminations or 24 DS3 Terminations or 12 Fiber Terminations or 2 Feeds (1A & 1B) DC power fused at 60 amps or less or Conversion of 2-Wire VG to 4W VG (min 100 - max 800) **Note:** All pairs must be spare and in consecutive 100 pair counts. **Guidelines for Deployment of 45 Business Day Augment Interval for Physical Collocation:** • Verizon reserves the right to negotiate longer intervals if the CLEC is not efficiently using existing terminations or facilities, and cannot demonstrate an immediate need for a 45 business day augment interval. • CLEC must install sufficient equipment to support requested terminations/facilities • CFA will be delivered at completion of augment • In large central offices with complex cable runs (i.e.: multiple floors) VZ may request to negotiate extensions to the 45 business day interval CLEC may elect to pay expedite charges for material delivery (i.e.: cable) to ensure the 45 business day interval is met.
Exclusions:
• None

[24] Effective November 1, 2001, and applicable in NY and CT only.

NP-2 Collocation Formula:		
Interval:∑ (Committed DD) minus the Application Date) divided by the Number of Arrangements. % On Time: Number of Arrangements completed on DD (adjusted for milestone misses) divided by Number of Arrangements completed multiplied by 100. Delay Days: :∑ (Actual Completion Date minus the Committed DD (adjusted for milestone misses)) divided by the Number of Arrangements where DD is missed. Milestone misses Milestone timeline attached in the appendix.		
Performance Standard:		
The collocation performance standards are based on the state tariff in effect for collocation. Refer to the web-site: http://www.bell-atl.com/tariffs_info/intra/index.htm for specific collocation intervals. NP-2-01, NP-2-02, NP-2-05 and NP-2-06 Physical and Virtual: 95% On Time NP-2-03, NP-2-04, NP-2-07 and NP-2-08: No standard. Average metric calculations do not have a standard. These metrics show the average interval; the actual standards are listed in the state tariff.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Products NP-2-01 and NP-2-02	• New Applications • Augment Applications	
Sub-Metrics		
NP-2-01 % On Time Response to Request for Physical Collocation		
Calculation	**Numerator**	**Denominator**
	Number of requests for Physical Collocation arrangements where a response to the request was due in report period and was answered on time.	Number of requests for Physical Collocation where the initial response was due in report period.
NP-2-02 % On Time Response to Request for Virtual Collocation		
Calculation	**Numerator**	**Denominator**
	Number of requests for Virtual Collocation arrangements where a response to the request was due in report period and was answered on time.	Number of requests for Virtual Collocation where the initial response was due in report period.
NP-2-03 Average Interval – Physical Collocation		
Products	• New Applications • Augment Applications not subject to the 45 business day interval • Augment Applications subject to the 45 business day interval	
Calculation	**Numerator**	**Denominator**
	Sum of duration from application date to completion date for Physical Collocation arrangements completed during report period. (Excludes time for CLEC milestone misses).	Number of Physical Collocation arrangements completed.

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Sub-Metrics NP-2 Collocation Performance (continued)		
NP-2-04	**Average Interval – Virtual Collocation**	
Products	• New Applications • Augment Applications	
Calculation	**Numerator**	**Denominator**
	Sum of duration from application date to completion date for Virtual Collocation arrangements completed during report period. (Excludes time for CLEC milestone misses).	Number of Virtual Collocation arrangements completed.
NP-2-05	**% On Time – Physical Collocation**	
Products	• New Applications • Augment Applications	
Calculation	**Numerator**	**Denominator**
	Number of Physical Collocation arrangements completed on or before DD (including DD extensions resulting from CLEC milestone misses).	Number of Physical Collocation arrangements completed.
NP-2-06	**% On Time – Virtual Collocation**	
Calculation	**Numerator**	**Denominator**
	Number of Virtual Collocation arrangements completed on or before DD (including DD extensions resulting from CLEC milestone misses).	Number of Virtual Collocation arrangements completed.
NP-2-07	**Average Delay Days – Physical Collocation**	
Calculation	**Numerator**	**Denominator**
	Sum of duration between actual Physical Collocation arrangement due completion date and DD for missed Physical Collocation arrangements (including DD extensions resulting from CLEC milestone misses).	Number of missed Physical Collocation arrangements.
NP-2-08	**Average Delay Days – Virtual Collocation**	
Calculation	**Numerator**	**Denominator**
	Sum of duration between actual Virtual Collocation arrangement due completion date and DD for missed Virtual Collocation arrangements (including DD extensions resulting from CLEC milestone misses).	Number of missed Virtual Collocation arrangements.

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Function:		
NP-6 NXX Updates (Applicable to NJ Only)		
Definition:		
This metric measures the percentage of NXX updates that were installed in Verizon's switches by the Local Exchange Routing Guide ("LERG") effective date. This metric will be measured and reported on a calendar quarterly basis and will be included in Performance Standards calculations for the final month of the quarter.		
Exclusions:		
• NXX updates where the interval between Verizon receipt of the CLEC request for the NXX update and the CLEC requested NXX update installation date is less than the industry standard interval specified by ATIS for requesting an NXX update (including, but not limited to, a requested activation date that is less than 45 days from input of code request information into the LERG). • Delays in installation of NXX updates caused by the CLEC (including, but not limited to, activation requests with errors or omissions in the LERG, RDBS or BRIDS, changes in the information entered in the LERG, RDBS or BRIDS, or delays in assignment of NXX codes or installation of NXX codes caused by the CLEC).		
Performance Standard:		
Parity with Verizon Retail.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Sub-Metrics:		
NP-6-01 % of NXX Updates Installed by the LERG Effective Date		
Calculation	**Numerator**	**Denominator**
	Number of NXX updates in the reporting period that were installed by the LERG effective date.	Total number of NXX updates in the reporting period.

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Section 6

Billing Performance

(BI)

	Function	Number of Sub-metrics
BI-1	Timeliness of Daily Usage Feed	1
BI-2	Timeliness of Carrier Bill	1
BI-3	Billing Accuracy and Claims Processing	7
BI-4	DUF Accuracy* (*Applicable to NJ Only)	1
BI-5	Accuracy of Mechanized Bill Feed* (*Applicable to NJ Only)	1
BI-6	Completeness of Usage Charges* (*Applicable to NJ & PA Only)	2
BI-7	Completeness of Fractional Recurring Charges* (*Applicable to NJ & PA Only)	2
BI-8	Non-Recurring Charge Completeness* (*Applicable to NJ & PA Only)	2

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Billing Performance (BI)

Function:
BI-1 Timeliness of Daily Usage Feed
Definition:
The number of business days from the creation of the message to the date that the usage information is made available to the CLEC on the Daily Usage Feed (DUF). Measured in percentage of usage records transmitted within four (4) business days. One report covers both UNE and Resale. For CLECs requesting this service, usage records will be provided to CLECs each business day. The usage process starts with collection of usage information from the switch. Most offices have this information teleprocessed to the data center. Not all offices poll usage every business day. Weekend and holiday usage is captured on the next business day. Usage for all CLECs is collected at the same time as VZ's. **Note:** • Verizon monitors the level of service order errors with the potential of delaying usage feeds; • Verizon monitors the timeliness of the usage feed to the process on a daily basis; and • Verizon offers its CLEC customers the option of receiving EMI usage feeds through the Network Data Mover (NDM) process to increase the timeliness of delivery.
Exclusions:
• Verizon Test Orders • Long Duration Calls* *Long Duration calls are defined as those calls that remain connected through two successive midnights. On all such calls, the call assembly process may output up to three record types indicating the beginning, continuation, or end of a long duration call. An annual study will be performed each December to determine the current volume of long duration calls.
Formula:
(Total usage records in "y" business days divided by the total records on file) multiplied by 100 **Note:** y = 4
Performance Standard:
Process is Designed at parity with Retail **BI-1-02**: 95% in Four (4) Business Days
Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

Sub-Metrics

BI-1-02 **% DUF in four (4) Business Days**

Calculation	Numerator	Denominator
	Number of usage records on daily usage feed tapes processed during month, where the difference between current date and call date is four (4) days or less.	Number of Usage Records on DUF tapes processed during month.

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Function:		
BI-2 Timeliness of Carrier Bill		
Definition:		
The percent of carrier bills sent to the carrier, unless the CLEC requests special treatment, within 10 business days of the bill date. The bill date is the end of the billing period for recurring, non-recurring and usage charges.		
Exclusions:		
Verizon Test Orders		
Formula:		
(Number of Bills sent within 10 business days divided by Number of Bills sent) multiplied by 100.		
Performance Standard:		
98% in 10 Business Days		
Report Dimensions		
Company: • CLEC Aggregate	Geography: • State Specific	
Sub-Metrics		
BI-2-01 Timeliness of Carrier Bill		
Calculation	**Numerator**	**Denominator**
	Number of carrier bills sent to CLEC [25] within 10 business days of bill date.	Number of Carrier Bills distributed.

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[25] Sent to Carrier, unless other arrangements are made with CLEC

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Function:
BI – 3 Billing Accuracy & Claims Processing
Definition:
For sub-metrics BI-3-01 through BI-3-03 (applicable in Pennsylvania only): The percentage of carrier bill VZ charges adjusted due to billing errors. Performance will be reported by CLEC based upon bill of record. These sub-metrics are reported only in Pennsylvania. **For sub-metrics BI-3-04, BI-3-05, BI-3-07 and BI-3-08:** These sub-metrics measure the promptness with which Verizon acknowledges and resolves CLEC billing adjustment claims processed in the Verizon Bill Claim Center. These sub-metrics include CLEC claims relating to a Wholesale Local bill presented by Verizon to the CLECs and is the CLEC's bill of record. These sub-metrics apply to CLEC claims that are submitted within 60 calendar days of the bill date and that are related to bill periods beginning on or after April 1st, 2003 in Verizon NY, CT and MA[26]. Procedural Issues: • Business hours for receipt of billing claims and transmission of responses are Monday through Friday, 8:00AM to 5:00PM Eastern Time, excluding Verizon Holidays; • CLEC claims for billing errors or Verizon responses received outside these business hours shall be considered received at 8:00AM Eastern Time on the first business day thereafter. • Claims must be submitted by e-mail to the appropriate claims organization. Refer to the URL matrix at the beginning of the C2C guidelines for the URL on Inquiries, Claims and Adjustments in effect at the time of the filing. All requested information must be provided, whichever format is used. Acknowledgment • Acknowledgement is defined as the transmission of a specifically formatted message acknowledging receipt of the claim with required information or transmission of a message informing the CLEC that the (numbered) claim cannot be processed for a specified reason(s) (for example, if additional detail or information is needed) by e-mail to the e-mail address from which the CLEC sent the claim. The message will contain both the Verizon claim number and the associated CLEC claim number (when provided by the CLEC). • Day of receipt shall be considered Day zero (0) for computing acknowledgement performance. The e-mail date/time stamp on the CLEC e-mail of claim submission will determine Day 0. • The date/time stamp on the e-mail containing the Acknowledgement message will be considered the Acknowledgement time of record. Resolution • A claim is considered "resolved" when Verizon transmits an e-mail (in a predefined standard format) to the e-mail address from which the CLEC sent the claim and that either 1) denies the claim, 2) grants the claim or 3) denies the claim in part and grants the claim in part. • Day of acknowledgement of a billing claim (as evidenced by the e-mail date/time stamp on the acknowledgement message) shall be considered Day "0" • If the 28th calendar day falls on a weekend or Verizon Holiday, resolution will be considered timely if returned on the next business day. Closure • A claim is considered "closed" when the credit appears (with both the Verizon and CLEC claim numbers) in the adjustment section of the Verizon invoice or when the CLEC agrees (via e-mail with Verizon's denial of the claim. Scope • For each master billing account number (BAN), each reason code submitted by a CLEC will count as a separate claim. There is no limitation on the number of claims by BAN or by reason code.

[26] The April 1, 2003 start date applies to New York, Connecticut, and Massachusetts. The start dates for the remaining VZ East states are as follows: New Hampshire, Maine, Rhode Island and Vermont: December 1st, 2001; Pennsylvania: April 1st, 2003; Delaware: July 1st, 2002; New Jersey: Contingent on Guideline approval; Maryland: Jan 1st, 2003; District of Columbia: Sept 1st, 2002; Virginia: June 1st, 2002, West Virginia: Feb 1st, 2003.

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Exclusions:

- **For sub-metrics BI-3-01 through BI-3-03:** Adjustments that are not billing errors such as: charges for directories, incentive regulation credits, Performance Assurance Plan Payments, out of service credits, special promotional credits.
- **For sub-metrics BI-3-04, and BI-3-05, BI-3-07 and BI-3-08:** CLEC claims for adjustments such as: charges for directories, incentive regulation credits, credits for performance remedies, out-of-service credits, and special promotional credits.

Performance Standard:

BI-3-01 and BI-3-03: Applicable to PA only: Parity with VZ Retail (excluding charges adjusted due to billing errors resulting from order activity post completion discrepancies).
BI-3-02: Applicable to PA only: No standard.
BI-3-04: 95% within two (2) business days after receipt
BI-3-05: 95% within 28 calendar days after acknowledgement
BI-3-07: No standard
BI-3-08: 97.5% within 45 calendar days

Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific (applicable to PA for BI-3-01, 3-02 and 3-03 only and applicable to MD for BI-3-04 and BI-3-05 only) • MD Only: Verizon Affiliate Aggregate • MD Only: Verizon Affiliate Specific	• State Specific

Sub-Metrics

BI-3-01 % Billing Adjustments- Paper Bills (CRIS & CABS combined) (Applicable to PA only)

Calculation	Numerator	Denominator
	Count of dollars adjusted for billing errors on paper bill	Total Dollars Billed on paper bill

BI-3-02 % Billing Adjustments – Number of Adjustments (Applicable to PA only)

Calculation	Numerator	Denominator
	Count of adjustments for billing errors	Total Bills

BI-3-03 % Billing Adjustments- Electronic Bills (Applicable to PA only)

Calculation	Numerator	Denominator
	Count of dollars adjusted for billing errors on electronic bill	Total Dollars Billed on electronic bill

BI-3-04 % CLEC Billing Claims Acknowledged within two (2) Business Days

Calculation	Numerator	Denominator
	Number of billing adjustment claims received during the month that are acknowledged within two business days after receipt.	Total number of billing adjustment claims received during the month.

BI-3-05 % CLEC Billing Claims Resolved within 28 Calendar Days After Acknowledgement

Calculation	Numerator	Denominator

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	Number of billing adjustment claims resolved during the month where the resolution was due in the report month that are resolved within 28 calendar days after acknowledgement.	Total number of billing adjustment claims where the resolution was due during the month.

BI-3-07	**% Full or Partial Denials**	
Calculation	**Numerator**	**Denominator**
	Number of claims for which the Verizon resolution is a full or partial denial in a month.	Total number of current month resolved claims.
BI-3-08	**% CLEC Billing Claim Credits Not Appearing on the Bill within 45 days**	
Calculation	**Numerator**	**Denominator**
	Number of resolved billing claims where the credit has not appeared on an invoice in 45 or less days from the resolution date.	Total number of resolved billing claims where a credit is granted in 45 days or less.

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Function:		
BI – 4 DUF Accuracy (Applicable to NJ Only)		
Definition:		
This measure captures the accuracy of the usage records transmitted from Verizon to the CLEC on the Daily Usage Feed ("DUF"). The measure is derived by dividing the number of usage records delivered in the reporting period that had complete information content and proper formatting by the total number of usage records delivered in the reporting period. The CLEC must report to Verizon within thirty (30) days after receipt usage records that do not have complete information content or proper formatting. In order to allow CLECs thirty (30) days to report DUF errors, the measurement for a reporting period will be reported and used for Performance Standards purposes on a one-month delayed basis (e.g., the measurement for the January reporting period will be included with measurements for February that are reported in March).		
Exclusions:		
For Metric BI-4-01, any usage record with incomplete information content or improper formatting that is not reported to Verizon by CLEC within thirty (30) days after CLEC receipt of the usage record.		
Performance Standard:		
Metric BI-4-01: 95%		
Report Dimensions:		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Sub-Metrics		
BI-4-01 % Usage Accuracy		
Calculation	**Numerator**	**Denominator**
	Number of usage records delivered in the reporting period that had complete information content and proper formatting	Total number of usage records delivered in the reporting period

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Function:
BI – 5 Accuracy of Mechanized Bill Feed (Applicable to NJ Only)
Definition:
This measure captures the accuracy of the mechanized bill feed for CRIS bills. The measure is derived by dividing the total number of mechanized bill feed files delivered in the reporting period that had complete information content and proper formatting by the total number of files delivered in the reporting period. The CLEC must report to Verizon within thirty (30) days after receipt mechanized bill feed files that do not have complete information content or proper formatting. In order to allow CLECs thirty (30) days to report mechanized bill feed errors, the measurement for a reporting period will be reported and used for Performance Standards purposes on a one-month delayed basis (e.g., the measurement for the January reporting period will be included with measurements for February that are reported in March).
Exclusions:
Any file with incomplete information content or improper formatting not reported to Verizon by CLEC within thirty (30) days after CLEC receipt of the file.
Performance Standard:
95%
Report Dimensions:

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics		
BI-5-01 % Accuracy of Mechanized Bill Feed		
Calculation	**Numerator**	**Denominator**
	Total number of files delivered in the reporting period that had complete information content and proper formatting	Total number of files delivered in the reporting period

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Function:

BI – 6 Completeness of Usage Charges (Applicable to NJ & PA Only)

Definition:

This measure captures the completeness of VZ usage charges and VZ usage billing errors that are itemized by date on the carrier bill. It is derived by dividing the count of date itemized usage charges on the bill that were recorded during the last two billing cycles by the total count of date itemized usage charges that appear on the bill.

For VZ Retail, VZ may elect to perform this measurement by using a statistically valid sampling methodology.

The BI-6-01 metric is applicable to both NJ and PA. The BI-6-02 metric is applicable to PA only.

Exclusions:

Metric BI-6-02: A usage charge that accrued prior to the last two billing cycles and whose billing was delayed because of an order activity post completion discrepancy.

Formula:

[(Usage charges shown on the bill that were recorded during the last two billing cycles) / (Total usage charges shown on the bill)] x 100

Performance Standard:

BI-6-01:
NJ: Parity with VZ Retail
PA: No standard

BI-6-02: Parity with VZ Retail.

Report Dimensions:

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• BI-6-01: State Specific • BI-6-02: PA: State Specific

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Sub-Metrics

BI-6-01 % Completeness of Usage Charges – Including Order Activity Post Completion Discrepancy Delayed Charges

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Calculation	Numerator	Denominator
	Usage charges shown on the bill that were recorded during the last two billing cycles	Total usage charges shown on the bill

BI-6-02 % Completeness of Usage Charges – Excluding Order Activity Post Completion Discrepancy Delayed Charges * applicable to PA only*

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Calculation	Numerator	Denominator
	Usage charges shown on the bill that were recorded during the last two billing cycles	Total usage charges shown on the bill

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Function:
BI – 7 Completeness of Fractional Recurring Charges (Applicable to NJ & PA Only)
Definition:
This measure captures the completeness of VZ fractional recurring charges shown on the carrier bill. The measure is derived by dividing the fractional recurring charges shown on the bill that accrued in the last two billing cycles by the total fractional recurring charges shown on the bill. A "fractional recurring charge" is a recurring charge for a service that was subscribed to by a CLEC for only a portion of a billing cycle (e.g., the monthly recurring charge for a service that was installed or terminated on 15th day of a 30 day bill cycle). For VZ Retail, VZ may elect to perform this measurement by using a statistically valid sampling methodology. The BI-7-01 metric is applicable to both NJ and PA. The BI-7-02 metric is applicable to PA only.
Exclusions:
Metric BI-7-02: A fractional recurring charge that accrued prior to the last two billing cycles and whose billing was delayed because of an order activity post completion discrepancy.
Formula:
[(Fractional recurring charges shown on the bill that accrued in the last two billing cycles) / (Total fractional recurring charges shown on the bill)] x 100
Performance Standard:
BI-7-01: NJ: Parity with VZ Retail PA: No standard. **BI-7-02:** Parity with VZ Retail.
Report Dimensions:

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• BI-7-01: State Specific • BI-7-02: PA: State Specific

Sub-Metrics

BI-7-01 % Completeness of Fractional Recurring Charges – Including Order Activity Post Completion Discrepancy Delayed Charges

Calculation	Numerator	Denominator
	Fractional recurring charges shown on the bill that accrued in the last two billing cycles	Total fractional recurring charges shown on the bill

BI-7-02 % Completeness of Fractional Recurring Charges – Excluding Order Activity Post Completion Discrepancy Delayed Charges *metric is applicable to PA only*

Calculation	Numerator	Denominator
	Fractional recurring charges shown on the bill that accrued in the last two billing cycles	Total fractional recurring charges shown on the bill

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Function:		
BI – 8 Non-Recurring Charge Completeness (Applicable to NJ & PA Only)		
Definition:		
This measure captures the completeness of VZ non-recurring charges shown on the carrier bill. The measure is derived by dividing the non-recurring charges shown on the bill that accrued in the last two billing cycles by the total non-recurring charges shown on the bill. For VZ Retail, VZ may elect to perform this measurement by using a statistically valid sampling methodology. The BI-8-01 metric is applicable to both NJ and PA. The BI-8-02 metric is applicable to PA only.		
Exclusions:		
Metric BI-8-02: A non-recurring charge that accrued prior to the last two billing cycles and whose billing was delayed because of an order activity post completion discrepancy.		
Formula:		
[(Non-recurring charges shown on the bill that accrued in the last two billing cycles) / (Total non-recurring charges shown on the bill)] x 100		
Performance Standard:		
BI-8-01: NJ: Parity with VZ Retail PA: No standard. **BI-8-02:** Parity with VZ Retail.		
Report Dimensions:		
Company: • CLEC Aggregate • CLEC Specific	Geography: • BI-8-01: State Specific • BI-8-02: PA: State Specific	
Sub-Metrics		
BI-8-01 % Completeness of Non-Recurring Charges – Including Order Activity Post Completion Discrepancy Delayed Charges		
Calculation	**Numerator**	**Denominator**
	Non-recurring charges shown on the bill that accrued in the last two billing cycles	Total non-recurring charges shown on the bill
BI-8-02	**% Completeness of Non-Recurring Charges – Excluding Order Activity Post Completion Discrepancy Delayed Charges *Applicable to PA only***	
Calculation	**Numerator**	**Denominator**
	Non-recurring charges shown on the bill that accrued in the last two billing cycles	Total non-recurring charges shown on the bill

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Section 7

Operator Services & Directory Assistance

(OD)

	Function	Number of Sub-metrics
OD-1	Operator Services/Directory Assistance – Speed of Answer	2
OD-2	LIDB, Routing and OS/DA Platforms	0
OD-3	DA Database Update Accuracy* (*Applicable to NJ Only)	1

Operator Services and Databases (OD)

Function:	
OD-1 Operator Services/Directory Assistance – Speed of Answer	
Performance Standard:	
Standard: Average Speed of Answer provided at parity with Verizon retail.	
Exclusions:	
• None	
Report Dimensions	
For metric OD-1-01 Operator Services – Speed of Answer Company: • State Specific Retail/Resale combined • State Specific CLEC (facility based and UNE-P) For metric OD-1-02 Directory Assistance – Speed of Answer • State Specific Retail/Resale combined State or regional Specific Operator Service Centers[27]	Geography: • State Specific

Sub-Metrics		
OD-1-01 Average Speed of Answer – Operator Services		
Calculation	**Numerator**	**Denominator**
	Sum of call answer time from the time the calls enter the queue for an operator to the time the calls are answered by an operator.	Number of Calls Answered.
OD-1-02 Average Speed of Answer – Directory Assistance		
Calculation	**Numerator**	**Denominator**
	Sum of call answer time from the time the calls enter the queue for an operator to the time the calls are answered by an operator.	Number of Calls Answered.

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[27] If no NY CLEC traffic is handled by these centers, the data will not be reported.

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Function:
OD-2 LIDB, Routing and OS/DA Platforms
Performance Standard:
LIDB: • LIDB reply rate to all query attempts: Bellcore produced standard • LIDB query time out: Bellcore produced standard • Unexpected data values in replies for all LIDB queries: 2% • Group troubles in all LIDB queries Delivery to OS Platform: 2% 800 Database: Bellcore produced standard AIN: Bellcore produced standard
Metrics Not Reported:
Verizon does not have the capability to report this performance area.

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Function:
OD-3 DA Database Update Accuracy (Applicable to NJ only)
Definition:
Directory Assistance. For Directory Assistance updates completed during the reporting period, the update order that the CLEC sent to Verizon is compared to the Directory Assistance database following completion of the update by Verizon. An update is "completed without error" if the Directory Assistance database accurately reflects the new listing, listing deletion or listing modification, submitted by the CLEC.
Methodology:
This measurement will be performed using statistically valid samples.
Exclusions:
• None.
Performance Standard:
OD-3-01: Parity with Verizon Retail.
Report Dimensions:

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

Sub-Metrics		
OD-3-01 % Directory Assistance Update Accuracy – Including Service Order (Order Activity Post Completion Discrepancy) Errors		
Calculation	**Numerator**	**Denominator**
	Number of updates completed without error	Total number of updates.

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Section 8

General and Miscellaneous Standards

(GE)

	Function	Number of Sub-metrics
GE-1	Directory Listing Verification Reports* (*Applicable to NJ Only)	1
GE-2	Poles, Ducts, Conduit and Rights of Way* (*Applicable to NJ Only)	1
GE-3	Bona Fide Request Responses* (*Applicable to NJ Only)	1
GE-4	Directory Listing Verification Reports* (*Applicable to PA Only)	5
	Timely and Accurate Provisioning of White Page Directory Listings LSRs and DSRs* (*Applicable to PA Only)	
GE-5		2

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General (GE)

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VZ does not provide directory proofs to CLECs. VZ provides Listing Verifications Report 90 days before close out date and provides a Directory Listings view of Listings through the Web-GUI. All business rules are documented in the CLEC and Reseller Handbook. ¶

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Function:

GE-1 Directory Listing Verification Reports (Applicable to NJ Only)

Definition:

This metric measures the percentage of directory listing verification reports transmitted on or before the due date. For the purposes of this metric, the due date for a directory listing verification report will be deemed to be the date 30 business days prior to the close out date for the directory. The process for obtaining listing verification reports is documented in Verizon's CLEC and Reseller Handbooks.

Exclusions:

- Reports that the CLEC has requested be transmitted less than 30 business days prior to the close out date for the directory.

Performance Standard:

95% of directory listing verification reports transmitted on or before the due date.

Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

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Sub-Metrics

GE-1-01 % of Directory Listing Verification Reports Furnished On-Time

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Calculation	Numerator	Denominator
	Number of directory listing verification reports due in the reporting period that are transmitted on or before the due date.	Total number of directory listing verification reports due in the reporting period.

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Function:

GE-2 Poles, Ducts, Conduit and Rights of Way (Applicable to NJ Only)

Definition:

This metric measures the percentage of requests for access to Verizon poles, ducts, conduit and rights of way, for which a response stating whether access will be granted is transmitted on or before the due date. For the purposes of this metric, the due date for a response to a request for access will be deemed to be the date 45 days after Verizon's receipt of a complete and accurate request for access.

Exclusions:

- Requests for access where the requesting party has agreed to receive a response to the request more than 45 days after Verizon's receipt of the request.
- Delays in Verizon's response to the request caused by the CLEC (including, but not limited to, a failure by the CLEC to submit a reasonably complete and accurate request [application] for access, a failure by the CLEC to timely provide information needed to process its request for access, and changes in the CLEC's request for access).

Performance Standard:

95% of responses transmitted on or before the due date.

Report Dimensions

Company:	Geography:
• CLEC Aggregate • CLEC Specific	• State Specific

Sub-Metrics

GE-2-01 % of Access Request Responses Transmitted On-Time

Calculation	Numerator	Denominator
	Number of access request responses due in the reporting period that are transmitted on or before the due date.	Total number of access request responses due in the reporting period.

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Verizon New York has specific performance guidelines contained in its pole attachment and conduit license agreements that are consistent with applicable Federal and State requirements. Verizon New York will respond to requests for its engineering records information, and requests for access to its carrying plant in accordance with Verizon's specific performance guidelines. ¶

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Function:		
GE-3 Bona Fide Request Responses (Applicable to NJ Only)		
Definition:		
This metric measures the percentage of bona fide requests ("BFRs") for access to UNEs, for which a response stating whether the requested access will be offered is transmitted on or before the due date. For the purposes of this metric, the due date for a response to a request for access will be deemed to be the due date specified in the CLEC's interconnection agreement with Verizon or such later date as may have been agreed to by the CLEC and Verizon.		
Exclusions:		
• None		
Performance Standard:		
No standard.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Sub-Metrics		
GE-3-01	**% of BFR Responses Furnished On-Time**	
Calculation	**Numerator**	**Denominator**
	Number of BFR access request responses due in the reporting period that are transmitted on or before the due date.	Total number of BFR access request responses due in the reporting period.

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Function:

GE-4 Directory Listing Verification Reports (Applicable to PA Only)

Definition:

This metric measures the timeliness and accuracy of directory listing verification reports ("DLVR"), and corrections to the electronically transmitted DLVR that CLECs submit to correct errors in the DLVR. For the purposes of this metric, the due date for a directory listing verification report will be deemed to be the date 30 business days prior to the close out date for the directory. The due date for CLEC submissions of corrections is 15 calendar days prior to the close out date for the directory. The due date for Verizon's corrected DLVR to CLECs is 10 calendar days prior to the close out date for the directory. The process for obtaining listing verification reports is documented in VZ's CLEC and Reseller Handbooks, as supplemented by this performance metric.

This metric also measures the completeness and accuracy of the listings contained in Verizon's White Pages Directories.

Error means any omission of a directory listing for which the CLEC requested the inclusion of the listing in the directory; the inclusion of a directory listing for which the CLEC requested the exclusion of the listing in the directory; incorrect telephone number; incorrect address; incorrect name.

"Incorrect" means any deviation from the listing information contained in the LSR or DSR.

GE-4-01 will examine a statistically valid random sample of each individual CLEC's white pages listings contained in each DLVR to determine whether those listings were provisioned accurately in accordance with the CLEC's DSR/LSR. For LSR/DSR orders that select the "retain as is" or "ERL" field, Verizon PA must examine the listing information contained in the database prior to processing the CLEC order and subsequent to processing the CLEC order, to determine whether the CLEC order was provisioned accurately.

Notes:

GE-4 was originally numbered as GE-1 in the Pennsylvania C2C Guidelines

GE-4 is a tracking metric for a trial period after which it will be evaluated to determine if it captures both the appropriate performance and measures it meaningfully.

Exclusions:

- Reports that the CLEC has requested be transmitted less than 30 business days prior to the close out date for the directory.
- GE-4-02 Directory Listings that were provisioned accurately in accordance with the original DSR or LSR.

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Performance Standard:

- GE-4-01 95% of DLVRs transmitted on or before the due date.
- GE-4-02 98% accuracy of DLVRs
- GE-4-03 98% of DLVR revisions transmitted on or before the due date
- GE-4-04 98% accuracy on DLVRs revisions
- GE-4-05 99% accuracy of White Page Listings

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Report Dimensions:		
Company: • CLEC Aggregate • CLEC Specific		Geography: • State Specific
Products	• All	
Sub-Metrics – GE-4 Directory Listing Verification Reports		
GE-4-01	**% of Directory Listing Verification Reports Furnished On-Time**	
Calculation	**Numerator**	**Denominator**
	Number of DLVRs due in the reporting period that are transmitted on or before the due date.	Total number of DLVRs due in the reporting period.
GE-4-02	**% Accuracy of DSR/LSR Inclusion in DLVRs**	
Calculation	**Numerator**	**Denominator**
	Number of CLEC specific listings included in the random sample of listings contained in each DLVR transmitted within the reporting period or the prior reporting period for which the due date for the submissions of DLVRs is within the reporting period, that were provisioned accurately in accordance with the original DSR/LSR.	Total Number of sampled CLEC specific listings.
GE-4-03	**% DLVR Corrections Furnished on Time**	
Calculation	**Numerator**	**Denominator**
	Number of DLVR revisions in the reporting period that are transmitted on or before the due date to the CLEC	Total number of DLVRs revisions due in the reporting period provided to Verizon by CLEC
GE-4-04	**% Accuracy of DLVR Corrections**	
Calculation	**Numerator**	**Denominator**
	Number of DLVR corrections for which no further CLEC request for correction is submitted within the reporting month.	Total number of DLVR corrections transmitted during the reporting month.
GE-4-05	**White Pages Errors and Omissions**	
Calculation	**Numerator**	**Denominator**
	Number of Lines of White Pages Errors in White Pages Directories previously identified in LVR on a per CLEC per Directory basis.	Total number of CLEC White pages listing lines in White pages directories appearing in an LVR for each directory on a per CLEC, per directory basis.

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Function:		
GE-5 Timely and Accurate Provisioning of White Page Directory Listings LSRs and DSRs (Applicable to PA Only)		
Definition:		
Measurement of the timely and accurate provisioning of LSR and DSR Orders that result in the update of the directory assistance database and the database used for the publication of the directory white pages. The measurement is based on a statistically valid sampling of all LSR and DSR orders for each CLEC individually, performed monthly, to determine that the order was timely and accurately provisioned. Verizon and CLECs must mutually agree on the random sampling methodology. **Notes:** GE-5 was originally numbered as GE-3 in the Pennsylvania C2C Guidelines GE-5 is a tracking metric for a trial period after which it will be evaluated to determine if it captures both the appropriate performance and measures it meaningfully.		
Exclusions:		
• VZ Test Orders • Orders submitted by a means other than EDI or WEB GUI (e.g. faxed or mailed orders), unless EDI or GUI is unavailable		
Performance Standard:		
Metric GE-5-01: 95% on time Metric GE-5-02: 98% of orders provisioned accurately.		
Report Dimensions		
Company: • CLEC Aggregate • CLEC Specific	Geography: • State Specific	
Sub-Metrics		
GE-5-01	**Completion on Time**	
Products	ALL	
Calculation	**Numerator**	**Denominator**
	Number of orders processed for update to the directory assistance/white page listing database on time	Number of orders pulled for random sample on a per CLEC basis in a single month.
GE-5-02	**Accuracy of Processing**	
Products	ALL	
Calculation	**Numerator**	**Denominator**
	Number of lines in sample for each CLEC without errors when compared with the CLEC DSR/LSR	Number of orders pulled for random sample on a per CLEC basis in a single month.

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Glossary

Application Date	The date that a valid order is received.
ASR	Access Service Request
VZ Administrative Orders	Orders completed by VZ for administrative purposes and NOT at the request of a CLEC or end user. These also include administrative orders for VZ official lines and LIDT (Left in Dial Tone).
Basic Edits	Front-end edits performed by Request Manager prior to order submission. Basic Edits performed against Request Manager provided source data include the following validations: State Code must equal NY, CT, MA, ME, NH, VT, RI, PA, DE, NJ, MD, DC, VA, WV; CLEC Id can not be blank; All dates and times must be numeric; Order Type must be '1','2','3','4'; Svc Order Type must be '0', '1' '2'; Flowthru Candidate Ind and Flowthru Indicator must be 'Y' or 'N'; Lines Number must be numeric; Service Order Classification must be '0' or '1'; Confirmation Method must be 'E', 'M' 'W'; Each submission must have a unique key (PON + Ver + CLEC Id + State); Confirmation, Reject and Completion Transactions must have matching Submission record. Any changes to basic edits will be provided via VZ Change Control procedures. Orders which failed edits have a reject date and a reject source type.
Collocation Milestones	Refer to the state tariff for specific collocation intervals. In Physical Collocation, the CLEC and VZ control various interim milestones they must meet to meet the overall intervals. The interval clock will stop, and the final due date will be adjusted accordingly, for each milestone the CLEC misses (day for day). Prior to the CLEC beginning the installation of its equipment, the CLEC must sign the VZ work completion notice, indicating acceptance of the multiplexing node construction work and providing VZ with a security fee, if required, as set forth in Section 5.5.5. Payment is due within 30 days of bill date. The CLEC may not install any equipment of facilities in the multiplexing node(s) until after the receipt by VZ of the VZ work completion notice and any applicable security fee. In Virtual Collocation, VZ and the CLEC shall work cooperatively to jointly plan the implementation milestones. VZ and the CLEC shall work cooperatively in meeting those milestones and deliverables as determined during the joint planning process. A preliminary schedule will be developed outlining major milestones including anticipated delivery dates for the CLEC-provided transmission equipment and for training.

Change Management Notices	Change Management Notices are notices sent to the CLECs to notify CLECs of scheduled interface-affecting changes.
Interconnection Trunks (CLEC) Requests	< = 192 Forecasted Trunks are CLEC requests for 192 trunks or less that are forecasted by the CLEC and are not projects. > 192 and Unforecasted Trunks are CLEC requests that are for greater than 192 trunks, or are not forecasted by the CLEC, or are projects.
Common Final Trunk Blockage:	Common final trunks carry traffic between VZ end offices and the VZ access tandem, including local traffic to VZ customers as well as CLEC customers. (In rare circumstances, it is possible to have a common final trunk group between two end offices.) The percentage of VZ common final trunk groups carrying local traffic, exceeding the applicable blocking design standard (either B.01 or B.005) will be reported. All CLEC trunks are engineered at the B.005 level. In all but the Washington Metropolitan area, local common trunks are engineered at the B.005 level. In the Washington Metropolitan area, common trunks are engineered at the B.01 level.
Common Trunks:	**High Usage Trunks** carry two-way local traffic between two VZ end offices. High Usage Common Trunks are designed so that traffic will overflow to final trunk groups. Local trunks are designed such that no more than 0.5% (B.005 standard) of traffic will overflow during the busy hour in all Verizon New York geographies. **Final Trunks**: (All Verizon except New York LATA) Final Trunks carry two-way local and long distance IXC traffic between an end office and an access tandem switch. Common Final Trunks are designed so that no more than 0.5% (B.005 standard) of traffic will block during the busy hour. **Final Trunks – Local** (NY LATA 132) Final Trunks carry local two-way traffic between an end office and an access tandem switch. Common Final Trunks are designed so that no more than 0.5% (B.005 standard) of traffic will block during the busy hour. **Final Trunks – IXC** (NY LATA 132 and Washington Metropolitan Calling Area) Final Trunks carry long distance IXC two-way traffic between an end office and an access tandem switch. Common Final Trunks are designed so that no more than 0.5% (B.005 standard) of traffic will block during the busy hour.
Company Initiated Orders	Provisioning orders processed for administrative purposes and not at customer request.
Company Services	Official Verizon Lines
Completion Date	The date noted on the service order as the date that all physical work is completed as ordered.
Coordinated Cut over	A coordinated cut-over is the live manual transfer of a VZ end user to a CLEC completed with manual coordination by VZ and CLEC technicians to minimize disruptions for the end user customer. Also known as a Hot Cut. These all have fixed minimum intervals.
CPE	Customer Premises Equipment.
Cut-Over Window	Amount of time from start to completion of physical cut-over of lines: One (1) to nine (9) lines: one (1) hour 10 to 49 lines: two (2) hours 50 to 99 lines: three (3) hours 100 to 199 lines: four (4) hours 200 plus lines: eight (8) hours

Dedicated Final Trunks Blockage:	A dedicated final trunk group does not overflow. Dedicated final trunk groups carry local traffic from a VZ Access Tandem to a CLEC switch. All dedicated final trunk groups to the CLECs are engineered at a design-blocking threshold of B.005.
Dedicated Trunks	**High Usage Trunks – CLEC Interconnection**: carry one-way traffic from a CLEC end office to a Verizon Tandem Office **or** carry two-way local traffic between a Verizon end-office and a CLEC end-office. High Usage Common Trunks are designed so that traffic will overflow to final trunk groups. Local trunks are designed such that no more than 0.5% (B.005 standard) of traffic will overflow during the busy hour in all Verizon geographies. These trunks are ordered by the CLEC. **Final Trunks – CLEC Interconnection**: carry one-way traffic from a CLEC end-office to a Verizon Tandem Office **or** carry two-way traffic between an end-office and a tandem switch. CLECs order these trunks from VZ and engineer to their desired blocking design threshold. **High Usage Trunks – VZ to CLEC Interconnection**: carry one-way local traffic from a Verizon end-office to a CLEC end-office. High Usage Common Trunks are designed so that traffic will overflow to final trunk groups. Local trunks are designed such that no more than 0.5% (B.005 standard) of traffic will overflow during the busy hour in all Verizon geographies. VZ orders these trunks from CLECs. **Final Trunks – VZ to CLEC Interconnection**: carry one-way traffic from a VZ end office or a tandem switch. Final Trunks are designed so that no more than 0.5% (B.005 standard) of traffic will block during the busy hour in all Verizon geographies. VZ orders these trunks from CLECs. **High Usage Trunks – IXC Feature Group D**: carry two-way traffic between a Verizon end-office and an IXC POP. High Usage Trunks are designed so that traffic will overflow to final trunk groups. IXC trunks are designed such that no more than 0.5% (B.005 standard) of traffic will overflow during the busy hour in all Verizon geographies. IXCs order these trunks from VZ. **Final Trunks – IXC Feature Group D:** carry two-way traffic between and end-office and a tandem switch. Common Final Trunks are designed so that no more than 0.5% (B.005 standard) of traffic will block during the busy hour in all Verizon geographies. IXCs order these trunks from VZ.
Dispatched Orders:	An order requiring dispatch of a Verizon Field technician outside of a Verizon Central Office. Intervals differ by line size. In all areas, for orders greater than or equal to 10 lines, a facility check is required and the interval negotiated. In many, but not all areas, a facility records check (in Engineering) is also performed for orders with six (6) to nine (9) lines.
Dispatched Troubles:	Loop or Drop Wire Troubles reports found to be in drop wire or outside plant. Disposition codes 03 or 04.
Disposition Codes	The code assigned by the Field Technician upon closure of trouble. This code identifies the plant type/location in the network where the trouble was found.
DUF	Daily Usage Feed:
FOC	Firm Order Confirmation.

Front End Close-Out	A trouble report closed with the customer on the line usually within 10 minutes of receiving the trouble from the customer. These include cancellations by the customer or CLEC. Disposition Codes are set forth in the CLEC Handbook, Vol. III Section 8.7.. As documented on URL: http://www22.verizon.com/wholesale/clecsupport/content/1,16835,East%20east-wholesale-customer_docs-verizon_east_cust_docs,00.html.
Line Sharing	Line Sharing allows a separate high-speed data channel on an existing copper pair to be made available to the CLEC. This single line (a shared loop), with the use of a splitter, simultaneously supports two different service providers, one for analog voice-grade POTS service and one for data communications. In order for a loop to be eligible for a Line Share Arrangement, the analog voice-grade POTS service must be provided to the end user by Verizon and the dial tone must originate from a Verizon End Office Switch in the wire center where the Line Share Arrangement is being requested, and the xDSL technology deployed by the CLEC does not interfere with the analog voice band transmission. Line Sharing is only available where Verizon provides the voice service and where the DLEC provides the data service. The DLEC is responsible for providing the splitter and is responsible for providing their own DSLAM equipment in a collocation arrangement and any necessary CPE for the data service provided.
Line Splitting	Line Splitting is the ability of one or more CLECs to provide both voice and data over the same unbundled analog copper cable pair (loop) facility in order to offer an integrated voice and data service to the same CLEC end user customer with each provider employing different analog frequencies to transport voice and data on that line. Line splitting consists of an xDSL-based service provisioned by a data CLEC (DLEC) and the voice band service provisioned by a voice CLEC (VLEC). Each CLEC provider merely employs different analog frequencies for transporting voice and data on the line. In some cases, the VLEC and DLEC may be the same entity. However, one of the providers must be collocated. A Line Splitting arrangement requires a continuous copper path from the CLEC-provided DSLAM through the splitter and out to the end user's premise. Additionally, the CLEC is required to pre-qualify the subscriber loop to be used by accessing loop make-up data through a pre-qualification system. In some cases, the CLEC may be required to order line conditioning in order for their DSL service to function properly.
2-Wire Digital	This service provides a digital 2-Wire enhanced channel. It is equivalent to a 2-wire loop less than 18,000 feet from the NID at the end user's premises to the main distributing frame (which is connected to the CLEC's collocation arrangement in the Verizon Central Office in which the end user is served. The 2-Wire Digital – ISDN BRI Loop is only available to the CLEC for use in conjunction with the provision of local exchange service and exchange access to its end users.

Loop Qualification	Loop qualification is the manual step whereby it is determined if the loop facility meets or can be made to meet specifications necessary for 2-Wire Digital or xDSL services.
LSR	Local Service Request
LSRC	Local Service Request Confirmation
Mechanized Flow-Through:	Orders received electronically through the ordering interface (Request Manager) and requiring no manual intervention to be entered into the SOP.
Negotiated Intervals	A process whereby Verizon and the CLEC discuss and come to a mutual agreement on a delivery date of requested services. This agreement should be based on customer, CLEC and Verizon requirements; including but not limited to equipment, facility and work resources required for completing the requested services. Both the CLEC and Verizon should be able to explain the requirements and positions for the discussion.
Network Troubles	Troubles with a disposition code of 03 (Drop Wire), 04 (Loop), or 05 (Central Office) or trouble codes of CO (Central Office), FAC (Facility), or STN (Station). Excludes Subsequent reports (additional customer calls while the trouble is pending), Customer Premises Equipment (CPE) troubles, troubles reported but not found on dispatch (Found OK and Test OK), and troubles closed due to customer action.
Non-Mechanized:	Orders that require some manual processing. Includes orders received electronically that are not processed directly into the legacy provisioning systems, and are manually entered by a VZ representative into the VZ Service Order Processor (SOP) system. For orders not received electronically (such as faxed or courier orders), 24 hours are added to all intervals.
No-Dispatch Troubles:	Troubles reports found to be in the Central Office, including frame wiring and translation troubles. Disposition Codes 05.
No-Dispatch Orders:	Orders completed without a dispatch outside a Verizon Central Office. Includes orders with translation changes and dispatches inside a Verizon Central Office.
Orders with ≥ six (6) lines:	In all geographic areas, a facility check is completed on orders greater than or equal to six (6) lines.
OSS	Operations Support Systems
Parsed CSR	The Parsed CSR transaction returns fielded Customer Service Record data to the customer when the PARSEIND field = **Y** on the inquiry. The parsed CSR transaction enables CLECs to populate their ordering template. This transaction is available on EDI and CORBA. The Verizon Parsed CRS transaction supports POTS accounts, it currently does not support complex accounts including ISDN and Centrex.
POTS Total (Business/Residence)	Plain Old Telephone Services (POTS) include all non-designed lines/circuits that originate at a customer's premise and terminate on an OE (switch Office Equipment). POTS include Centrex, and PBX trunks.
POTS – Total (All)	POTS Services All includes Business (simple), Residence (simple) plus ISDN BRI (complex).
UNE POTS Total	This product group includes UNE POTS Loop and UNE POTS Platform, and excludes UNE Hot Cut Loops.
PON	Purchase Order Number: Unique purchase order provided by CLEC to VZ placed on LSRC or ASR as an identifier of a unique order.

Projects	Projects are designated by CLECs. For Trunks, any request for a new trunk group, augment for more than 384 trunks, complex (E911 or DA) or request out of the ordinary requiring special coordination, such as rearrangements is considered a project. For Special Services ordered via ASRs the following is considered a project: UNE IOF Projects – New connects: The A or Z end of the circuit must be at the same location, and the number of circuits for DS1 is eight (8) or more circuits, and for DS3 is eight (8) or more circuits. UNE Loop Projects – New connects: The A or Z end of the circuit must be at the same location, and the number of circuits to qualify for a project are : for DS1 = 10 or more circuits, for DS3 10 or more circuits. Coordinated Conversions (when one CLEC assumes another CLECs circuits due to bankruptcy, takeovers or mergers): For additional information on Special Services projects, refer to the CLEC Handbook.
Reject	An order is rejected when there are omissions or errors in required information. Rejects also include queries where notification is provided to a CLEC for clarification on submitted orders. The order is considered rejected and order processing is suspended while a request is returned or queried.
Run Clock	A measure of duration time where no time is excluded. Duration time is calculated comparing the date and time that a trouble is cleared to the date and time that the trouble was reported.
Segment	Segments are parts of whole orders. [NVL SEGMENT, 0=<1] A segment is used to apportion a longer order to meet limitations of record lengths. Similar to a separate page or section on the same order. Applicable to Verizon North only.
SOP	Service Order Processor
Special Services	Special Services are services that require engineering design intervention. These services include (but are not limited to) such services as: high capacity services (DS1 or DS3, primary rate ISDN, 4-Wire xDSL services, digital services, and private lines or foreign served services (a line physically in one exchange, served by another through a circuit). Excludes access service (access services are defined as those purchased under the state or federal access tariff by a wholesale/carrier customer). For Retail, any service or element involving circuit design purchased by a Verizon retail customer, regardless of state or federal access tariff. Excludes trunks. IOF and EEL are separately reported for provisioning.
Stop Clock	A measure of duration time where some time is excluded. The clock is stopped when testing is occurring, VZ is awaiting carrier acceptance, or VZ is denied access.
Suspend/Restore Orders	Orders completed by VZ to suspend for non-payment or restore for payment [SNPRES_IND.IS NOT NULL]
Test Orders	Orders processed for “fictional” CLECs for VZ to test new services, attestation of services etc.
TGSR	Trunk Group Service Request. A request that CLECs submit to Verizon to request augmentation to the Verizon network to accommodate an increase in CLEC volume.

Two wire digital ISDN Loop	2-Wire unbundled digital loop (previously called 2-Wire Digital Loop) that is compatible with ISDN basic Rate service. It is capable of supporting simultaneous transmission of two (2) B channels and One (1) D channel. It must be provided on non-loaded facilities with less than 1300 OHMs of resistance and not more than 6 kft of bridge tap. This service provides a digital 2-Wire enhanced channel. It is equivalent to a 2-Wire loop less than 18,000 feet from the NID at the end user's premises to the main distributing frame (which is connected to the CLEC's collocation arrangement), in Verizon's Central Office where the end user is served. The 2-Wire Digital – ISDN BRI loop, currently offered by Verizon, is designed to support the Integrated Services Digital Network (ISDN) Basic Rate Service which operates digital signals at 160 kilobytes per second (kbps). The 2-Wire Digital – ISDN BRI loop is only available to the CLEC for use in conjunction with the provision of local exchange service and exchange access to its end-users.
VADI/DSNO	Verizon Affiliate Data Incorporated (VADI) aka Data Services Network Operations (DSNO) is either the separate data affiliate or the office or division within Verizon that provides retail xDSL services.

Product identification descriptions:

Retail	Major Customer Name/Number entered on Provisioning order first four (4) characters does not contain the values "RSID" which indicates resold or "AECN" which indicates unbundled.
Resale	Major Customer Name/Number entered on Provisioning order-first four (4) characters does contain the value "RSID" the 6th through 10th indicate reseller id. RSID except test and training RSID orders Ordering: ORDER-TYPE of ORDERING-MASTER-REC = ' 1'
UNE	Major Customer Name/Number entered on provisioning order- first four (4) characters contains the values "AECN" which indicates unbundled. Characters 6 through 10 indicate the Telecommunications carrier id. Ordering: ORDER-TYPE of ORDERING-MASTER-REC = '2' or '3'
POTS - Total	Two-wire analog service with a telephone number and POTS class of service. Includes analog loop (SVGAL). Ordering: • Service order classification of ordering master rec = 0 Provisioning: • Pots Orders are defined as not having a circuit layout or are not for ISDN service Maintenance: • Class Service = 04/05/06/07/08/09/10/13/19/20/21
Complex:	Provisioning: • ISDN Basic Rate: Service Code Modifier (SCM) begins with IB • 2-Wire Digital Services • 2-Wire xDSL Services
Special Services	Refer to Appendix A for definition of Special Services.
For Trunks:	For Maintenance: Criteria for inclusion is Circuit format (cfmt) is 'M' as defined by Bellcore standard, report category (rpt_cat) is "CR" indicating a Customer Reported trouble, trouble code (trbl_cd) is either "FAC" or "CO" indicating the trouble was found in the Facility-cable (from Central Office to customers location) or in the Central Office (the trouble was found within the Verizon Central Office), Maintenance Center (MCTR) is not training or blank which excludes troubles entered for employee training purposes, Subsequent calls on the same trouble are not included in these metrics.

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