NORTHERN NEW ENGLAND TELEPHONE OPERATIONS LLC

d/b/a

FairPoint Communications - NNE

(Services formerly offered by
Verizon New England Inc.)

Rates and Charges Effective In

THE STATE OF NEW HAMPSHIRE

NHPUC No. 84

**Northern New England Telephone Operations LLC
d/b/a FairPoint Communications - NNE
hereby adopts the rates, terms and conditions contained herein as
of April 1, 2008**

All references throughout this tariff to Verizon New England Inc. shall be read as
Northern New England Telephone Operations LLC
d/b/a FairPoint Communications - NNE.

Michael T. Skrivan

Issued: April 1, 2008
Effective: April 1, 2008

Michael T. Skrivan
Vice President - Regulatory

Authorized by NHPUC Order No. 24,823 in Docket No. DT 07-011, Dated February 25, 2008

1. Tariff Information and General Regulations 1
1.1. General 1
1.1.1. Concurring, Connecting and Other Participating Carriers 1
1.1.2. Tariff Structure 1
1.1.3. Page Revisions 1
1.1.3.C. Supplement Numbers 1
1.1.4. Tariff Codes 1
1.1.4.A.1. (C) 1
1.1.4.A.2. (D) 1
1.1.4.A.3. (I) 1
1.1.4.A.4. (N) 1
1.1.4.A.5. (R) 1
1.1.4.A.6. (S) 2
1.1.4.A.7. (T) 2
1.1.4.A.8. (X) 2
1.2. Referencing 3
1.2.1. Reference to Other Tariffs 3
1.2.2. Reference to Other Publications 3
1.2.3. Trademarks and Service Marks 3
1.2.4. Reference to Competitive Local Exchange Carriers (CLEC) and Telecommunications Carriers (TC) as Customers 3
1.2.4.A.1. Competitive Local Exchange Carrier 4
1.2.4.A.2. Telecommunications Carrier (TC) 4
1.3. Tariff Terminology 5
1.3.1. Abbreviations 5
1.3.2. Definitions 5
1.4. Application of Tariff 12
1.4.1. Scope 12
1.4.2. Options to Obtain Interconnection Services, Access to Unbundled Network Elements or Ancillary Telecommunications Services 12
1.4.3. Government Compliance 12.1
1.5. Use of Service 13
1.5.1. Scope 13
1.5.2. Lawful Use 13
1.5.3. Title or Ownership Rights 13
1.6. Responsibility of the Telephone Company 14
1.6.1. Scope 14
1.6.2. Liability 15
1.6.3. Collocation Liability and Indemnification 17
1.6.4. Provision of Service 17
1.6.5. Automatic Number Identification (ANI) 18
1.6.6. Discontinuance of Network Elements for Cause 18
1.6.7. Coordination with Respect to Network Contingencies and Network Management 19
1.7. Responsibility of the CLEC 20
1.7.1. Scope 20
1.7.2. Liability 21
1.7.3. Collocation Liability and Indemnification 22.2
1.7.4. Ownership of Facilities 23

1. Tariff Information and General Regulations
1.7.5. Equipment Space and Power 23
1.7.6. Availability for Testing and Inspection 24
1.7.7. Coordination with Respect to Network Contingencies 24
1.7.8. Signals 24
1.7.9. Balance 24
1.7.10. Design of CLEC Services 25
1.7.11. References to the Telephone Company 25
1.7.12. Reciprocal Arrangements 25
1.7.13. Relationships With Other Carriers 25
1.7.14. Signaling 26
1.7.15. Facility and Equipment Standards 26
1.7.16. Automatic Number Identification (ANI) 26
1.7.17. Alternate Billed Calls 26
1.8. Force Majeure 27
1.8.1. Reciprocal Responsibilities 27
1.9. Customer Notification and Coordination 28
1.9.1. Changes and Substitutions 28
1.9.2. Refusal and Discontinuance of Service 28
1.9.3. Interference or Impairment 29
1.9.4. Provision of Telephone Numbers 29.1
1.9.5. Network Information Disclosure 29.1
1.10. Confidential Information 30
1.10.1. General 30
1.10.2. Collocation 30.1
1.11. General Responsibilities of the Interconnecting Parties 31
1.11.1. Regulations 31
1.12. General Dispute Resolution Mechanism 34
1.12.1. Regulations 34
1.13. Miscellaneous 35
1.13.1. Nonexclusive Remedies 35
1.13.2. Third Party Beneficiaries 35
1.13.3 Governing Law 35
1.13.4 Publishing and Advertising 35
1.13.5 Amendments or Waivers 36
1.13.6 Severability 36
1.13.7. Survival of Obligations 36
1.13.8. Nonexclusive Dealings 36

2. Bona Fide Request Process (BFR) 1
2.1. General 1
2.1.1. Description 1

3. Ordering of Service 1
3.1. Orders for Interconnection Service 1
3.1.1. General 1
3.1.2. Labor 2
3.1.3. Service Date Interval 2
3.1.4. Modification 2
3.1.5. Cancellation 3
3.1.6. Service Order Standard Intervals 3
3.1.7. Service and Installation Intervals – SS7 Signaling Interconnection Trunks STP Ports 3
3.2. Orders for Unbundled Network Elements (UNEs) 4
3.2.1. General 4
3.2.2. Service and Installation Intervals – Unbundled Network Elements - Links 4
3.2.3. Service and Installation Intervals – Unbundled Network Elements – Unbundled Local Switching 6
3.2.4. Service and Installation Intervals – Unbundled Network Elements – Unbundled Interoffice Transmission Facilities 7
3.2.5. Service and Installation Intervals – Unbundled Network Elements – Expanded Extended Loop 7
3.2.6. Service and Installation Intervals – Unbundled Network Elements – Unbundled Dark Fiber 7
3.2.7. Service and Installation Intervals – Unbundled Network Elements – Unbundled Sub-loop Arrangement 7
3.2.8. Service and Installation Intervals – Unbundled Network Elements – Network Interface Device and House and Riser Cable 8
3.2.9. Service and Installation Intervals – Unbundled Network Elements – Line Sharing 8
3.2.10. Modification 9
3.2.11. Cancellation 9
3.3. Nonrecurring Charges (NRCs) 10
3.3.1. General 10
3.3.2. Description 10

4. Issuance, Payment and Crediting of Customer Bills 1
4.1. Responsibility of the Telephone Company 1
4.1.1. Billing Convention Methods 1
4.1.2. Billing Periods 1
4.1.3. Late Payment Penalty 1
4.1.4. Payment Date 2
4.1.5. Medium of Payment 2
4.1.5.A.1. Immediately Available Funds 2
4.1.6. Customer Deposits 2
4.1.7. Billing Dispute 3
4.1.8. Billing Adjustments and Verification 5
4.1.9. Computation of Billed Charges 5
4.1.10. Additional Copies of Bills and Reports 5
4.2. Reserved for Future Use 6
4.3. Credit Allowance Conditions 7
4.3.1. Service Interruptions 7
4.4. Responsibility of the Customer 9
4.4.1. Revenue Accounting Office (RAO) 9
4.4.2. Establishing Service at Different Locations or Different Premises 9
4.4.3. State and Local Taxes 9

5. Wire Centers by Density Zone 1
5.1. Loop Application 1
5.1.1. Urban 1
5.1.2. Suburban 1
5.1.3. Rural 3

Table of Contents
Part B
Miscellaneous Network Services

1.	**Unbundled Network Elements (UNEs)**	1
1.1.	Description	1
1.1.1.	General	1
1.1.2.	Regulations	1
1.1.3.	Timing and Rating of Usage	2

2. Unbundled IOF Transport 1
2.1. Description 1
2.1.1. General 1
2.1.2. Description 7
2.2. Application of Rates and Charges 8
2.2.1. Channel Mileage 8
2.2.2. NRCs 8
2.2.3. Other Charges 8

3. Unbundled Multiplexer 1
3.1. Description 1
3.1.1. General 1
3.2. Application of Rates and Charges 2
3.2.1. Monthly 2
3.2.2. NRCs 2

4. Tandem Switching 1
4.1. Description 1
4.1.1. General 1
4.2. Regulations 2
4.2.1. Description 2
4.3. Application of Rates and Charges 3
4.3.1. Description 3

5. Links (Local Loops) 1
5.1. Two Wire Links 1
5.1.1. Description 1
5.1.2. Responsibility of the Telephone Company 1
5.1.3. Responsibility of the TC 1
5.1.4. Regulations 2
5.1.5. Application of Rates and Charges 2
5.2. Four Wire Links 3
5.2.1. Description 3
5.2.2. Responsibility of the Telephone Company 3
5.2.3. Responsibility of the TC 3
5.2.4. Regulations 3
5.2.5. Application of Rates and Charges 4
5.3. High Capacity Links 5
5.3.1. Description 5
5.3.2. Regulations 5
5.3.3. 1.544 Clear Channel Capability Option 6
5.3.4. Application of Rates and Charges 6
5.4. xDSL Qualified and Digital Designed Links 7
5.4.1. Description 7
5.4.2. Ordering Service 8
5.4.3. Responsibility of the Telephone Company 9
5.4.4. Responsibility of the TC 9
5.4.5. Regulations 10
5.4.6. Conditioning Options 10
5.4.7. Application of Rates and Charges 10

6. Local Switching 1
6.1. Line Ports 1
6.1.1. Description 1
6.1.2. Line Port Features 4
6.1.3. Responsibility of the Telephone Company 8
6.1.4. Responsibility of the TC 8
6.1.5. Regulations 9
6.1.6. Application of Rates and Charges 9
6.2. Trunk Ports 12
6.2.1. Dedicated Trunk Port 12
6.2.2. Dedicated Trunk Port Features 12
6.2.3. Shared Trunk Port 13
6.2.4. Regulations 13
6.2.5. Application of Rates and Charges 13
6.3. Usage 15
6.3.1. Determination of Chargeable Minutes of Use 15
6.3.2. Application of Rates and Charges 16
6.4. Provision for Other Services 22
6.4.1. Network Design Request-Group Routings 22

7. Access to Signaling Systems and Call Related Databases 1
7.1. General 1
7.1.1. Description 1
7.2. Line Information Database (LIDB) Access 2
7.2.1. Description 2
7.3. LIDB Record Management 3
7.3.1. Description 3
7.4. 800 Database Access Service 4
7.4.1. Description 4
7.5. Common Channel Signaling (CCS/SS7) 5
7.5.1. Description 5
7.6. Service Management System (SMS) 6
7.6.1. Description 6
7.6.2. Application of Rates and Charges 7

8. Directory Assistance Services 1
8.1. Directory Assistance (DA) 1
8.1.1. Description 1
8.1.2. Directory Assistance with Branding 1
8.1.3. Application of Rates and Charges 1
8.2. Directory Assistance with Call Completion (DACC) 2
8.2.1. Description 2
8.2.2. Application of Rates and Charges 2
8.3. Direct Access to Directory Assistance (DADA) 3
8.3.1. Description 3
8.3.2. Application of Rates and Charges 3

9.	**Operator Services**	1
9.1.	General	1
9.1.1.	Furnishing of Service	1
9.2.	O+/Mechanized Operator Services (Calling Card, Collect, Bill to Third Number)	2
9.2.1.	Description	2
9.2.2.	Application of Rates and Charges	2
9.3.	0- Operator Handled Calls (Calling Card, Collect, Bill to Third Number)	3
9.3.1.	Description	3
9.3.2.	Application of Rates and Charges	3
9.4.	Inward Operator Services	4
9.4.1.	Description	4
9.4.2.	Responsibility of the TC	4
9.4.3.	Responsibility of the Telephone Company	4
9.4.4.	Application of Rates and Charges	4

10. Access to Operating Support Systems (OSS) 1
10.1. General 1
10.1.1. Description 1

11. Number Portability 1
11.1. General 1
11.1.1. Description 1
11.2. Number Resources, Rate Centers and Routing Points 2
11.2.1. General 2

12. Network Interface Device (NID) and House and Riser Cable 1
12.1. Network Interface Device (NID) 1
12.1.1. Description 1
12.1.2. Regulations 1
12.1.3. Responsibility of the TC 1
12.1.4. Responsibility of the Telephone Company 2
12.1.5. Application of Rates and Charges 3
12.2. House and Riser Cable 4
12.2.1. Description 4
12.2.2. Responsibility of the Telephone Company 5
12.2.3. Responsibility of the TC 7
12.2.4. Security 10
12.2.5. Application of Rates and Charges 10

13. Expanded Extended Loop (EEL) 1
13.1. General 1
13.1.1. Description 1
13.2. Responsibility of the Telephone Company 2
13.2.1. General 2
13.3. Responsibility of the TC 3
13.3.1. General 3
13.4. Application of Rates and Charges 4
13.4.1. Description 4

14. Reserved for Future Use 1

15. Unbundled Network Element-Platform (UNE-P) Combinations 1
15.1. General 1
15.1.1. Description 1
15.2. Responsibility of the CLEC 2
15.2.1. Network Design Request 2
15.2.2. Mechanized Trouble Reporting 2
15.3. Order of Service 3
15.3.1. Classification of UNE-P Combinations 3
15.4. Application of Rates and Charges 4
15.4.1. Description 4

16. Reserved for Future Use 1

17. Unbundled Dark Fiber 1
17.1. General 1
17.1.1. Description 1
17.1.2. Cable Records Review 2
17.1.3. Fiber Layout Map 4
17.1.4. Field Survey 5
17.1.5. Testing 5
17.1.6. Connectors 5
17.1.7 Ordering Unbundled Dark Fiber 6
17.2. Responsibility of the Telephone Company 7
17.2.1. Description 7
17.3. Responsibility of the TC 8
17.3.1. Description 8
17.4. Regulations 9
17.4.1. Reserving Fiber Pairs 9
17.4.2. Maintenance Spares 9
17.4.3. Billing of Rates and Charges 9
17.4.4. Request for Service Date Change 9
17.5. Application of Rates and Charges 10
17.5.1. NRCs 10
17.5.2. Monthly Rates 10
17.5.3. Time and Materials 11

18. Unbundled Sub-loop Arrangement (USLA) 1
18.1. General 1
18.1.1. Description 1
18.1.2. Ordering Service 1
18.1.3. Responsibility of the TC 2
18.1.4. Responsibility of the Telephone Company 3
18.1.5. Application of Rates and Charges 3

19. Line Sharing 1
19.1. General 1
19.1.1. Description 1
19.1.2. Ordering Service 1
19.1.3. Regulations 2
19.1.4. Responsibility of the TC 3
19.1.5. Repair and Maintenance 4
19.1.6 Line Sharing Arrangements and Triennial Review Order of 2003 5
19.2. Application of Rates and Charges 6
19.2.1. NRCs 6
19.2.2. Additional Labor Charges 6
19.2.3. Other 7

20. Access to Poles, Ducts, Conduits and Rights of Way 1
20.1. General 1
20.1.1. Description 1

1.	**Switched Interconnection Services**	1
1.1.	Description	1
1.1.1.	General	1
1.1.2.	Timing and Rating of Usage	2
1.1.3.	Provisioning	4
1.1.4.	Types of Termination	4
1.2.	Meet Point A	5
1.2.1.	End Office Meet Point (Meet Point A) Arrangement	5
1.2.2.	Two-Way Meet Point A Reciprocal Traffic Exchange Trunk (RTET) Arrangement	5
1.3.	Meet Point B	6
1.3.1.	Tandem Meet Point (Meet Point B) Arrangement	6
1.3.2.	Two-Way Meet Point B Reciprocal Traffic Exchange Trunk (RTET) Arrangement	6
1.3.3.	Tandem Transit Service (TTS)	6
1.4.	Meet Point C	7
1.4.1.	End Office Meet Point (Meet Point C) Arrangement	7
1.5.	Transport to the Interconnection POT	8
1.5.1.	Description	8
1.6.	Responsibility of the Telephone Company	9
1.6.1.	Measuring TC Switched Interconnection Minutes	9
1.6.2.	Network Management	9
1.6.3.	Two-Way Meet Point A and Two-Way Meet Point B Reciprocal Traffic Exchange Trunks	10
1.6.4.	Interface Groups	10
1.7.	Responsibility of the TC	14
1.7.1.	General	14
1.7.2.	Two-Way Meet Point A and Two-Way Meet Point B Reciprocal Traffic Exchange Trunks	14
1.7.3.	Combined Traffic	15
1.7.4.	Segregated Traffic	15
1.7.5.	Signaling	16
1.8.	800 Database Access	17
1.8.1.	Description	17
1.8.2.	Responsibility of the Telephone Company	17
1.8.3.	Responsibility of the TC	17
1.8.4.	Application of Rates and Charges	18
1.9.	Line Information Database (LIDB) Access Service	19
1.9.1.	Description	19
1.9.2.	Regulations	19
1.9.3.	Responsibility of the Telphone Company	20
1.9.4.	Responsibility of the TC	20
1.9.5.	Application of Rates and Charges	20
1.10.	LIDB Record Management	21
1.10.1.	Description	21
1.10.2.	Regulations	21
1.10.3.	Application of Rates and Charges	24
1.11.	Common Channel Signaling Network Interconnection (CCS/SS7)	25
1.11.1.	Description	25
1.11.2.	Regulations	25

1. Switched Interconnection Services

1.12. Optional Services and Features 27
1.12.1. Tandem Subtending Arrangements (TSA) 27
1.12.2. 64 Kbps Clear Channel Capability (64CCC) 28
1.12.3. Supervisory Signaling 28
1.12.4. Multiplexing Arrangements 28
1.12.5. SS7 Signaling Option 28
1.12.6. Charge Number (CN) 28
1.12.7. Calling Party Number (CPN) 29
1.12.8. Transactional Capabilities Application (TCAP) 31
1.13. Application of Rates and Charges 32
1.13.1. Meet Point A and Two-Way Meet Point A Reciprocal Traffic Exchange Trunks 32
1.13.2. Meet Point B and Two-Way Meet Point B Reciprocal Traffic Exchange Trunks 32
1.13.3. Meet Point C 32
1.13.4. NRCs 33
1.13.5. Service Rearrangements 33
1.13.6. CCS/SS7 Application of Rates and Charges 35
1.13.7. Optional Features and Functions 36

2. Optional Services 1
2.1. General 1
2.1.1. Responsibility of the TC 1
2.2. E911 Services 2
2.2.1. General 2
2.2.2. Responsibility of the TC 2
2.2.3. Liability 3
2.2.4. Application of Rates and Charges 3
2.3. Directory Listing Services 4
2.3.1. Description 4
2.3.2. Responsibility of the Telephone Company 4
2.3.3. Responsibility of the TC 5
2.3.4. Application of Rates and Charges 6

3. **Reserved for Future Use**

Table of Contents
Part D
Miscellaneous Network Services

1. Reserved for Future Use 1

1. Collocation 1
1.1. Description 1
1.1.1. General 1
1.1.2. Service and Installation Intervals 1
1.1.2.B.1. Day 1 1
1.1.2.B.2. Day 9 1
1.1.2.B.3. Day 14 1
1.1.2.B.4. Day 76 1
1.1.2.F. Forecast Requests 2
1.1.2.G. Use of Forecasting Data 3
1.1.2.G.2.a. No Forecast Received 3
1.1.2.G.2.b. Forecast Received One Month Prior to Application Date 3
1.1.2.G.2.c. Forecast Received Two Months Prior to Application Date 3
1.2. Termination of Arrangement 4
1.2.1. Description 4

2.	**Physical Collocation**	1
2.1.	General	1
2.1.1.	Description	1
2.1.2.	Site Survey/Report, Application, Engineering and Administration	2
2.2.	Responsibility of the Telephone Company	3
2.2.1.	Accommodations	3
2.2.2.	Deployment Requirements	3
2.2.3.	Point of Termination	6
2.2.3.B.1.	Option 1	6
2.2.3.B.2.	Option 2	6
2.2.3.B.3.	Option 3	6
2.2.4.	Minimum Floor Space Requirements/Anti-Warehousing	7
2.2.5.	Safety and Security Measures	7
2.2.6.	Repair and Maintenance	9
2.2.7.	Damage to the Multiplexing Node	10
2.2.8.	Reclamation of Space/Right to Terminate or Rearrange	11
2.2.9.	Provisions for Other Services	13
2.2.10.	Cabling	14
2.3.	Responsibility of the CLEC	15
2.3.1.	Cabling	15
2.3.2.	Ordering Service	15
2.3.3.	Safety and Technical Standards	15
2.3.4.	Insurance	15
2.3.4.H.	Self Insurance	17
2.3.5.	Inspections	17
2.3.6.	Technical Specifications	18
2.4.	Joint Planning and Implementation	20
2.4.1.	Description	20
2.4.2.	Space Limitations	21
2.4.3.	Removal of Obsolete Equipment	21
2.5.	Application of Rates and Charges	23
2.5.1.	Application Fee	23
2.5.2.	Space Conditioning	23
2.5.3.	Occupancy	23
2.5.3.A.	Building Expense	23
2.5.3.B.	POT Bay Frame	23
2.5.3.B.1.a.	Option 1	23
2.5.3.B.1.b.	Option 2	23
2.5.3.B.1.c.	Option 3	23
2.5.3.C.	DC Power	23
2.5.4.	Service Access Charge (SAC)	23
2.5.4.A.	SAC POT Bay Termination	23
2.5.4.B.	SAC Cable and Frame Termination	24
2.5.5.	Cable Placement and Splicing	24
2.5.6.	Escorting	24
2.5.7.	Conduit	24
2.5.8.	Prorating of Special Construction Charges	24
2.5.9.	Taxes	25
2.5.10.	Site Survey/Report Fee	25
2.5.11.	Security Access Cards	25

3.	**Virtual Collocation**	1
3.1.	General	1
3.1.1.	Description	1
3.1.2.	Implementation	1
3.1.3.	Cancellation	2
3.1.3.A.1.	Non-Payment	2
3.1.3.A.2.	Tariff Violation	2
3.1.3.A.3.	Violation of Law	2
3.1.4.	Transmission Failure	2
3.2.	Responsibility of the Telephone Company	3
3.2.1.	Accommodations	3
3.2.2.	Plug-Ins and Spare Cards	4
3.2.3.	Safety and Technical Standards	5
3.3.	Responsibility of the CLEC	6
3.3.1.	Ordering Service	6
3.3.1.B.1.	Initial Arrangement	6
3.3.1.B.2.	Subsequent Arrangement	6
3.3.1.B.3.	Augment-Rearrangement of Equipment	6
3.3.1.B.4.	Software Upgrades/Additional Cards per Shelf	6
3.3.2.	Placement, Removal and Monitoring of Facilities and Equipment	6
3.3.3.	Use of Non-Standard Equipment	7
3.3.4.	Additions and Rearrangements	8
3.3.5.	Plug-Ins and Spare Cards	8
3.3.6.	Safety and Technical Standards	9
3.4.	Application of Rates and Charges	10
3.4.1.	General	10
3.4.2.	Application Fees	10
3.4.2.A.1.	Initial Arrangement	10
3.4.2.A.2.	Subsequent Arrangement	10
3.4.2.A.3.	Augment-Rearrangement of Equipment	10
3.4.2.A.4.	Software Upgrades/Additional Cards per Shelf	10
3.4.3.	Engineering and Implementation	10
3.4.3.A.	Initial Arrangement	10
3.4.3.B.	Subsequent Arrangement	10
3.4.3.C.	Augment-Rearrangement of Equipment	11
3.4.3.D.	Software Upgrades/Additional Cards per Shelf	11
3.4.4.	Installation/Acceptance Testing	11
3.4.5.	Interconnection Access Charge (IAC)	11
3.4.6.	Fiber Placement and Splicing	12
3.4.7.	Entrance Fiber Termination	12
3.4.8.	Fiber Distribution Frame (FDF)	12
3.4.9.	Direct Current (DC) Power	12
3.4.10.	Equipment Support	12
3.4.11.	Spare Cabinet	13
3.4.12.	Training	13
3.4.13.	Maintenance	13
3.4.14.	Additional Labor Charges	13
3.4.15.	Late Payment Penalty	13

4. Microwave Collocation 1
4.1. General 1
4.1.1. Description 1
4.2. Responsibility of the Telephone Company 2
4.2.1. Accommodations 2
4.2.2. Safety and Technical Standards 3
4.2.3. Security 3
4.3. Responsibility of the CLEC 4
4.3.1. Safety and Technical Standards 4
4.3.2. Placement and Removal of Facilities and Equipment 5
4.3.3. Moves, Replacements or Other Modifications 5
4.4. Application of Rates and Charges 6
4.4.1. General 6
4.4.2. Space and Facilities 6
4.4.3. Cable Rack 7
4.4.4. Conduit 7
4.4.5. Emergency Power and/or Environmental Support 7
4.4.6. Escort Service 8
4.4.7. Building Penetration 8

5. Interconnection Between Collocated Spaces 1
5.1. Dedicated Transit Service (DTS) 1
5.1.1. Description 1
5.1.2. Responsibility of the CLEC 1
5.1.2.A. Ordering, Provisioning, Payment, Maintenance and Disconnection of Service 1
5.2. Dedicated Cable Support (DCS) 2
5.2.1. Description 2
5.2.2. Placement, Removal and Monitoring of Facilities and Equipment 2
5.2.3. Responsibility of the CLEC 2
5.2.3.A. Safety and Technical Standards 2
5.3. Application of Rates and Charges 4
5.3.1. DTS 4
5.3.1.A. Service Order 4
5.3.1.B. Service Connection/Circuit Provisioning 4
5.3.1.C. Monthly Rate 4
5.3.2. DCS 4

6. Secured Collocation Open Physical Environment (SCOPE) 1
6.1. Description 1
6.1.1. General 1
6.2. Responsibility of the Telephone Company 2
6.2.1. Accommodations 2
6.3. Responsibility of the CLEC 3
6.3.1. Description 3
6.4. Application of Rates and Charges 4
6.4.1. Implementation Charges 4
6.4.1.B. The SPOT Bay Frame NRC 4
6.4.1.C. SCOPE Construction NRC 4
6.4.2. Monthly Rates 4
6.4.2.D. SAC SPOT Bay Termination 4
6.4.2.E. SAC Cable and Frame Termination 4
6.4.2.F. SPOT Bay Frame 4
6.4.2.G. Conduit 4
6.4.3. Other Charges 4
6.4.3.A. Escort Service 4
6.4.3.B. Cable Placement and Splicing 4
6.4.3.C. Site Survey/Report 4
6.4.3.D. Security Access Cards 4

7. Shared Cages 1
7.1. Description 1
7.1.1. General 1
7.1.2. Orders for Service 2
7.2. Responsibility of the Telephone Company 3
7.2.1. Description 3
7.3. Responsibility of the Host & Guest 4
7.3.1. Description 4

8. **Reserved for Future Use** 1

9.	**Cageless Collocation Open Environment (CCOE)**	1
9.1.	General	1
9.1.1.	Description	1
9.2.	Responsibility of the Telephone Company	2
9.2.1.	Accommodations	2
9.2.2.	Security	2
9.3.	Responsibility of the CLEC	4
9.3.1.	Ordering Service	4
9.3.2.	Central Office Access	4
9.3.3.	Safety and Technical Standards	4
9.3.4.	Security	4
9.3.5.	Placement and Removal of Facilities and Equipment	5
9.3.6.	Point of Termination	5
9.3.7.	Access to Equipment	6
9.4.	Application of Rates and Charges	7
9.4.1.	General	7
9.4.2.	Application Fees	7
9.4.3.	Site Survey/Report Fee	7
9.4.4.	Engineering and Implementation	7
9.4.5.	SPOT Bay Frame	7
9.4.6.	SAC SPOT Bay Termination	7
9.4.7.	SAC Cable and Frame Termination	7
9.4.8.	Security Access Cards	7
9.4.9.	Space and Conditioning	7
9.4.9.A.	Building	7
9.4.10.	Occupancy	8
9.4.10.A.	DC Power	8
9.4.11.	Cable Rack	8
9.4.12.	Conduit	8
9.4.12.A.	Space and Conduit	8
9.4.13.	Cageless Security	8
9.4.14.	Other Charges	8
9.4.14.A.	Escort Service	8

10. Adjacent Structures 1
10.1. General 1
10.1.1. Description 1
10.2. Responsibility of the Telephone Company 2
10.2.1. Accommodations 2
10.3. Responsibility of the CLEC 3
10.3.1. Accommodations 3
10.3.2. Federal, State and Local Provisions 3
10.3.3. Rights of Way 3
10.3.4. Safety and Technical Standards 3
10.3.5. Liability 3
10.4. Application of Rates and Charges 4
10.4.1. Description 4

11. Collocation at Remote Terminal Equipment Enclosures (CRTEE) 1
11.1. General 1
11.1.1. Description 1
11.1.1.D. Demarcation Point 1
11.1.1.D.1. DS1, DS3 and Optical Services 1
11.1.1.D.2. Twisted Pair Connections 1
11.1.2. Ordering Service 1
11.1.2.A. Remote Terminal Serving Address Inquiry 1
11.1.2.B. Preliminary Engineering Records Review 2
11.1.2.C. Site Survey for Space Availability Inquiry 2
11.1.3. Responsibility of the Telephone Company 2
11.1.4. Responsibility of the CLEC 2
11.1.5. Security 3
11.2. Application of Rates and Charges 4
11.2.1. Nonrecurring Charges 4
11.2.1.A.1. Remote Terminal Serving Address Inquiry 4
11.2.1.A.2. Preliminary Engineering Records Review 4
11.2.1.A.3. Site Survey for Space Availability Inquiry 4
11.2.1.A.4. Application Fee 4
11.2.1.A.5. Engineering and Implementation Fee 4
11.2.1.A.6. Site Preparation Fee 4
11.2.2. Monthly Rates 4
11.2.2.A. Equipment Support 4
11.2.2.B. DC Power 4
11.2.2.C. Conduit and Space 4
11.2.3. Other 4
11.2.3.C. Escorting 4

Table of Contents
Part F
Miscellaneous Network Services

1. Reserved for Future Use 1

Table of Contents
Part G
Miscellaneous Network Services

1. **Reserved for Future Use** 1

Table of Contents
Part H
Miscellaneous Network Services

1. **Reserved for Future Use** 1

Table of Contents
Part I
Miscellaneous Network Services

1. Reserved for Future Use 1

Table of Contents
Part J
Miscellaneous Network Services

1. Reserved for Future Use 1

Table of Contents
Part K
Miscellaneous Network Services

1. Reserved for Future Use 1

Table of Contents
Part L
Miscellaneous Network Services

1. Reserved for Future Use 1

1.	**Rates and Charges**	1
1.1.	Tariff Information and General Regulations	1
1.2.	Bona Fide Request Process (BFR)	2
1.3.	Ordering of Service – Non Recurring Charges	3
1.3.1.	Service Order	3
1.3.2.	Manual Intervention Surcharge	12
1.3.3.	Service Connection – Central Office Wiring	23
1.3.4.	Service Connection - Other	29
1.3.5.	Dispatch Out – Out of Hours	38
1.3.6.	Installation Dispatch - Out	38
1.3.7.	Customer Not Ready	41
1.3.8.	Customer Misdirect - In	41
1.3.9.	Customer Misdirect - Out	41
1.3.10.	Labor	41
1.3.11	SMDI Non-Recurring	41
1.4.	Issuance, Payment and Crediting of Customer Bills	42
1.4.1.	Additional Copies of Bills and Reports	42
1.5.	Reserved for Future Use	43

2.	**Rates and Charges**	1
2.1.	Unbundled Network Elements (UNEs)	1
2.2.	Interoffice Transmission Facilities	2
2.2.1.	Interoffice Transmission Facilities	2
2.3.	Unbundled Multiplexer	3
2.3.1.	Unbundled Multiplexer	3
2.4.	Tandem Switching	4
2.4.1.	Dedicated Tandem Trunk Ports	4
2.4.2.	Shared Tandem Trunk Ports	4
2.4.3.	Tandem Usage	4
2.5.	Links (Local Loops)	5
2.5.1.	Two-Wire Links	5
2.5.2.	Four-Wire Links	5
2.5.3.	High Capacity Links	5
2.5.4.	xDSL Qualified and Digital Designed Links	6
2.6.	Local Switching	7
2.6.1.	Line Ports	7
2.6.2.	Trunk Ports	9
2.6.3.	Usage	9
2.6.4.	Trunk Features	10
2.7.	Access to Signaling Systems and Call Related Databases	11
2.7.1.	Service Management System (SMS)	11
2.8.	Directory Assistance Services	12
2.8.1.	Directory Assistance	12
2.8.2.	Directory Assistance with Call Completion (DACC)	12
2.8.3.	Direct Access to Directory Assistance (DADA)	12
2.9.	Operator Services	13
2.9.1.	0+/Mechanized Operator Calls	13
2.9.2.	0- Operator Handled Calls	13
2.9.3.	Inward Operator Services	13
2.10.	Access to Operating Support Systems (OSS)	14
2.10.1.	Direct Custom Access System (DCAS)	14
2.11.	Number Portability	15
2.12.	Network Interface Device (NID) and House and Riser Cable	16
2.12.1.	Network Interface Device	16
2.12.2.	House and Riser Cable	16
2.13.	Expanded Extended Loop (EEL)	17
2.13.1.	Expanded Extended Loop	17
2.14.	Reserved for Future Use	19
2.15.	Unbundled Network Element-Platform Combinations	20
2.16.	Reserved for Future Use	21
2.17.	Unbundled Dark Fiber	22
2.17.1.	Unbundled Dark Fiber	22
2.18.	Unbundled Sub-Loop Arrangement	25
2.18.1.	USLA	25
2.19.	Line Sharing	26
2.19.1.	Line Sharing	26

3. Rates and Charges 1
3.1. Switched Interconnection Services 1
3.1.1. Switched Interconnection Services 1
3.1.2. Meet Point A Arrangements 1
3.1.3. Meet Point B Arrangements 1
3.1.4. Meet Point C Arrangements 2
3.1.5. Common Channel Signaling Network Interconnection (CCS/SS7) 2
3.1.6. Line Information Database (LIDB) Access Service 6
3.1.7. LIDB Record Management 6
3.1.8. 800 Data Base Access Service 6
3.1.9. E911 Access 6

4. Rates and Charges 1
4.1. Reserved for Future Use 1

5. Rates and Charges 1
5.1. Collocation 1
5.2. Physical Collocation 2
5.2.1. Application Fees 2
5.2.2. Space Conditioning 2
5.2.3. Occupancy 2
5.2.4. Service Access Charge (SAC) 2
5.2.5. Cable Placement and Splicing 3
5.2.6. Escorting 3
5.2.7. Conduit 4
5.2.8. Site Survey/Report 4
5.2.9. Security Access Cards 4
5.3. Virtual Collocation 5
5.3.1. Application Fees 5
5.3.2. Engineering and Implementation 5
5.3.3. Installation/Acceptance Testing 5
5.3.4. Interconnection Access Charge (IAC) 6
5.3.5. Fiber Placement and Splicing 6
5.3.6. Entrance Fiber Termination 7
5.3.7. Fiber Distribution Frame (FDF) 7
5.3.8. Direct Current 7
5.3.9. Equipment Support 7
5.3.10. Spare Cabinet 7
5.3.11. Training 7
5.3.12. Maintenance or Service Activity/Additional Labor Charges 8
5.4. Microwave Collocation 9
5.4.1. Space and Facilities 9
5.4.2. Cable Rack 9
5.4.3. Conduit 9
5.4.4. Emergency Power and/or Environmental Support 9
5.4.5. Escorting 9
5.4.6. Building Penetration 9
5.5. Interconnection Between Collocated Spaces 10
5.5.1. Dedicated Transit Service (DTS) 10
5.5.2. Dedicated Cable Support (DCS) 10
5.6. Secured Collocation Open Physical Environment (SCOPE) 11
5.6.1. Engineering and Administration 11
5.6.2. Construction 11
5.6.3. Space and Facilities 11
5.6.4. Service Access Charge (SAC) 11
5.6.5. SPOT Bay Frame 11
5.6.6. Escorting 12
5.6.7. Cable 12
5.6.8. Occupancy 12
5.6.9. Conduit 12
5.6.10. Site Survey/Report 12
5.6.11. Security Access Cards 12
5.7. Shared Cages 13
5.8. Reserved for Future Use 14
5.9. Cageless Collocation Open Environment (CCOE) 15
5.9.1. Application Fees 15
5.9.2. Site Survey/Report 15

5. Rates and Charges
5.9.3. Engineering and Implementation 15
5.9.4. SPOT Bay Frame 15
5.9.5. Service Access Charge (SAC) 16
5.9.6. Security Access Cards 16
5.9.7. Space and Conditioning 16
5.9.8. Cable 16
5.9.9. Occupancy 16
5.9.10. Conduit 16
5.9.11. Cageless Security 17
5.9.12. Escorting 17
5.10. Adjacent Structures 18
5.11. Collocation at Remote Terminal Equipment Enclosures (CRTEE) 19
5.11.1. CRTEE 19

6. Rates and Charges 1
6.1. Reserved for Future Use 1

7. Rates and Charges 1
7.1. Reserved for Future Use 1

8. Rates and Charges 1
8.1. Reserved for Future Use 1

9. Rates and Charges 1
9.1. Reserved for Future Use 1

10. Rates and Charges 1
10.1. Reserved for Future Use 1

11. Rates and Charges 1
11.1. Reserved for Future Use 1

12. Rates and Charges 1
12.1. Reserved for Future Use 1

1. Tariff Information and General Regulations
1.1 General

1.1.1	Concurring, Connecting and Other Participating Carriers
A.	There are no concurring, connecting or other participating carriers.

1.1.2	Tariff Structure
A.	The tariff is divided into parts which are structured alphabetically, (e.g., Parts A, B, C, etc.). Each part is subdivided into sections which are structured numerically, (e.g., Section 1, 2, 3 etc.).

1.1.3	Page Revisions
A.	As a result of regulatory or marketing initiatives, tariff pages are revised and filed with the PUC on a continual basis. When tariff pages are filed, they show an issued and effective date (see page bottom). The issued date is the day upon which the pages were filed. The effective date is 30 days following the issued date, or the date upon which the pages have been ordered to become effective.
B.	Each tariff page displays unique page identification information (see page top right). The first issuance of a page is labeled as the Original. Future revisions are issued sequentially as follows, First Revision, Second Revision, Third Revision, etc. Revised pages cancel effective pages. The effective page is the foundation upon which all revisions are made.
C.	**Supplement Numbers**— Tariff pages are occasionally issued as Supplements. This occurs when the page being filed is already pending PUC decision in another regulatory initiative. When the pending page becomes effective and the supplement page becomes effective as well, it becomes necessary to incorporate the revisions contained on the supplement page into a standard number tariff page. The incorporation will generally occur in the next regulatory initiative in which that page is involved.

1.1.4	Tariff Codes
A.	Appearing in the right margins of tariff pages are upper case alphabetical characters enclosed in parenthesis. These characters represent a coding mechanism to explain the modification that has been made from one page revision to the next. The tariff codes are as follows.
1.	**(C)**— A change in regulation
2.	**(D)**— A deletion due to discontinuance of a rate or regulation
3.	**(I)**— A rate that has been increased
4.	**(N)**— A new regulation or rate
5.	**(R)**— A rate that has been decreased

1. Tariff Information and General Regulations
1.1 General

1.1.4	Tariff Codes
A.	(Continued)
6.	(S)— The incorporation of approved material issued under a Supplement
7.	(T)— Text that has changed without causing a change in regulation
8.	(X)— Text that has been moved from one page to another

1. Tariff Information and General Regulations
1.2 Referencing

1.2.1	Reference to Other Tariffs
A.	Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof. The regulations, rates and charges contained herein are in addition to the applicable regulations, rates and charges specified in other tariffs of the Telephone Company which are referenced herein.

1.2.2	Reference to Other Publications	
A.	Technical Reference documents (referenced as NIP-XXXX, NTR-XXXX) can be obtained from Manager, Technology Selection Management, Network and Technical Planning, 1166 Avenue of the Americas, Room 11015, NY NY 10036.	
B.	PUB AS No. 1, Issue II and Addendum can be obtained from National Exchange Carrier Association, Inc., Director-Tariff and Regulatory Matters, 100 S. Jefferson Rd., Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.	
C.	NECA Inc. Tariff FCC No. 4 can be obtained from the Federal Communications Commission's commercial contractor.	
D.	Other Technical publications (referenced as PUB, TR-NPL, TR-TSV, TR-TSY, BR, CB, GR or SR) can be obtained from Bell Communications Research, Inc. Distribution Storage Center, 60 New England Ave., Piscataway, NJ 08854.	
E.	References to "NEBS" standards or requirements in this tariff exclude those NEBS standards or requirements that relate to equipment performance or reliability.	
F.	Unless otherwise specifically provided herein, whenever any provision of this tariff refers to a technical reference, technical publication, Telephone Company Practice, any publication of telecommunications industry administrative or technical standards, or any other document specifically incorporated into this tariff, it will be deemed to be a reference to the most recent version or edition (including any amendments, supplements, addenda, or successors) of such document that is in effect, and will include the most recent version or edition (including any amendments, supplements, addenda, or successors) of each document incorporated by reference in such a technical reference, technical publication, Telephone Company Practice, or publication of industry standards.	(N) (N)

1.2.3	Trademarks and Service Marks
A.	Refer to NHPUC No. 83 and NHPUC 85 tariffs.

1.2.4	Reference to Competitive Local Exchange Carriers (CLEC) and Telecommunications Carriers (TC) as Customers	
A.	When the following terms are used in this tariff, the use of one term versus another is based upon the specific service offering being described, and the context of the situation under which the service is provided. The customer's use of one term over another is not meant to indicate that regulations, rates and charges contained through this tariff do not apply to the customer should the customer interchangeably use these terms when assigning reference to itself.	(T)

1. Tariff Information and General Regulations
1.2 Referencing

1.2.4	**Reference to Competitive Local Exchange Carriers (CLEC) and Telecommunications Carriers (TC) as Customers**	
A.	(Continued)	
1.	**Competitive Local Exchange Carrier**— A facilities based common carrier that meets all of the following criteria.	(X)
a.	Is authorized by the PUC to provide local exchange services as a facilities based carrier	
b.	Provides dial tone and local exchange service under tariff within the state of New Hampshire	(X)
c.	Provides reciprocal interconnection arrangements under tariff or contract to all local exchange carriers upon request	
d.	Provides access to 911 and E-911 services and statewide relay service	
e.	Complies with industry standards on all matters such as technical interconnection standards and billing standards	
f.	Participates in intercarrier compensation arrangements and provides data for such arrangements required according to industry standards and practices.	
2.	**Telecommunications Carrier (TC)**— Synonymous with the term CLEC.	

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.1	Abbreviations
ADSL	Asymmetrical Digital Subscriber Line
BFR	Bona Fide Request
BLV/BLVI	Busy Line Verification/Busy Line Verification Interrupt
CLEC	Competitive Local Exchange Carrier
CCS	Hundred Call Seconds; or Common Channel Interoffice Signaling; or Custom Calling Services
CMDS	Centralized Message Distribution System
CPN	Calling Party Number
DCAS	Direct Customer Access System
IC or IXC	Interexchange Carrier
FCC	Federal Communications Commission
HDSL	High-Bit Rate Digital Subscriber Line
IDLC	Integrated Digital Loop Carrier
ISDN	Integrated Services Digital Network
ITC	Independent Telephone Company
LERG	Local Exchange Routing Guide
NDR	Network Design Request
POT	Point of Termination
PUC	New Hampshire Public Utilities Commission
SCP	Service Control Point
SS7	Signaling System 7
STP	Signal Transfer Point
TC	Telecommunications Carrier
TBD	To Be Determined (N)
USOC	Universal Service Order Code

1. Tariff Information and General Regulations
1.3 Tariff Terminology

Any other terms not defined in this section or As Defined in the Act, that may be used in this tariff, shall be interpreted under standard, generally accepted usage in the Telecommunications Industry. (N) (N)

1.3.2 Definitions	
800 Service Provider—Any telecommunications service provider, i.e., Interexchange Carrier, Telecommunications Carrier, Local Exchange Carrier, that provides 800 Data Base Access Service to an end user.	(X)
Access Code—A sequence of numbers which, when dialed, connects the caller to the provider of services associated with that sequence. An access code denotes a uniform five or seven digit code assigned to an individual TC. The five digit code has the form 10XXX and the seven digit code has the form 101XXXX.	(T) (T) (X)
Access Minutes—Usage of exchange facilities in intrastate service for the purpose of calculating chargeable usage. On the terminating end of an intrastate call, usage is measured from the time the call is received by the end user in the terminating exchange. Timing of usage at terminating end of an intrastate call shall terminate when the calling or called party disconnects, whichever event is recognized first in the originating and terminating end exchanges, as applicable. On 800/888 calls originating access minutes of use will be measured from the time the call set is up in the IN SS7 network until the originating party disconnects.	(N) (N)
Access Tandem—A LEC switching system that provides traffic concentration and distribution functions for interexchange traffic originating/terminating within a LATA. The access tandem provides the TC with access to more than one end office within the LATA. More than one access tandem may be required to provide access to all end offices within a LATA. (Ref: BCR SR-TS4-002275, BOC Notes on How LEC Networks).	(X)(T) (T) (C) (C)
Act—The Communications Act of 1934 (47 U.S.C. 151 et seq.), as amended by the Telecommunications Act of 1996, and as, from time to time, interpreted in the duly authorized rules and regulations of the FCC or a Commission within its state of jurisdiction.	(X)
Actual Cost—All costs charged against a specific case of special construction, including any appropriate taxes.	(N) (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Asymmetrical Digital Subscriber Line—A transmission technology which transmits an asymmetrical digital signal using one of a variety of line codes as specified in ANSI standards T1.413-1995-007R2.	(N) (N)
Affiliate—As Defined in the Act means a person or entity that (directly or indirectly) owns or controls, is owned or controlled by, or is under common ownership or control with, another person or entity, whereby "own" means to own an equity interest (or the equivalent thereof) of more than 10 percent.	
Agreement for Switched Access Meet Point Billing—Agreement the Telephone Company enters into between itself and an interconnecting TC for the purpose of providing switched exchange access services to interexchange carriers.	(N)
Ancillary Telecommunications Services—Any service or support not otherwise defined in this tariff provided by the Telephone Company to requesting TCs to enable such requesting TCs to provide telecommunications services.	(N)
Answer/Disconnect Supervision—The transmission of the switch trunk equipment supervisory signal (off-hook or on-hook) to the customer's point of termination as an indication that the called party has answered or disconnected.	
Applicable Laws—All applicable federal, state or local statutes, laws, rules, regulations, codes, orders, decisions, injunctions, judgments, awards and decrees.	(N)
As Defined in the Act—As specifically defined by the Act and as, from time to time, interpreted in the duly authorized rules and regulations of the FCC or the Commission.	
As Described in the Act—As described in or required by the Act and as, from time to time, interpreted in the duly authorized rules and regulations of the FCC or the Commission.	
Assumed Minutes—An average daily usage measure based on actual usage for the preceding three months.	
Attenuation Distortion—The difference in loss at specified frequencies relative to the loss at 1004 Hz, unless otherwise specified.	
Automatic Number Identification—In-band trunk network signaling parameter which refers to the number that can be transmitted through a telecommunications network identifying the billing number of the calling party or customer.	(N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Bona Fide Request Process—The process that prescribes the terms and conditions pursuant to which a requesting telecommunications carrier can request that the Telephone Company provide it with unbundled network elements that the Telephone Company has not already provided under the terms of an interconnection agreement to another requesting telecommunications carrier and has not been made generally available under the terms of this tariff.	(X) (X)
Business Day—The times of day that a company is open for business. Generally, in the business community, these are 8:00 or 9:00 A.M. to 5:00 or 6:00 P.M., respectively, with an hour for lunch, Monday through Friday, resulting in a standard forty (40) hour work week. However, Business Day hours for the Telephone Company may vary based on company policy, union contract and location. To determine the hours for the Telephone Company, or a Telephone Company location, the account manager should be contacted.	(N)
Busy Line Verification Traffic—At the request of the TC's end user, a Telephone Company operator will attempt to determine the status of an exchange service line (e.g., conversation in progress, available to receive a call or out of service) and report to the TC's end user or its operator service provider.	
Busy Line Verification Interrupt Traffic—At the request of the TC's end user or its operator service provider, a Telephone Company operator determines and reports that a conversation is in progress on an exchange service line and subsequently interrupts such conversation to request that the conversation be terminated so that the TC's end user can attempt to complete a call to the line.	
CCS or Hundred Call Seconds—A telephone traffic engineering unit of measurement equaling one hundred seconds of usage.	
Call—A TC attempt for which the complete address code (e.g., 7 or 10 digits) is provided to the Telephone Company local office of the called number.	
Calling Party Number—A CCS parameter which refers to the number transmitted on an out-of-band basis through the SS7 signaling network identifying the calling party or customer's telephone number.	(N)
Carrier Identification Code (CIC)—A three or four digit number used by the Telephone Company to provide terminating local exchange service access to a TC and implement appropriate measurement capabilities associated with TC switched services.	(X) (X)(T)
Central Office—A local Telephone Company switching system where telephone exchange service customer station loops are terminated for purposes of interconnection to each other and to trunks.	(N)
Central Office Prefix—The first three digits (NXX) of the seven digit telephone number assigned to an end user's telephone exchange service when dialed on a local basis.	
Central Office Switch—A switch used to provide telecommunications services and that may also be employed as a combination End Office/Tandem Office Switch.	
Centralized Message Distribution System (CMDS) Host—An existing telephone company with established ownership on the national CMDS network used for intercompany settlements.	(N)
Channel—An electrical or photonic, in the case of fiber optic-based transmission systems, communications path between two or more points of termination.	(X) (X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
CLASS Features—Certain CCS-based features available to customers including, but not limited to: Automatic Call Back; Call Trace; Caller ID; Call Return and other CCS-based offerings that may become available.	(N)
Collocated Interconnection—A connection at a multiplexing node at the Telephone Company serving wire center between certain Telephone Company provided TC services and interconnector-provided optical or microwave facilities and equipment located in the serving wire center.	
Collocation—An arrangement whereby one party's (the collocating party) facilities are terminated in its equipment as may be necessary for interconnection or for access to unbundled network elements which have been installed and maintained at the premises of the Telephone Company.	
Commission—The New Hampshire Public Utilities Commission.	
Common Channel Interoffice Signaling (CCIS)—The signaling system, developed for use between switching systems with stored-program control, in which all of the signaling information for one or more groups of trunks is transmitted over a dedicated high-speed data link rather than on a per-trunk basis. The CCIS used by the Telephone Company is Signaling System 7 (SS7).	(N)
Cross Connection—A connection provided pursuant to collocation at the digital signal cross connect, main distribution frame or other suitable frame or panel between the collocating party's equipment and the equipment or facilities of the Telephone Company. Cross connection can be between two network elements not related to collocation or interconnection per se.	(X) (X)
Custom Calling Services—Central office-based enhancements to the subscriber's basic access line, including, but not limited to: Call Forwarding, Call Waiting, Speed Dialing and Three-Way Calling.	(N) (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Customer—Any individual, partnership, association, join stock company, trust, corporation, government entity or other entity which subscribes to the telecommunications services offered under this tariff.	(N)
Dialing Parity—A person that is not an affiliate of a local exchange carrier is able to provide telecommunications services in such a manner that its customers have the ability to route automatically, without the use of any access code, their telecommunications to the telecommunications service provider of the customer's designation from among two or more telecommunications service providers (including such local exchange carrier). In this tariff, "dialing parity" refers to both "local dialing parity" and "toll dialing parity". Local Dialing Parity means the ability of the telephone exchange service customers of one LEC to make local calls without dialing extra digits. Toll Dialing Parity means the ability of telephone exchange service customers of a LEC to place toll calls, both interLATA and intraLATA, which are routed to a toll carrier or toll carriers (intraLATA or interLATA) of their selection without dialing access codes or additional digits and with no unreasonable dialing delay. Toll dialing parity provides the Telephone Company's customers with the ability to select one carrier as their interLATA toll provider and the same or a different carrier as their intraLATA provider.	
Digital Cross Connect System (DCS) —Provides electronic cross connection of individual constituent digital signals to form higher speed digital signals	(N)
Digital Signal Level—One of several transmission rates in the time-division multiplex hierarchy.	(X)
Digital Signal Level 0 (DS0)—The 64 Kbps zero-level signal in the time-division multiplex hierarchy. The effective transport rate of a DS0 signal may be less than 64 Kbps as a result of technology limitations. A DS0 provides the digital equivalent of an analog voice grade channel.	
Digital Signal Level 1 (DS1)—The 1.544 Mbps first-level signal in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS1 is the initial level of multiplexing. A DS1 traditionally provides twenty-four DS0 channels, each of which provides the digital equivalent of an analog voice grade channel.	
Digital Signal Level 3 (DS3)—The 44.736 Mbps third-level in the time-division multiplex hierarchy. In the time-division multiplexing hierarchy of the telephone network, DS3 is defined as the third level of multiplexing. A DS3 traditionally provides twenty-eight DS1 channels, each of which provides the digital equivalent of twenty-four analog voice grade channels, resulting in a DS3 having the equivalent capacity of 672 equivalent voice grade channels.	
Direct Customer Access System—An electronic interface system provided by the Telephone Company to facilitate the ordering, provisioning and maintenance of various competitive offerings provided to telecommunications carriers, including: interconnection arrangements, unbundled network elements, resale of retail services at wholesale rates, and many other offerings.	
Directory Assistance—The provision of telephone numbers by a Telephone Company operator when the operator location is accessed by TC end users by sending the appropriate signals, e.g., offhook, 411, 555-1212 or NPA + 555-1212.	
Directory Assistance Location—A Telephone Company office where Telephone Company equipment first receives the Directory Assistance call from a TC's premises and selects the first operator position to respond to the Directory Assistance call.	(X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
800 Service Provider—Any telecommunications service provider, i.e., interexchange carrier, telecommunications carrier, local exchange carrier, that provides 800 Data Base Access Service to an end user.	(N) (N)
End Office—An exchange Telephone Company switching system or facility interconnection node located in an NXX serving area where Telephone Exchange service customer station loops are terminated for purposes of interconnection to trunks or other dedicated customer station loops also served out of that switching system or facility interconnection node. Included are Remote Switching Modules and Remote Switching Systems served by a host office in a different wire center.	(X) (X)
End Office Switches—Are used to terminate customer station links for the purpose of interconnection to each other and to trunks.	(N) (N)
End User—Any customer of an intrastate telecommunications service that receives dial tone from the Telephone Company or TC to originate calls for termination into the public switched network and is not a carrier, except that a carrier shall be deemed to be an end user to the extent that such carrier uses a telecommunications service for administrative purposes.	(X) (T) (X)
Entry Switch—See First Point of Switching.	(N)
Estimated Cost—All estimated costs that the Telephone Company anticipates will be incurred in its providing special construction to meet a specific request.	
Exchange—A unit, generally smaller than a Local Access and Transport Area (LATA), established by the Telephone Company for the administration of communications service in a specified area which usually embraces a city, town or village and its environs. It generally consists of one or more central offices together with the associated facilities used in furnishing communications service within that area. One or more designated exchanges comprise a given LATA.	(N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Exchange Access—The offering of access to telephone exchange services or facilities for the purposes of the origination or termination of telephone toll services.	
Exchange Message Record (EMR)—The standard used for exchange of telecommunications messages information among telecommunications providers for billable, non-billable, sample, settlement and study data. EMR format is contained in Bellcore Publication BR-010-200-010 CRIS Exchange Message Record.	(N) (N)
Exchange Telephone Company—The Telephone Company, TCs, or independent telephone company.	(T)
Exit Message—An SS7 message sent to an end office by the Telephone Company's tandem switch to mark the carrier connect time when the Telephone Company's tandem switch sends an initial address message to an interexchange customer.	(N)
Facilities—Any cable, poles, conduit, microwave or carrier equipment, wire center distribution frames, central office switching equipment, etc., utilized to provide the services offered in this tariff.	
Fiber Meet—An interconnection architecture method whereby the Telephone Company physically interconnects its network via an optical fiber interface (as opposed to an electrical interface) to the telecommunications network of another TC at any mutually agreed upon location, limited only by technical feasibility and the availability of facilities.	
First Come – First Served—A procedure followed where the first service order received will be the first service order processed. An order is considered to be received when the Telephone Company has complete and accurate information, as required for the services ordered under other sections of this tariff, to accept and process the order.	
First Point of Switching—The first Telephone Company location at which switching occurs on the terminating path of a call proceeding from the TC's premises to the terminating central office.	
Force Majeure Event—Any cause beyond the reasonable control of any party, including, without limitation, acts of nature, acts of civil or military authority, government regulations, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, strikes, equipment failure, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation carriers.	(N)
Group Routings—The translations, routings and screenings the Telephone Company must perform at its end offices and tandems to make the customer's network operate according to the customer's specifications	

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

High-Bit Rate Digital Subscriber Line (HDSL)—A transmission technology which transmits over 2 twisted cable pairs up to a DS1-level signal, using any one of the following line codes: (I) binary/1 quartenary (2B1Q), (ii) carrierless AM/PM, (iii) discrete multitone (DMT); or (iv) binary/1 octel (3BO). Only unloaded and non-repeated twisted cable pairs that do not exceed a technical length limitation can support HDSL capabilities. (N)

Host Office—An electronic/digital switching system which provides call processing capabilities for one or more remote switching modules or remote switching systems.

Immediately Available Funds—A corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, and U.S. Postal Money Orders. (N)

Incumbent Local Exchange Carrier (ILEC)—With respect to an area, the local exchange carrier that (T)

(a) on the date of enactment of the Telecommunications Act of 1996, provided telephone exchange service in such area; and
(b)(1) on such date of enactment, was deemed to be a member of the Exchange Carrier Association pursuant to section 69.601(b) of the FCC's regulations (47 C.F.R. 69.601(b)); or
(b)(2) is a person or entity that, on or after such date of enactment, became a successor or assign of a member described in clause (1).
For purposes of this tariff, the Telephone Company is the ILEC in the current areas of the state in which it presently provides local exchange service.

Information Service—As defined in the Act means the offering of a capability for generating, acquiring, storing, transforming, processing, retrieving, utilizing, or making available information via telecommunications, and includes electronic publishing, but does not include any use of any such capability for the management, control or operation of a telecommunications system or the management of a telecommunications service. (N)

Initial Address Message—An SS7 message sent in the forward direction to initiate trunk set up with the busying of an outgoing trunk which carries the information about that trunk along with other information relating to the routing and handling of the call to the next switch.

Integrated Digital Loop Carrier (IDLC)—A subscriber loop carrier system which integrates within the switch, generally at a DS1 level, twenty-four (24) local link (loop) voice grade equivalent transmission paths combined into a 1.544 Mbps digital signal. Depending on the specific technology deployed in the Telephone Company's network, it may be possible to provide IDLC at higher than the DS1 level, which in turn would provide for a level of capacity greater than twenty-four local link (loop) voice grade equivalent transmission paths.

Integrated Services Digital Network (ISDN)—A switched network capability that supports services that are designed to provide end-to-end digital connectivity for the simultaneous transmission of voice and data. Basic Rate Interface-ISDN (BRI-ISDN) provides for a digital transmission of two 64 kbps bearer channels and one 16 kbps data channel (2B+D). Primary Rate Interface-ISDN (PRI-ISDN) provides for a digital transmission of twenty-three 64 kbps bearer channels and one 64 kbps data channel (23B+D). (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Interconnection—As described in the Act and refers to the connection of network, equipment, or facilities of the Telephone Company with the network, equipment, or facilities of another TC for the purpose of transmission and routing of telephone exchange service traffic and exchange access traffic.	(X) (X) (X)
Interexchange Carrier (IXC)—A carrier that provides, directly or indirectly, interLATA or intraLATA telephone toll services.	(N) (N)
InterLATA Service—As defined in the Act means telecommunications between a point located in a LATA and a point outside such area.	(X) (X)
Interstate Communications—Both interstate and foreign communications.	(N)
IntraLATA Service—Means telecommunications between two points located within the same LATA.	
Intrastate Communications—Any communications within a state subject to oversight by a state regulatory commission as provided by the laws of the state involved.	
Legal Holiday—Days other than Saturday or Sunday for which the Telephone Company's administrative offices are normally closed. These include New Year's Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day and a day when Washington's Birthday or Memorial Day is legally observed and other locally observed holidays when the Telephone Company is closed.	
Local Access and Transport Area (LATA)—As defined in the Act, means a contiguous geographic area established before the date of the enactment of the Telecommunications Act of 1996 by a Bell operating company such that no exchange area includes points within more than 1 metropolitan statistical area, or state, except as expressly permitted under the AT&T Consent Decree; or established or modified by a Bell operating company after such date of enactment and approved by the FCC. For purposes of this tariff, the Telephone Company operates in a single LATA within New Hampshire which is LATA 122 – the State of New Hampshire. Telephone calls that originate and terminate within the LATA are classified as intraLATA intrastate calls. Calls that originate in the LATA and terminate in a different LATA in any other state or foreign country are classified as interLATA interstate calls.	
Local Exchange Carrier—As defined in the Act means any person that is engaged in the provision of telephone exchange service or exchange access. Such term does not include a person insofar as such person is engaged in the provision of a commercial mobile service under §332(c) of the Act except to the extent that the FCC finds that such service should be included in the definition of such term.	(N)
Local Exchange Service—Also referred to as Plain Old Telephone Service (POTS), this service supplies the end user with local dial tone and a telephone connection to the public switched telecommunications network (e.g., basic exchange lines, basic exchange trunks, digital PBX trunks, Centrex or Centrex-type station lines) and provides the end user a unique telephone number address on the public switched network.	(T) (X) (C) (C) (X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

Local Traffic— For calls between a landline competitive local exchange carrier and the Telephone Company, any intrastate call which is originated and terminated within a local calling area as defined in NHPUC No. 83, Part A, Section 6. IntraLATA calls originated on a presubscription basis or on a casual dialed (10XXX/101XXXX) basis, calls to ported numbers redirected from the Telephone Company to the TC or from the TC to the Telephone Company, and calls delivered to internet service providers are not considered local traffic. For calls between a CMRS provider and the Telephone Company, the term "Local Traffic" denotes any call between the end user of a CMRS provider and an end user of the Telephone Company that originates and terminates within the same Major Trading Area ("MTA"). (X) (C) (C) (C)

Local Link Transmission or Link—The entire transmission path which extends from the network interface/demarcation point at a customer's premises to the main distribution frame or other designated frame or panel in a LEC's wire center which serves the customer. Links are defined by the electrical interface rather than by the type of facility used. (N)

Losses—Any and all losses, costs (including court costs), claims, damages (including fines, penalties and criminal or civil judgments and settlements), injuries, liabilities and expenses (including attomeys' fees).

Main Distribution Frame (MDF)—The distribution frame of the LEC providing the link used to interconnect cable pairs and line and trunk equipment terminals on a switching system.

Major Trading Area (MTA) —An area defined by the FCC for the purpose of issuing licenses for PCS. Each MTA consists of several Basic Trading Areas ("BTA"). The United States is broken down into 51 major trading areas for economic purposes.

Meet Point Billing—The process whereby each of two or more LECs who are involved in the provision of switched exchange access service bills an appropriate tariff rate for its respective portion of jointly provided switched exchange access service to the interexchange carrier under terms among such LECs as agreed to in a separate agreement for switched access meet point billing. In general, there are four alternative meet-point billing arrangements possible, which are:

1) "single bill, single tariff" in which a single bill is presented to the interexchange carrier and each LEC involved applies rates for its portion of the service from the same tariff,
2) "multiple bill, single tariff" in which each involved LEC presents separate bills to the interexchange carrier and each carrier involved applies rates for its portion of the service from the same tariff,
3) "multiple bill, multiple tariff" in which each involved LEC presents separate bills to the interexchange carrier and each carrier involved applies rates for its portion of the service from its own unique tariff, and
4) "single bill, multiple tariff" in which a single bill is rendered to an interexchange carrier from all LECs who are jointly providing switched exchange access service. A single bill consists of all rate elements applicable to access services billed on one statement of charges under one bill account number using each LEC's appropriate access tariffs. The bill could be rendered by, or on behalf of, any of the LECs involved in the provision of service.

Message—A "call" as defined preceding. (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Municipal Calling Service—An arrangement provided on a non-optional basis to municipalities served by more than one exchange or locality where toll charges would normally apply. Calls between exchanges or localities serving the same municipality are not chargeable as toll except for sent-paid calls originating from coin telephones, non-sent paid calls originating from coin telephones and billed to other than a calling card, calls terminating at public telephones, or calls made to or from foreign exchange lines unless dial tone for the foreign exchange line is provided from a central office serving some portion of the municipality in which the foreign exchange line service address is located.	(N)
Network Control Signaling—The transmission of signals used in the telecommunications system which perform functions such as supervision (control, status, and charge signals), address signaling (e.g., dialing), calling and called number identifications, rate of flow, service selection error control and audible tone signals (call progress signals indicating re-order or busy conditions, alerting, coin denominations, coin collect and coin return tones) to control the operation of the telecommunications system.	(N)
Network Design Request—A procedure that establishes the TC's initial presence in a switch. A Project Manager coordinates the meeting which will be attended by the TC's technical and administrative team and representatives from each Telephone Company department involved in developing the technical, administrative, and legal/regulatory requirements. Time frames for completion will be negotiated between the Account Team and the TC. An NDR is required prior to a TC ordering any unbundled line ports.	(X) (X)
Network Element—As defined in the Act means a facility or equipment used in the provision of a telecommunications service. Such term also includes features, functions, and capabilities that are provided by means of such facility or equipment, including subscribers numbers, databases, signaling systems, and information sufficient for billing and collection or used in the transmission, routing, or other provision of a telecommunications service.	(N)
North American Numbering Plan (NANP)—The numbering plan used in the United States, Canada, Bermuda, Puerto Rico and certain Caribbean Islands. The NANP format is a 10-digit number that consists of a 3-digit NPA code (commonly referred to as the area code), followed by a 3-digit NXX code and the 4-digit line number. Both the 10-digit number and the last 7 digits of it are generally referred to as a telephone or local telephone number.	
Number Portability—As defined in the Act means the ability of users of telecommunications services to retain, at the same location, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one TC to another.	
NXX—The three-digit code which appears as the first three digits of a seven-digit telephone number, where N has a number value of 2-9 and X has a number value of 0-9.	
NXX Serving Area—A geographic area where end users assigned telephone numbers within a given NXX code are located. V and H coordinates of the NXX serving area are the same as that of the geographic area.	(N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

Off-hook—The active condition of switched access or a telephone exchange service line. (N)

On-hook—The idle condition of a switched access or a telephone exchange service line.

Point of Presence—A physical location within a LATA at which an access customer establishes itself for the purposes of obtaining LATA access and to which the LEC provides access service. (N)

Point of Termination—The demarcation point in an NXX serving area at which the Telephone Company's provision of service ends. The point of demarcation is the point of interconnection between Telephone Company communications facilities and TC-provided facilities. The Telephone Company's designated point of termination for TC traffic terminated to the Telephone Company shall be the point of termination bay for a collocated interconnection node or a comparable alternative arrangement provided under an individual case basis arrangement located in the terminating end user's end office or its designated serving access tandem. TCs purchasing services out of this tariff must reciprocally make available to the Telephone Company at least one designated POT in each NPA in each LATA in which it has local exchange end users. (X) (T) (T) (X) (C) (C) (C)

Point of Termination Bay (POT)—The intermediate distributing frame system which serves as the point of demarcation for physically collocated interconnection. POT Bay terminations are provided with either, or both, analog/voice frequency and/or digital capabilities. (T) (C) (C)

Port—A line card (or equivalent) and associated peripheral equipment on an end office switch which serves as the interconnection between individual loops or individual customer trunks and the switching components of an end office switch and the associated switching functionality in that end office switch. Each port is typically associated with one (or more) telephone number(s) which serves as the customer's network address. The port element is part of the provision of the unbundled local switching element. A port includes available line features (such as Call Forwarding, Call Waiting, etc.) but does not include optional switch features or switching functionality. (X) (X) (X) (X) (C) (C) (C)

POTS Traffic—IntraLATA exchange service traffic (local calls, Message Telephone Service (MTS) calls, and 800 dialed calls with local translated numbers) which originates at the valid NXXs served by a TC's network and terminates at the NXXs served by the Telephone Company's network. Operator, directory, 500, 700, 900, 911 and interLATA traffic are not considered to be local traffic for purposes of this tariff. IntraLATA calls carried by a TC that do not originate from that TC's valid NXX in the LATA are also not included in this definition. Moreover, this definition does not include exchange access, cellular and other wireless traffic. Exchange service shall be a service which supplies the user with local dial tone and a telephone connection to, and a unique telephone number address on the public switched telecommunications network (e.g., basic exchange lines, basic exchange trunks, digital PBX trunks, Centrex or Centrex-type station lines). (X)(T) (T) (T) (T) (X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

Premises—A building or buildings on continuous property (except railroad right-of-way, etc.) or an occupied structure not separated by a public highway. (N)

Public Access Smart-pay Line (PASL) - PASL is a class of main telephone exchange service offered to payphone providers for use by the general public. This service is available in suitably equipped central offices where sufficient facilities exist.

Rate Center—The specific geographic point which has been designated by a given LEC as being associated with a particular NPA-NXX code which has been assigned to the LEC for its provision of telephone exchange service. The rate center is the finite geographic point identified by a specific V&H coordinate which is used by that LEC to measure, for billing purposes, distance sensitive transmission services associated with the specific rate center. For purposes of classifying traffic (calls) as local or toll – for application of reciprocal compensation and toll dialing parity – between the customers of the Telephone Company and another party, rate centers will be identical for both the Telephone Company and that party and will comport with the Telephone Company's existing rate centers as defined in the tariffs on file and approved by the Commission. Rate Centers for the above stated purposes will remain identical until such time as a Telecommunications Carrier who has extended into an interconnection agreement with the Telephone Company is expressly permitted by the Commission to establish non identical Rate Centers within an area for the express purposes noted herein. When Interconnection is provided under this tariff, the Telephone Company and the Requesting Telecommunications Carrier will have identical Rate Centers that will comport with the Telephone Company's existing Rate Centers as defined in the tariffs on file and approved by the Commission.

Reciprocal Compensation—As described in the Act, refers to the payment arrangements that recover costs incurred for the transport and termination of local telecommunications originating on one carrier's network and terminating on the other carrier's network. Local telecommunications traffic is traffic originated by a customer of one carrier on that carrier's network that terminates to a customer on another carrier's network within a given local calling area or expanded area service area as defined in the Telephone Company's effective tariffs. Local telecommunications traffic does not include internet traffic. Internet traffic means any traffic that is transmitted to or returned from the internet at any point during the duration of a transmission.

Reciprocal Compensation Call or Reciprocal Compensation Traffic—A telephone exchange service call completed between the companies which qualifies for reciprocal compensation pursuant to the terms of this tariff and any prevailing Commission rules that may exist. (N)

Requesting TC—A TC that has placed an order for the purchase of services under this tariff, and has the appropriate legal authority to utilize such services in the offering of telecommunications services to its own customers. (X) (X) (X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

Responsible Organization (Resp Org)—That entity which is responsible for the management and administration of an 800 number record in the 800 Service management System (SMS) (N)

Routing Point—A location which a LEC has designated on its own network as the homing (routing) point for inbound traffic to one or more of its NPA-NXX codes. The routing point is also used to calculate mileage measurements for the distance-sensitive transport element charges of switched exchange access services. Pursuant to Bellcore Publication BR 795-100-100 (the "Bellcore Publication"), the routing point (referred to as the "rating point" in such Bellcore Publication) may be an end office switch location or a LEC Consortium Point of Interconnection. Pursuant to such Bellcore Publication, each LEC Consortium Point of Interconnection shall be designated by a common language identifier (CLLI) code with (x) KD in positions 9, 10, 11, where (x) may be any alphanumeric A-Z or 0-9. The routing point must be located within the LATA in which the corresponding NPA-NXX is located. However, routing points associated with each NPA-NXX need not be the same as the corresponding rate center, nor must there be a unique and separate routing point corresponding to each unique and separate rate center, provided only that the routing point associated with a given NPA-NXX must be located in the same LATA as the rate center associated with the NPA-NXX. (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Service Control Point (SCP)—A component of the signaling network that acts as a database to provide information to another component of the signaling network (i.e., Service Switching Point or another SCP) for processing or routing certain types of network calls. A query/response mechanism is typically used in communicating with an SCP.	(X)(T) (X)
Service Management System (SMS)—Allows provision and updating of information on subscribers and services in near-real time for billing and administrative purposes.	(N)
800 SMS—The national database SMS that retains all 800 records.	
Service Switching Point—A signaling point that is capable of initiating database queries.	(N)
Signal Transfer Point (STP)—A component of the SS7 signaling network that performs message routing functions and provides information for the routing of messages between signaling network components. An STP transmits, receives and processes CCS messages and it is a packet switch that utilizes the SS7 protocol.	(X)(T)
Signaling System Seven or SS7—An internationally standardized, general purpose Common Channel Signaling protocol.	(T)
Signaling System Seven (SS7) Network—A digital data network carrying signaling information which interfaces with the Telephone Company voice/data network for services using the American National Standards Institute (ANSI) Common Channel Signaling 7 (CCS7) signaling protocol.	(T)
Signaling Point—A switch that is capable of supporting SS7 signaling.	
Signaling Point of Interconnection—The customer designated location, in the same LATA as the Telephone Company STP, where SS7 signaling information is exchanged between the Telephone Company and the TC.	
Strapping—The act of installing a permanent connection between a POT bay and a collocated party's physical collocation node.	(X)
Subtending End Office of an Access Tandem—An end office that has final trunk group routing through that tandem.	(N) (N)
Switched Exchange Access Service—The offering of transmission or switching services to TCs for the purpose of the origination or termination of telephone toll service. Switched exchange access services, which are offered under NHPUC No. 85 and FCC No. 11 tariffs, include Feature Group A, Feature Group B, Feature Group D, 800/888 access, 900 access and their successors or similar switched exchange access services.	(X) (X)
Switching Point Code—A nine character, numeric code that identifies a switch that is supported by SS7 signaling.	(N)
Synchronous Optical Network or SONET—An optical interface standard that allows for transporting many different digital signals using a basic building block or base transmission rate of 51.84 Mbps (OC-1) ({Optical Carrier} /STS-1 {Synchronous Transport Signal} and higher rates are direct multiples of the base rate, such as OC-3/STS-3 which is equal to three times the base transmission rate.	(N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions

Tandem—The customer designated location, in the same LATA as the Telephone Company STP, where SS7 signaling information is exchanged between the Telephone Company and the telecommunications carrier. Tandem switches are Class 4 switches which provide interconnection between other switches in the network. While the physical switch(es) may serve an end office function, the tandem functionality is strictly that which provides interconnection between end offices. It does so in cases where direct trunk groups are not economically justified, or when the network configuration indicates alternate routing is economically justified. (Ref: BCR SR-TSV-002275, BOC Notes on the LEC Networks). (C) (C)

Tandem Signaling—All the signaling and data elements necessary for identifying by FGD switched access customer or a TC, each access or TC call in the routing of multi-FGD traffic via common transport to an access tandem. (N)

Tandem Transit Service—An offering provided by the Telephone Company to requesting competitive LECs that enables the TC whose customer originated an intraLATA call destined for a customer of another LEC (not a customer of the Telephone Company) to utilize a Telephone Company tandem switch as a means of establishing connectivity with the terminating competitive LEC. Tandem transit service is not applicable to calls that utilize an interexchange carrier for which interconnection with either the originating and/or terminating LEC(s) are provided pursuant to meet point billing, while service to the interexchange carrier is provided pursuant to switched exchange access service tariffs or other applicable contract arrangements. (N)

Technically Feasible Points—Points at which it is technically or operationally feasible or possible to interconnect with or access the Telephone Company network without either creating a legitimate threat to the reliability or security of the Telephone Company's network or precluding the Telephone Company from maintaining responsibility for the management, control, and performance of its network.

Telecommunications—As defined in the Telecommunications Act of 1996, the transmission between or among points specified by the user of information of the user's choosing, without change in the form or content of the information as sent and received.

Telecommunications Carrier or TC—A common carrier that meets the following criteria: (1) has been authorized by the Commission to provide local exchange services as a facilities-based carrier, (2) provides dial tone and local exchange service under tariff within the State of New Hampshire, (3) provides reciprocal interconnection arrangements under contract to all local exchange carriers upon request, (4) provides access to E-911 services and statewide relay service, (5) complies with industry standards on all matters such as technical interconnection standards and billing standards, (6) participates in intercarrier compensation arrangements and provides data for such arrangements required according to industry standards and practices, and (7) complies with other applicable requirements set forth in PUC 1300 Local Telecommunications Competition Rules or any other applicable Commission rules. Such term does not include aggregators of Telecommunications Services (as defined in Section 226 of the Act). A Telecommunications Carrier shall be treated as a common carrier under the Act only to the extent that it is engaged in providing Telecommunications Services, except that the FCC shall determine whether the provision of fixed and mobile satellite service shall be treated as common carriage. Synonymous with the term CLEC. (N) (N)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
TC Location — The point where the Telephone Company terminates the Telephone Company's unbundled interoffice transmission facilities.	(N) (N)
Telecommunications Act—The Telecommunications Act of 1996 and any rules and regulations promulgated thereunder.	(X)
Telecommunications Service—As defined in the Telecommunications Act of 1996, the offering of telecommunications for a fee directly to the public, or to such classes of users and to be effectively available directly to the public, regardless of the facilities used to transmit the telecommunications service.	
Telephone Company—Verizon New England Inc. unless otherwise stated. Verizon New England Inc. also does business under the name Verizon New Hampshire. Advertising and billing of customers are done under the name Verizon New England Inc.	
Telephone Exchange Service—As defined in the Act means: (a) service within a telephone exchange, or within a connected system of telephone exchanges within the same exchange area operated to furnish to subscribers intercommunicating service of the character ordinarily furnished by a single exchange, and which is covered by the exchange service charge, or (b) comparable service provided through a system of switches, transmission equipment, or other facilities (or combination thereof) by which a subscriber can originate and terminate a telecommunications service.	(X)
Telephone Exchange Service Call or Telephone Exchange Service Traffic—A call completed between two telephone exchange service customers of two local exchange carriers located in the same LATA, originated on one party's network and terminated on the other party's network where such call was not carried by a third party as either a presubscribed call (1+) or a casual dialed (101XXXX) call. Telephone exchange service traffic is transported over traffic exchange trunks.	(C) (X)
Telephone Toll Service—As defined in the Act means telephone service between stations in different exchange areas for which there is a separate charge not included in contracts with subscribers for exchange service. For purposes of this tariff, all calls for which toll dialing parity applies are considered telephone toll service calls and all calls for which toll dialing parity does not apply are not considered as telephone toll service calls.	(X)

1. Tariff Information and General Regulations
1.3 Tariff Terminology

1.3.2 Definitions	
Transmission Path—An electrical path capable of transmitting signals within the range of the service offering, e.g., a voice grade transmission path is capable of transmitting voice frequencies within the approximate range of 300 to 3000 Hz. A transmission path is comprised of physical or derived channels consisting of any form or configuration of facilities used in the telecommunications industry.	(N) (N)
Trunk—A transmission path connecting two switching systems in a network, used in the establishment of an end-to-end connection.	
Trunk Circuit Identification Code (TCIC)—The number assigned to each switched trunk to identify it to the SS7 signaling system.	(N)
Trunk Group—A set of trunks which are traffic engineered as a unit for the establishment of connections between two specific switching systems in which all the communications paths are interchangeable.	
Trunk Side Connection—The connection of a transmission path to the trunk side of a local exchange switching system or a tandem switching system.	(N)
Universal Service Order Code (USOC)—A three or five character alphabetic, numeric, or an alphanumeric code that identifies a specific item of service or equipment. Uniform Service Order Codes are used in the Telephone Company's billing system to generate recurring rates and nonrecurring charges.	(T)
User Service Information (USI) Parameter—A mandatory SS7 parameter which carries bearer capability information. It is contained in the SS7 initial address message and is used for call routing. The USI parameter specifies the transmission requirements of a call.	(N)
V and H Coordinates Method—A method of computing airline miles between two points by utilizing an established formula which is based on the vertical and horizontal coordinates of the two points.	
Wire Center—An occupied structure or portion thereof in which a Telephone Company or another LEC has the exclusive right of occupancy and which serves as a routing point for switched exchange access service and is the premises at which is located one or more local end office switches and is a point at which links (loops) used to provision customer's local exchange service converge for a given area.	(N)

1. Tariff Information and General Regulations
1.4 Application of Tariff

1.4.1	Scope	
A.	This tariff sets forth the terms, conditions, and pricing under which a requesting TC and the Telephone Company will interconnect their respective networks and the manner in which the requesting TC can purchase and the Telephone Company will provide access to unbundled network elements and ancillary telecommunications services to enable a requesting TC to provide telecommunications services consistent with Section 251 of the Act. The rights and obligations of a requesting TC and the Telephone Company hereunder shall apply, unless otherwise set forth herein, throughout the entire Telephone Company service area within the State of New Hampshire.	(C) (C)
B.	Failure of the Telephone Company to enforce or insist upon compliance with any provision of this tariff shall not constitute a waiver of its right to enforce future compliance with that provision or compliance with any other provision hereof.	
C.	No retroactive changes or declarations will be accepted with respect to the rating, re-rating, or reclassification of existing services.	
D.	Except as expressly provided under this tariff, no party makes or receives any warranty, express or implied, with respect to the services, functions and products it provides under or contemplated by this tariff and the parties disclaim all implied warranties of merchantability and of fitness for a particular purpose.	(N)

1.4.2	Options to Obtain Interconnection Services, Access to Unbundled Network Elements or Ancillary Telecommunications Services	
A.	If the Telephone Company enters into an agreement approved by the Commission or the FCC pursuant to Section 252 of the Act which provides for the provision in the State of New Hampshire of arrangements covered in this tariff to another requesting TC (the "Other Agreement"), then subject to the terms and conditions in this Section 1.4.2, the Telephone Company shall make available to the requesting TC such arrangement upon the same rates, terms and conditions as those provided in the Other Agreement. At its sole option, the requesting TC may avail itself of either (i) the Other Agreement in its entirety; or (ii) the prices, terms and conditions contained in the Other Agreement that relate to any one or combination of the following.	
1.	Interconnection – Section 251(c)(2) of the Act; or	
2.	Exchange Access – Section 251(c)(20) of the Act; or	
3.	Unbundled Access – Section 251(c)(3) of the Act; or	
4.	Resale – Section 251(c)(4) of the Act; or	
5.	Collocation – Section 251(b)(6) of the Act; or	
6.	Number Portability – Section 251(b)(2) of the Act; or	
7.	Access to Rights of Way – Section 251(b)(4) of the Act; or	
8.	Directory Services – Section 251(b)(3) of the Act.	(N)

1. Tariff Information and General Regulations
1.4 Application of Tariff

1.4.2	**Options to Obtain Interconnection Services, Access to Unbundled Network Elements, Resale Telecommunications Services or Ancillary Telecommunications Services**	(N)
B.	If the requesting TC enters into an agreement with another TC approved by the Commission or the FCC pursuant to Section 252 of the Act, then the requesting TC shall offer the same interconnection services and network elements to the Telephone Company under the same terms and conditions as those provided in such other agreement to the full extent required by Section 252(I) of the Act.	
C.	Notwithstanding the terms and provisions of Section 1.4.2A and B preceding, in the event that as a result of any decision, order or determination of any judicial or regulatory authority, it is determined that all or any portion of Section 1.4.2A and B preceding are found invalid or unenforceable, the parties agree to abide by such decision, order or determination to the extent Section 1.4.2A and B conflict with such decision, order or determination.	

1.4.3	**Government Compliance**	
A.	The provisions of this tariff are subject in their entirety to the applicable provisions of the Act and any other orders, restrictions and requirements of governmental and regulatory authorities with jurisdiction over the subject matter thereof and, in the event of any direct conflict between the provisions of this tariff and such orders, restrictions or requirements of such governmental and regulatory authorities that renders compliance with such provisions of this tariff unlawful, such orders, restriction or requirements of such authorities shall prevail.	
B.	Notwithstanding anything herein to the contrary, if, as a result of any decision, order or determination of any judicial, regulatory or other governmental authority with jurisdiction over the subject matter hereof, it is determined that the Telephone Company is not required to furnish any service, facility or arrangement, or to provide any benefit required to be furnished or provided to the TC hereunder, then the Telephone Company may discontinue the provision of any such service, facility, arrangement or benefit to the extent permitted by any such decision, order or determination by providing thirty (30) days prior written notice to the TC.	(N)

1. Tariff Information and General Regulations
1.5 Use of Service

1.5.1	Scope	
A.	A TC, its customer, joint user, or authorized user may not assign, or transfer the service, without the written consent of the Telephone Company. The Telephone Company will permit a TC to transfer its existing service to another TC if the existing TC has paid all charges owed to the Telephone Company. When physical or software network changes are involved, such a transfer will be treated as a disconnection of existing service and installation of new service, and service order installation charges will apply. When only administrative activity is involved, administrative NRCs will apply.	(C) (C)
B.	**Delegation or Assignment**—Neither Party may assign or transfer (whether by operation of law or otherwise) all or any of its rights or obligations hereunder to a third party without the prior written consent of the other Party; provided, however, each Party may assign this agreement to an Affiliate or an entity under its common control or an entity acquiring all or substantially all of its assets or equity by providing prior written notice to the other Party of such assignment or transfer. Any attempted assignment or transfer that is not permitted hereunder shall be void ab initio. All obligations and duties of any Party shall be binding on all successors in interest and assigns of such Party.	(N) (N)

1.5.2	Lawful Use
A.	The service provided under this tariff shall not be used for an unlawful purpose.
B.	The Telephone Company reserves the right to discontinue service without notice or refuse service because of abuse or fraudulent use of service. The Telephone Company will seek legal recourse as it deems necessary in order to recover any costs incurred as a result of such abuse or fraudulent use of service. Abuse or fraudulent use of service includes but is not limited to the following actions.
1.	Misuse of ANI information.
2.	Fraudulent transmission and misrepresentation of interLATA traffic on CLEC or POTS trunks.
3.	Fraudulent end user orders for transfer of service.
4.	Fraudulent use of the Telephone Company's network in association with a collocation arrangement.

1.5.3	Title or Ownership Rights	
A.	The payment of rates and charges by TCs for the services provided under the provisions of this tariff does not assign, confer or transfer title or ownership rights to proposals or facilities developed or utilized, respectively, by the Telephone Company in the provision of such services.	(T) (T)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.1	Scope
A.	The Telephone Company does not undertake to transmit messages under this tariff.
B.	The Telephone Company does not warrant that its facilities and services meet standards other than those set forth in this tariff.
C.	The provision of services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the TC for the furnishing of any service. (T)

1.6.2	Liability
A.	The Telephone Company shall not be liable to the TC or the TC's customers for any interruption of the TC's service or for interference with the operation of the TC's facilities arising in any manner out of the TC's use of space in the Telephone Company's central offices, unless caused by the Telephone Company's willful misconduct.
B.	With respect to any other claim or suit, by a CLEC or by any others, for damages associated with the installation, provision, termination, maintenance, repair or restoration of service, and subject to the following provisions, the Telephone Company's liability, if any, shall not exceed an amount equal to the proportionate charge for the service for the period during which the service was affected. This liability for damages shall be in addition to any amounts that may otherwise be due the CLEC under this tariff as a credit allowance for a service interruption.
C.	The Telephone Company shall not be liable for any act or omission of any other CLEC or party providing a portion of a service, nor shall the Telephone Company for its own act or omission hold liable any other CLEC or party providing a portion of a service.
D.	The Telephone Company is not liable for damages to the premises of the CLEC or to the CLEC's facilities resulting from the furnishing of a service, including the installation and removal of equipment and associated wiring, unless the damage is caused by the Telephone Company's negligence or willful misconduct.

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.2	Liability	
E.	The liability of the Telephone Company for damages arising out of mistakes, omissions, interruptions, delays, errors or defects in transmission, or failures or defects in facilities furnished by the Telephone Company occurring in the course of furnishing service or other facilities and not caused by the negligence of the TC, or by the Telephone Company in failing to maintain proper standards of maintenance and operation and to exercise reasonable supervision shall in no event exceed an amount equivalent to the proportionate charge to the TC for a period of service during which such mistake, omission, interruption, delay, error or defect in transmission or failure or defect in facilities occur.	(X) (T) (T) (X)
1.	No liability shall attach to the Telephone Company for damages arising from errors, mistakes, omissions, interruptions, or delays of the Telephone Company, its agents, or employees, in the course of establishing, furnishing, rearranging, moving, terminating, or changing the telecommunications services or facilities (including the obtaining or furnishing of information in respect thereof or with respect to the subscribers or users of the telecommunications service or facilities) in the absence of gross negligence or willful misconduct.	(N) (N)
F.	The Telephone Company does not guarantee or make any warranty with respect to its services when used in an explosive atmosphere. The Telephone Company shall be indemnified, defended and held harmless by the TC from any and all claims by any person relating to the TC's use of services so provided.	(X) (T) (X)
G.	No license under patents (other than the limited license to use), copyrights or any other intellectual property right is granted by either party or shall be implied or arise by estoppel, with respect to any transactions contemplated under this tariff. The Telephone Company will defend the CLEC against claims of patent infringement arising solely from the use by the CLEC of services offered under this tariff and will indemnify such CLEC for any damages awarded based solely on such claims. The requesting TC agrees that the rights granted by the Telephone Company hereunder shall, where applicable, be subject to the restrictions, if any, contained in any current software license agreements between the Telephone Company and the Telephone Company's software vendors. From and after the effective date of this tariff, the Telephone Company shall not enter into any software license agreements that would materially impair its ability to perform its obligations hereunder; provided, however, that the Requesting Telecommunications Carrier acknowledges that functions and features made available to it hereunder through the use of third party proprietary products may involve additional terms and conditions and/or separate licensing to the Requesting Telecommunications Carrier. With respect to any agreements entered in after the Effective Date, the Telephone Company shall exercise reasonable efforts to avoid any unreasonable restrictions in such use of the software.	(C) (C) (X)(T) (X) (C) (N) (N)
H.	The Telephone Company's failure to provide or maintain services under this tariff shall be excused by labor difficulties, governmental orders, civil commotions, criminal actions taken against the Telephone Company, acts of God, and other circumstances beyond the Telephone Company's reasonable control, subject to the credit allowance for a service interruption as set forth in Part A, Section 4.3.	(X) (C) (X)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.2	Liability	
I.	The Telephone Company shall be responsible only for the installation, operation and maintenance of the services it provides.	(X)
J.	The Telephone Company shall not be held responsible for any claims arising from the CLEC's failure to provide accurate information required to accurately populate E911 databases, or the CLEC's failure to provide timely E911 information updates.	
K.	For 911/E911 optional services, the Telephone Company assumes no liability for any infringement, or invasion of any right of privacy of any person or persons caused, or claimed to be caused directly or indirectly by the user of 911/E911.	
L.	In the absence of gross negligence or willful misconduct, no liability for damages to the purchasing CLEC shall attach to the Telephone Company for its action or conduct of its employees in providing recording service.	(X)
M.	The Telephone Company shall not be liable to the TC or its customers in connection with the provision or use of the services provided under this tariff for indirect, incidental, consequential, reliance or special damages, including (without limitation) damages for lost profits, regardless of the form of action, whether in contract, indemnity, warranty, strict liability, or tort, including (without limiation) negligence of any kind.	(N)
N.	The Telephone Company shall not be liable for any act or omission of any other entity furnishing to the TC facilities, equipment, or services used in conjunction with the services provided in this tariff. Nor shall the Telephone Company be liable for any damages or losses due to unauthorized use of the services or the failure or negligence of the TC or TC end user, or due to the failure of equipment, facilities, or services provided by the TC or its end user.	(N)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.3	Collocation Liability and Indemnification	(N)
A.	Neither party shall be liable to the other or to any third party for any physical damage to each other's facilities or equipment within the central office, unless caused by the gross negligence of the party's agents or employees. In the case of acts of gross negligence by the CLEC, its employees or its agents, the CLEC is responsible for damages incurred by the Telephone Company in order to repair the Telephone Company's facilities or equipment.	
B.	The Telephone Company shall indemnify, defend and save harmless the CLEC from and against any and all losses, claims, demands, causes of action and costs, including attorneys' fees, whether suffered, made, instituted or asserted by the Telephone Company or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees' disability and death benefits, which may arise out of or be caused by the Telephone Company's provision of service within or on the exterior of the central office or by an act or omission of the CLEC, its employees, agents, former or striking employees, or contractors, in connection therewith, unless caused by gross negligence or willful misconduct on the part of the CLEC.	
C.	The Telephone Company represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, in connection with its provision of service within or on the exterior of the central office, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. The Telephone Company shall indemnify, defend, and hold harmless the CLEC, its directors, officers, employees, agents or contractors, from and against any and all claims, cost, expense or liability of any kind including but not limited to reasonable attorney's fees resulting from or arising out of any breach of the foregoing provision.	
D.	The Telephone Company and the CLEC shall each be responsible for all persons under their control or agents working in compliance herewith, satisfactorily, and in harmony with all others working in or on the exterior of the central office and, as appropriate, cable space.	
E.	The Telephone Company shall have the right to terminate a collocation arrangement at any time with respect to any area of the Telephone Company central office premises which becomes the subject of a taking by eminent authority having such power. When feasible, the Telephone Company shall provide the CLEC with 180 days written notice of such termination and identify the schedule by which the CLEC must proceed to have CLEC provided equipment or property removed from the multiplexing node and associated cable and conduit. The CLEC shall have no claim against the Telephone Company for any relocation expenses, any part of any award that may be made for such taking or value of any unexpired arrangement that results from a termination by the Telephone Company under this provision, or any loss of business from full or partial interruption or interference due to any such termination. Nothing herein shall be construed as preventing the CLEC from making its own claim against the eminent authority ordering the taking of the collocated space area of the Telephone Company office premises for the CLEC's relocation expenses.	(N)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.3	Collocation Liability and Indemnification
F.	If at any time the Telephone Company reasonably determines that any CLEC's facilities or equipment or the installation of the CLEC's facilities or equipment does not meet the requirements of this tariff, the CLEC will be responsible for the costs associated with the removal or modifications of such facilities to render it compliant. If the CLEC fails to correct any noncompliance with these standards within fifteen days' written notice to the CLEC, the Telephone Company may have the facilities or equipment removed or the condition corrected at the CLEC's expense.
G.	If the Telephone Company reasonably determines that any CLEC's activities, equipment or facilities are unsafe, or are in violation of any applicable fire, environmental, health, safety or other laws or regulations, or pose an immediate threat to the safety of the Telephone Company's employees or others or to the Telephone Company's network, the Telephone Company has the right to immediately stop such activities or the operation of such facilities or equipment without prior notice. The CLEC will be charged for any costs incurred as a result of such actions.

1.6.4	Provision of Service
A.	The use, installation and restoration of services shall be in accordance with Part 64.401, Appendix A, of the FCC's rules and regulations, which specifies the priority system for such activities. Subject to compliance with those rules, where a shortage of facilities or equipment exists at any time, either for temporary or protracted periods, the services offered herein will be provided to CLECs on a first-come, first- served basis.
B.	Interconnection services which are provided by means of wire, fiber optic, radio or any other suitable technology or a combination thereof, are offered under the provisions of this tariff subject to availability.
C.	The Telephone Company reserves the right to refuse an application for service made by, or for the benefit of, a former CLEC, its majority or minority owners or affiliates who are indebted to the Telephone Company for telephone service previously furnished, until the indebtedness is satisfied.
1.	In the event that service is connected for a CLEC who is indebted to the Telephone Company for service previously furnished to the CLEC, the Telephone Company will notify the CLEC in writing via Certified US Mail, that the service will be terminated by the Telephone Company unless the CLEC satisfies the indebtedness within 10 days of the date of the CLEC's receipt of such written notification.
D.	Taxes (N)
1.	In the event federal, state or local taxes are charged to the Telephone Company associated with the provision of local services or other services described in this tariff, the Telephone Company will pass them through to the TC.
2.	TCs exempt from specific taxes must present the Telephone Company with a valid certificate of exemption from the taxing authority; otherwise all taxes will be added to customer bills in addition to rates and charges herein. (N)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.5	Automatic Number Identification (ANI)	
A.	ANI information and its SS7 equivalent relating to a telephone subscriber, where provided in this tariff or under reciprocal arrangements whereby a TC completes traffic originated from a Telephone Company end user, is provided to the TC or its customer (ANI recipient) in accordance with the following terms and conditions.	(C) (T) (T)
1.	The ANI recipient or its designated billing agent may use or transmit ANI information to third parties for billing and collection, routing, screening, ensuring network performance, and completion of a telephone subscriber's call or transaction, or for performing a service directly related to the telephone subscriber's original call or transaction.	
2.	The ANI recipient or its designated billing agent is prohibited from utilizing ANI information to establish marketing lists or to conduct outgoing marketing calls, unless the ANI recipient obtains the prior written consent of the telephone subscriber permitting the use of ANI information for such purposes. The foregoing regulations notwithstanding, no ANI recipient or its designated billing agent may utilize ANI information if prohibited elsewhere by law.	
3.	The ANI recipient or its designated billing agent is prohibited from reselling, or otherwise disclosing ANI information to any other third party for any use other than those specified herein, unless the ANI recipient obtains the prior written consent of the subscriber permitting such resale or disclosure.	

1.6.6	Discontinuance of Network Elements for Cause	
A.	The Telephone Company may discontinue service or cancel an application for service without incurring any liability for any of the following reasons.	
1.	Upon non-payment of any sum owing to the Telephone Company for more than thirty days beyond the date of rendition of the bill for service, or upon violation of any terms or conditions governing the furnishing of service, the Telephone Company may on thirty days advance notice in writing to the TC, without incurring any liability, discontinue the furnishing of new or existing services.	(T) (T) (C) (T)
2.	Without notice, in the event of a violation of any regulation governing network element services.	
3.	Without notice, in the event of a violation of any law, rule or regulation of any government authority having jurisdiction over the service.	
4.	The Telephone Company is prohibited form furnishing a particular network element or network elements by order of a court or other government authority having jurisdiction.	(N) (N)
5.	In the event of fraudulent use of the Telephone Company's network, including, but not limited to fraudulent end user orders for transfer of service, and fraudulent transmission and misrepresentation of interLATA traffic on TC or local trunks, the Telephone Company may discontinue service without notice and/or seek legal recourse to recover all costs involved with the enforcement of this provision.	(C) (C) (C)

1. Tariff Information and General Regulations
1.6 Responsibility of the Telephone Company

1.6.7	Coordination with Respect to Network Contingencies and Network Management	(C)
A.	The Telephone Company intends to work cooperatively with the TC industry to develop network contingency plans in order to be prepared to maintain maximum network capability following natural or man-made disasters which affect telecommunications services.	(N) (N) (N)
B.	The Telephone Company will use its best efforts to administer its network to ensure the provision of acceptable service levels to all telecommunications users of the Telephone Company's network services. Generally, service levels are considered acceptable only when both the TC and the Telephone Company are able to establish connections with little or no delay encountered within their respective networks. The Telephone Company maintains the right to apply protective controls (e.g., call gapping) which selectively cancel the completion of traffic, over any traffic carried over its network, including that associated with all TC network interconnection services. Generally, such protective measures would only be taken as a result of occurrences such as failure or overload of Telephone Company or TC facilities, natural disasters, mass calling or national security demands.	(C) (T) (C) (C)

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.1	Scope	
A.	The services provided under this tariff shall be maintained by the Telephone Company. The CLEC or others may not rearrange, move, disconnect, remove or attempt to repair any facilities provided by the Telephone Company, other than by connection or disconnection to any interface means used, except with the written consent of the Telephone Company.	
B.	The CLEC, its customer, joint user or authorized user may not assign or transfer the use of services provided under this tariff without the expressed written consent of the Telephone Company; however, where there is no interruption of use or relocation of the services, such assignment or transfer may be made to the following individual(s) or parties.	
1.	From one CLEC to another CLEC, whether an individual, partnership, association or corporation, provided the assignee or transferee assumes all outstanding indebtedness for such services.	
C.	In all cases of assignment or transfer, the written acknowledgment of the Telephone Company is required prior to such assignment or transfer. The acknowledgment shall be made within 15 days from the receipt of notification. All regulations and conditions contained in this tariff shall apply to such assignee or transferee.	
D.	The assignment or transfer of services does not relieve or discharge the assignor or transferor from remaining jointly or severally liable with the assignee or transferee for any obligations existing at the time of the assignment or transfer.	
E.	When an independent telephone company provides local exchange service to an end user in the Telephone Company's serving area, the independent telephone company will maintain a separate network for the exchange of such local traffic.	
F.	Signals applied to a metallic facility shall conform to the limitations set forth in Technical Reference PUB AS No. 1, Issue II, Access Service (issued May, 1984).	(T) (T)
1.	In order to protect the Telephone Company's facilities and personnel, and the services furnished by the Telephone Company to other TCs from potential harmful effects, the signals applied to the Telephone Company's service shall not cause damage to the facilities of the Telephone Company. Any special interface equipment necessary to achieve the compatibility between facilities of the Telephone Company, channels or facilities of others, shall be provided at the TC's expense.	(T) (T)

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.2	Liability	
E.	For 911/E911 optional services, the CLEC agrees except where the events, incidents, or eventualities set forth herein are the result of the Telephone Company's gross negligence or willful misconduct, to release, indemnify, defend and hold harmless the Telephone Company from any and all loss or claims whatsoever, whether suffered, made, instituted, or asserted by the CLEC or by any CLEC customer, for any personal injury to or death of any person or persons, or for any loss, damage, or destruction of any property, whether owned by the CLEC or others. The CLEC also agrees to release, indemnify, defend and hold harmless the Telephone Company from any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition occasion, or use of access to E911 service features and the equipment associated therewith, or by any services furnished by the Telephone Company in connection therewith, including but not limited to the identification of the telephone number, address, or name associated with the telephone used by the party or parties accessing E911 service hereunder, and which arise out of the negligence or other wrongful acts of the CLEC, its customers, or the employees or agents of any one of them, or which arise out of the negligence, other than gross negligence or willful misconduct, of the Telephone Company, its employees or agents.	
F.	If warranted, the Telephone Company may take immediate action as necessary to protect its facilities and personnel from harm and will promptly notify the TC of the need for protective action. In the event that the TC fails to advise the Telephone Company within ten days after such notice is received or within the time specified in the notice that corrective action has been taken, the Telephone Company may take whatever additional action is deemed necessary, including disconnect, to protect its facilities and personnel from harm. The Telephone Company will, upon request 24 hours in advance, provide the TC with a statement of technical parameters that the TC's equipment must meet.	(N) (N)
G.	The TC shall indemnify, defend and hold harmless the Telephone Company from and against all claim liability, loss, costs, damage (including punitive damages) and expense (including reasonable attorney's fees and court costs) directly or indirectly, in whole or in part, caused by or resulting from the use of services offered under this section including the following.	(T) (C) (C) (X)
1.	Damage to tangible personal injury proximately caused by the negligence or willful misconduct of the TC, its employees, agents or contractors.	(N) (N)
2.	Claims for libel, slander, invasion of privacy, or infringement of copyright directly or indirectly, in whole or part, caused by or resulting from the material transmitted over the Telephone Company's facilities arising from the TC's own communications or the communications of such TC's customers or end-users made through or by means of telecommunications services furnished hereunder;	(X) (X) (C) (C) (C)
3.	Claims for patent infringement copyright directly or indirectly, in whole or part, caused by or resulting from the CLEC's or its end user's acts combining or using the service or facilities furnished by the Telephone Company in connection with facilities or equipment furnished by the end user or CLEC.	(X) (X) (X) (X)

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.2 Liability

G. (Continued)

4. All other claims directly or indirectly, in whole or part, caused by or resulting out of any act or omission of the end user or TC in the course of using services provided pursuant to this tariff. (T) (X)(T)

5. All claims, including but not limited to injuries to persons or property from voltages or currents directly or indirectly, in whole or part, caused by or resulting from any act or omission of the TC or its end user in connection with facilities provided by the Telephone Company, the TC or the end user. (T) (T) (X)

6. Claims directly or indirectly, in whole or part, caused by or resulting from any act or omission in connection with the provision of Optional Services offered under this section. (T)

7. Claims against the Telephone Company arising out of acts or omissions of the Telephone Company taken in reliance on incorrect, inaccurate or incomplete information set forth in materials provided by the TC pursuant to this tariff. (N)

8. Claims arising out of the construction, installation, operation, maintenance or removal of the TC's facilities or equipment connected to the Telephone Company's services provided hereunder.

9. Claims arising out of proceedings to recover taxes, fines or penalties imposed due to the failure of the TC to obtain or maintain in effect all necessary permits, licenses and other approvals relating to the acquisition, use or operation of the telecommunications services provided hereunder.

10. The Telephone Company will notify the TC promptly in writing of any claims, lawsuits or demands by third parties for which the Telephone Company alleges that the TC is responsible under this section, and, if requested by the Telephone Company, the TC will tender the defense of such claim, lawsuit or demand. In the event the Telephone Company chooses to assume the defense and settlement of any such claims, lawsuits or demands, or, if after having been requested by the Telephone Company, the TC does not promptly assume and diligently pursue the defense of the tendered action, the Telephone Company may proceed to defend or settle said action and the TC shall hold harmless the Telephone Company from all loss, cost, liability, damage and expense incurred by the Telephone Company arising out of or in connection with such action. The parties will cooperate in every reasonable manner with the defense or settlement of any claim, demand or lawsuit. (N)

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.3	Collocation Liability and Indemnification	(X)
A.	The CLEC shall indemnify, defend and save harmless the Telephone Company from and against any and all losses, claims, demands, causes of action and costs, including attorneys' fees, whether suffered, made, instituted or asserted by the CLEC or by any other party or person for damages to property and injury or death to persons, including payments made under any worker's compensation law or under any plan for employees' disability and death benefits, which may arise out of or be caused by the installation, maintenance, repair, replacement, presence, use or removal of the CLEC's equipment or facilities or by their proximity to the equipment or facilities of all parties occupying space within or on the exterior of the Telephone Company's central office(s), or by any act or omission of the Telephone Company, its employees, agents former or striking employees, or contractors, in connection therewith, unless caused by gross negligence or willful misconduct on the part of the Telephone Company.	
B.	The CLEC shall indemnify, defend and save harmless the Telephone Company from and against any and all losses, claims, demands, causes of action, damages and costs, including but not limited to attorneys' fees and damages costs, and expense of relocating conduit systems resulting from loss of right-of-way or property owner consents, which may arise out of or be caused by the presence in, or the occupancy of, the central office by the CLEC, and/or acts by the CLEC, its employees, agents or contractors.	(X)

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.3	Collocation Liability and Indemnification
C.	The CLEC shall indemnify, defend, and hold harmless the Telephone Company, its directors, officers and employees, servants, agents affiliates and parent, from and against any and all claims, cost, expense or liability of any kind, including but not limited to reasonable attorneys' fees, arising out of or relating to CLEC installation and operation of its facilities or equipment within the multiplexing node, roof space and transmitter space.
D.	The CLEC represents, warrants and covenants that it shall comply with all applicable federal, state or local law, ordinance, rule or regulations, in connection with its use of the space within or on the exterior of the central office, including but not limited to, any applicable environmental, fire, OSHA or zoning laws. The CLEC shall indemnify, defend, and hold harmless the Telephone Company, its directors, officers and employees, servants, agents, affiliates and parent, from and against any and all claims, cost, expense or liability of any kind including but not limited to fines or penalties arising out of any breach of the foregoing by the CLEC, its directors, officers, employees, servants, agents, affiliates and parent.
E.	The CLEC, at its own cost, shall comply with all present and future laws, ordinances, rules, orders and regulations of all state, federal, municipal and local governments, departments, commissions and boards and any direction of any public officer pursuant to law, and all orders, rules, and regulations of any Board of Fire Underwriters or any similar body which shall impose any violation, order or duty upon the Telephone Company or the CLEC with respect to the central office/serving wire center whether or not arising out of the CLEC's use or manner of use.

1.7.4	Ownership of Facilities	
A.	Facilities utilized by the Telephone Company to provide service under the provisions of this tariff shall remain the property of the Telephone Company. Such facilities shall be returned to the Telephone Company by the TC within a reasonable period following the request in as good condition as reasonable wear will permit.	(C) (C)

1.7.5	Equipment Space and Power
A.	The CLEC shall furnish or arrange to have furnished to the Telephone Company, at no charge, equipment space and electrical power required by the Telephone Company to provide services under this tariff at the points of termination of such services. The selection of alternating current or direct current power shall be mutually agreed to by the CLEC and the Telephone Company. The CLEC shall also make necessary arrangements in order that the Telephone Company will have access to such spaces at reasonable times for installing, testing, repairing or removing Telephone Company services.

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.6	Availability for Testing and Inspection	
A.	The services provided under this tariff shall be available to the Telephone Company for inspection at times mutually agreed upon in order to permit the Telephone Company to make tests and adjustments appropriate for maintaining the services in satisfactory operating condition and conformance to technical standards if the Telephone Company deems such testing to be necessary. Such tests and adjustments shall be completed within a reasonable time. No credit will be allowed for any interruptions involved during such tests and adjustments.	(C) (C)
B.	The CLEC is responsible for initiating testing for, and isolating all end user troubles. The Telephone Company will cooperatively test with the CLEC in order to confirm and clear the trouble.	

1.7.7	Coordination with Respect to Network Contingencies	
A.	The CLEC shall, in cooperation with the Telephone Company, coordinate in planning the actions to be taken to maintain maximum network capability following natural or man-made disasters which affect telecommunications services, subject to the restoration priority requirements of Part 64 of the FCC's rules.	
B.	The CLEC has an obligation to use its best efforts to administer its network to insure the provision of acceptable service levels to all telecommunications users of its network services. Generally, service levels are considered acceptable only when both the CLEC and the Telephone Company are able to establish connections with little or no delay encountered within their respective network.	(C) (C) (C)

1.7.8	Signals
A.	In order to protect the Telephone Company's facilities and personnel and the services furnished to other TCs by the Telephone Company from potentially harmful effects, the signals applied to the Telephone Company's service shall be such as not to cause damage to the facilities of the Telephone Company. Any special interface equipment necessary to achieve the compatibility between facilities of the Telephone Company and the channels or facilities of others shall be provided at the TC's expense.

1.7.9	Balance
A.	All signals for transmission over the services provided under this tariff shall be delivered by the CLEC balanced to ground except for ground start and duplex (DX).

1. Tariff Information and General Regulations
1.7 Responsibility of the CLEC

1.7.10	Design of CLEC Services
A.	The CLEC shall be solely responsible, at its own expense for the overall design of its services and for any redesigning or rearrangement of its services which may be required because of changes in facilities, operations or procedures of the Telephone Company, minimum protection criteria or operating or maintenance characteristics of the facilities.

1.7.11	References to the Telephone Company	
A.	The CLEC may advise its end users that certain services are provided by the Telephone Company in connection with the service the CLEC furnishes to end users; however, the CLEC shall not represent that the Telephone Company jointly participates in the CLEC's services or otherwise use the name of the Telephone Company, its parent corporation, subsidiaries or affiliates in any advertising or other marketing efforts, without express written consent of the Telephone Company.	(C)

1.7.12	Reciprocal Arrangements
A.	A CLEC that assigns telephone numbers must make available to the Telephone Company at least one point of termination per LATA where the CLEC assigns telephone numbers. As the CLEC assigns telephone numbers in different rate centers or geographic areas that are served by different Telephone Company rate centers (equivalent rate centers), the Telephone Company may request and the CLEC shall provide, at the Telephone Company's option, either a point of termination within an equivalent Telephone Company rate center, or a rating equivalent through provisioning or purchasing transport to a location designated by the Telephone Company.
B.	The CLEC is responsible to first provide input to the local exchange routing guide in order for the Telephone Company to activate the CLEC NXX code in the Telephone Company network.
C.	The CLEC is responsible to update in a timely and accurate manner, industry publications (such as the LERG, and NECA Tariff FCC No. 4). These publications must be provided or updated prior to activation of a TC NXX code in the Telephone Company network, in accordance with central office code guidelines.

1.7.13	Relationships With Other Carriers	
A.	The CLEC is responsible to establish and maintain its own business relationship with interexchange carriers, cellular carriers, independent telephone companies, and other CLECs for purposes of provisioning, billing, and conducting its general business.	(T)

1. Tariff Information and General Regulations
1.8 Force Majeure

1.8.1	Reciprocal Responsibilities	
A.	Neither party shall be liable for any delay or failure in performance of any obligation under this tariff (other than an obligation to make money payments) from any cause beyond its reasonable control and without its fault or negligence including, without limitation, acts of nature, acts of civil or military authority, government regulations, embargoes, epidemics, terrorist acts, riots, insurrections, fires, explosions, earthquakes, nuclear accidents, floods, work stoppages, strikes, equipment failure, power blackouts, volcanic action, other major environmental disturbances, unusually severe weather conditions, inability to secure products or services of other persons or transportation facilities, or acts or omissions of transportation carriers (each a force majeure event). If any such event occurs, the party delayed or unable to perform shall give prompt notice to the other party and shall take all reasonable steps to mitigate the effects of such event. During the duration of the event, the duties of the parties under this tariff affected by the event shall be abated and upon cessation of such event, shall resume as promptly as reasonably practicable, without liability thereafter.	(C)
B.	Notwithstanding Sections 1.7.2 and 1.8.1A, no delay or other failure to perform shall be excused pursuant to this Section by the acts or omissions of a party's subcontractors, material-persons, suppliers or other third persons providing products or services to such party unless such acts or omissions are themselves the product of a force majeure event, or unless such delay or failure and the consequences thereof are beyond the reasonable control and without the fault or negligence of the party claiming excusable delay or other failure to perform.	(C)
C.	Neither party shall be liable for any act or omission of any other entity furnishing to the other party facilities, equipment, or services used in conjunction with the services provided in this tariff. Nor shall either party be liable to the other party for any damages or losses due to unauthorized use of the services provided under this tariff.	

1. Tariff Information and General Regulations
1.9 Customer Notification and Coordination

1.9.1	Changes and Substitutions
A.	The Telephone Company may, where such action is reasonably required in the operation of its business, perform the following actions.
1.	Substitute, change or rearrange any facilities used in providing service under this tariff, including but not limited to: substitution of different metallic facilities, substitution of carrier or derived facilities for metallic facilities, and substitution of metallic facilities for carrier or derived facilities.
2.	Change minimum protection criteria.
3.	Change operating or maintenance characteristics of facilities.
4.	Change operations or procedures of the Telephone Company.
B.	In the case of any such substitution, change or rearrangement, the transmission parameters will be within the range specified for the individual services involved. The Telephone Company shall not be responsible if any such substitution, change or rearrangement renders any CLEC furnished services obsolete or requires modification or alteration thereof or otherwise affects their use or performance. If such substitution, change or rearrangement materially affects the operating characteristics of the facility, the CLEC will be given adequate notice in writing. Reasonable time will be allowed for any redesign and implementation required by the change in operating characteristics. The Telephone Company will work cooperatively with the CLEC to determine reasonable notification requirements.
1.	The Telephone Company is not responsible for any additional costs incurred by the CLEC as a result of such changes, substitution or rearrangements.

1.9.2	Refusal and Discontinuance of Service	
A.	If the CLEC fails to comply with the rules and regulations of this tariff including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on 30 days' written notice by overnight delivery or Certified U.S. Mail to the person designated by the CLEC to receive such notices of noncompliance, with a copy to the Commission, refuse additional applications for service and/or refuse to complete any pending orders for service by the non-complying CLEC at any time thereafter. If the Telephone Company does not refuse additional applications or pending orders for service on the date specified in the 30 days' notice, and the CLEC's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to refuse additional applications for service to the non-complying CLEC without further notice.	(T) (C) (C)

1. Tariff Information and General Regulations
1.9 Customer Notification and Coordination

1.9.2	Refusal and Discontinuance of Service	
B.	If the CLEC fails to comply with the rules and regulations of this tariff including any payments to be made by it on the dates and times herein specified, the Telephone Company may, on 30 days' written notice by overnight delivery or Certified U.S. Mail to the person designated by the CLEC to receive such notices of noncompliance, with a copy to the Commission, discontinue the provision of the existing services to the non-complying CLEC at any time thereafter. In the case of such discontinuance, all applicable charges, including termination charges, shall become due. If the Telephone Company does not discontinue the provision of the services involved on the date specified in the 30 days' notice, and the CLEC's noncompliance continues, nothing contained herein shall preclude the Telephone Company's right to discontinue the provision of the services to the non-complying CLEC without further notice.	(T) (C) (C) (C) (T) (C)
C.	The Telephone Company reserves the right to refuse an application for service made by a present or former TC, its majority or minority owners or affiliates, who is indebted to the Telephone Company for services previously furnished, until the indebtedness is satisfied. In the event that service is connected for a TC who is indebted to the Telephone Company for services previously furnished to such TC, the services may be terminated by the Telephone Company unless the TC satisfies the indebtedness within thirty (30) days after written notification, with a copy to the Commission.	(N) (N)

1.9.3	Interference or Impairment	
A.	The characteristics and methods of operation of any circuits, facilities or equipment provided by a CLEC and associated with the facilities utilized to provide services under this tariff shall not interfere with or impair service over any facilities of the Telephone Company, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, impair the privacy of any communications carried over their facilities or create hazards to the employees of any of them or the public or tend to injuriously affect the efficiency of Telephone Company personnel, plant, property or service. The characteristics and methods of operation shall comply with accepted and normal industry standards.	(C) (C)
B.	If such characteristics or methods of operation are not in accordance with the preceding paragraph, the Telephone Company will, where practicable, notify the CLEC that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances.	
1.	In cases of such temporary discontinuance, the CLEC will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance.	
2.	During such period of temporary discontinuance, credit allowance for service interruptions is not applicable.	

1. Tariff Information and General Regulations
1.9 Customer Notification and Coordination

1.9.3	Interference or Impairment	
C.	If the CLEC is not in compliance with protective requirements for CLEC provided equipment, the Telephone Company may take such action as may be required in order to protect its facilities and personnel from harm. The Telephone Company will notify the CLEC in writing, by Certified US Mail, of the need for corrective action. In the event the CLEC fails to respond to the notice within 10 days of having received such notice, or within the timeframe that may be specified in the notice, the Telephone Company may take what ever action it deems necessary, including the suspension of service. The Telephone Company will provide the CLEC a statement of technical parameters as needed.	(X) (X)

1.9.4	Provision of Telephone Numbers	
A.	The Telephone Company reserves the right to assign, designate or change its telephone numbers, serving end offices or tandems, rate centers, or any other call number designations associated with Switched Interconnection Services provided to TCs, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business.	(N)

1.9.5	Network Information Disclosure	
A.	The Telephone Company will comply with the Public Notices of Network Change and Network Information Disclosure rules adopted by the FCC in CC Docket No. 96-98 and in CC Docket No. 86-79, respectively, as such rules may be amended from time to time.	(N)

1. Tariff Information and General Regulations
1.10 Confidential Information

1.10.1	General	
A.	Any information such as specifications, drawings, sketches, business information, forecasts, models, samples, data, computer programs and other software and documentation of one Party (a "Disclosing Party") that is furnished or made available or otherwise disclosed to the other Party or any of its employees, contractors, agents or Affiliates (its "Representatives" and, together with the Party, a "Receiving Party") pursuant to this tariff (such information, other than CPNI (as defined below) being hereinafter collectively referred to as "Proprietary Information") shall be deemed the property of the Disclosing Party. Proprietary Information, if written, shall be marked "Confidential" or "Proprietary" or by other similar notice, and, if oral or visual, shall be confirmed in writing as Confidential by the Disclosing Party to the Receiving Party within ten (10) days after disclosure. Unless Proprietary Information was previously known by the Receiving Party free of any obligation to keep it confidential, or has been or is subsequently made public by an act not attributable to the Receiving Party, or is explicitly agreed in writing not to be regarded as confidential, or is independently developed by the Receiving Party, the Parties hereby agree that in addition to the confidentiality requirements set forth in the Act and the Order, all Proprietary Information (i) shall be held in confidence by each Receiving Party; (ii) shall be disclosed on a confidential basis to only those persons who have a need for it in connection with the provision of services required to fulfill its obligations hereunder and shall be used only for such purpose; and (iii) may be used for other purposes only upon such terms and conditions as may be mutually agreed to in advance of use in writing by the Parties. Notwithstanding the foregoing sentence, a Receiving Party shall be entitled to disclose or provide Proprietary Information as required by any government authority or applicable law only in accordance with Part A, Section 1.10.1B.	(N)
B.	If any Receiving Party is required by any governmental authority or by applicable law to disclose any Proprietary Information, then such Receiving Party shall provide the Disclosing Party with written notice of such requirement as soon as possible and prior to such disclosure. The Disclosing Party may then seek appropriate protective relief from all or part of such requirement, and the Receiving Party shall use all commercially reasonable efforts to cooperate with the Disclosing Party in attempting to obtain any protective relief which such Disclosing Party seeks to obtain. Absent any restraining order or other relief prohibiting any such disclosure by the Receiving Party, then the Receiving Party shall be entitled to disclose such Proprietary Information and shall incur no liability hereunder as a result thereof.	(N)

1. Tariff Information and General Regulations
1.10 Confidential Information

1.10.1	General	(N)
C.	The Receiving Party may make copies of Proprietary Information only as reasonably necessary to perform its obligations hereunder. All such copies shall bear the same copyright and proprietary rights and notices as are contained on the original.	(N)

1.10.2	Collocation	(T)
A.	The Telephone Company will hold in confidence, information provided to it by the CLEC and information known to the Telephone Company as a result of the interconnection of equipment contained in the central office to the Telephone Company facilities and services, if such information is of a competitive nature. Similarly, the CLEC is to hold in confidence information provided to it by the Telephone Company and information known to the CLEC as a result of its presence in Telephone Company locations if such information is of a competitive nature. Neither party is obligated to hold in confidence the following information.	(X)
1.	That information which was already known to the party free of any obligation to keep it confidential.	
2.	Information that was or becomes publicly available by other than authorized disclosure.	
3.	Information that was rightfully obtained from a third party not obligated to hold such information in confidence.	(X)

1. Tariff Information and General Regulations
1.11 General Responsibilities of the Interconnecting Parties

1.11.1	Regulations
A.	Each party hereby retains the right to exercise full control of and supervision over its own performance of its obligations hereunder, and retains full control over the employment, direction, compensation and discharge of all employees assisting in the performance of such obligations. Each party will be solely responsible for all matters relating to payment of such employees, including the payment of and compliance with social security taxes, withholding taxes and all other regulations governing such matters. Subject to the limitations on liability hereto and except as otherwise expressly provided herein, each party shall be responsible for its own acts and the performance of all obligations imposed by all applicable federal, state or local statutes, laws, rules, regulations, codes, orders, decisions, injunctions, judgments, awards and decrees (collectively, "Applicable Laws"), (1) in connection with its activities, legal status and property, real or personal, and (ii) the acts of its own affiliates, employees, agents, and contractors during the performance of that party's obligations hereunder. Neither this tariff, nor any actions taken by the Telephone Company or the requesting TC in compliance with this tariff, shall be deemed to create an agency, joint venture, or other relationship between the Telephone Company and the requesting TC of any kind, other than that of purchaser and seller of services. Neither this tariff, nor any actions taken by the Telephone Company or the requesting TC in compliance with this tariff, shall create a contractual, agency, or any other type of relationship or third party liability between the Telephone Company and the requesting TC end user or others.
B.	The parties may exchange technical descriptions and forecasts of their interconnection and traffic requirements in sufficient detail necessary to establish the interconnection required to assure traffic completion to and from all customers in their respective designated service areas. The requesting TC, for the purpose of ubiquitous connectivity, network diversity and alternate routing, shall connect to at least one tandem office switch for the receipt/completion of traffic to any Telephone Company end office switches. (C) (C)
C.	Each party is individually responsible to provide access to facilities within its network which are necessary for routing, transporting, measuring, and billing traffic from the other party's network and for delivering such traffic to the other party's network in the standard format compatible with the Telephone Company's network and to terminate the traffic it receives in that standard format to the proper address on its network. See BOC Notes on the Network (SR-TSV-00275) for a general description of the design of local exchange carrier network. The parties are each solely responsible for participation in and compliance with national network plans, including the National Network Security Plan and the Emergency Preparedness Plan.
D.	Neither party shall use any service related to or in connection with any of the telecommunications services provided hereunder in any manner that interferes with other persons in the use of their service, prevents other persons from using their service, or otherwise impairs the quality of service to other carriers or to either party's customers or end users. Either party may discontinue or refuse service if the other party violates this provision. Upon such violation, either party shall provide the other party notice, if practicable, at the earliest practicable time.
E.	Each party is solely responsible for the services it provides to its customers and to other TCs.

1. Tariff Information and General Regulations
1.11 General Responsibilities of the Interconnecting Parties

1.11.1	Regulations
F.	The parties shall work cooperatively to minimize fraud associated with third-number billed calls, calling card calls, and any other services related to this tariff.
G.	Each party is responsible for administering NXX codes assigned to it.
H.	Each party is responsible for obtaining LERG listings of CLLI codes assigned to its switches.
I.	Each party shall use the LERG published by Bellcore or its successor for obtaining routing information and shall provide all required information to Bellcore for maintaining the LERG in a timely manner.
J.	Each party shall program and update its own central office switches and end office switches and network systems to recognize and route traffic to and from the other party's assigned NXX codes. Except as mutually agreed or as otherwise expressly defined herein, neither party shall impose any fees or charges on the other party for such activities.
K.	In addition to the obligations of the parties to maintain insurance coverage at all times during the term each party shall keep and maintain in force, at their own expense all insurance required by law (e.g., workers compensation insurance) as well as general liability insurance for personal injury or death to any one person, property damage resulting from any one incident and automobile liability with coverage for bodily injury and for property damage. Upon request from the other party, each party shall provide to the other party evidence of such insurance (which may be provided through a program of self insurance).
L.	Nothing herein shall prevent the requesting TC from purchasing elements or services under existing Telephone Company tariffs. Any such elements or services purchased by the requesting TC will be provided at the prevailing tariffed rates.
M.	The Telephone Company will, where practicable, notify the requesting TC that temporary discontinuance of the use of a service may be required; however, where prior notice is not practicable, nothing contained herein shall be deemed to preclude the Telephone Company's right to temporarily discontinue forthwith the use of a service if such action is reasonable under the circumstances. In case of such temporary discontinuances, the requesting TC will be promptly notified and afforded the opportunity to correct the condition which gave rise to the temporary discontinuance.

1. Tariff Information and General Regulations
1.12 General Dispute Resolution Mechanism

1.12.1	Regulations	
A.	Prior to submission of a formal dispute pursuant to Section 1.12.1. B or C below, the Telephone Company and the CLEC must undertake a reasonable effort to resolve the dispute informally, including the complaining carrier's undertaking a good faith effort to follow the responding carrier's escalation procedures in place at the time of the dispute. The Telephone Company's escalation procedures and escalation contact lists may be found on the Telephone Company's wholesale website at http://www22.verizon.com/wholesale/contactus/. References to the Telephone Company's website do not represent tariff provisions that have been subject to Commission review and approval.	(N) (N)
B.	Unless specifically governed by another provision in this tariff, prior to the submission of a dispute to the Commission for resolution, the complaining carrier must present to the responding carrier a written, one-page summary of the substance of the dispute, including an explanation of the steps already taken to resolve the dispute. Where the CLEC is the complaining carrier, the one-page dispute summary should be sent to the director-level contact identified on the applicable Telephone Company escalation list and a copy of the documentation should be sent to the Telephone Company's Vice President – New Hampshire. Within ten business days of receipt of the written summary, the responding carrier will respond by sending to the complaining carrier a written, one-page summary of the responding carrier's response, including proposed resolution if any. In the event the responding carrier fails to respond to the substance of the complaint within 10 business days, or the complaining carrier does not agree with the resolution of its complaint, the complaining carrier will have the right to request an expedited or "fast track" Commission arbitration pursuant to the method awarded and described in Issue 4 and further detailed in Issue 29 of the Arbitrator's Final Report to the Commission in DE 96-252 dated November 15, 1996, as approved by the Commission in Order No. 22,433 issued December 2, 1996. For billing disputes specifically, refer to Section 4.1.7.	(T) (C) (C) (N)
C.	As an alternative to the arbitration procedure referred to in Part A, Section 1.12.1(A) preceding, the parties may agree to employ the alternative dispute resolution process described in paragraph 40 and Attachment F of the Bell Atlantic-GTE merger conditions (FCC Order 00-221, June 16, 2000) or other reasonable alternative dispute resolution mechanism. The parties shall notify the Commission promptly of any such agreement.	

1. Tariff Information and General Regulations
1.13 Miscellaneous

1.13.1	Nonexclusive Remedies
A.	Except as otherwise expressly provided in this tariff, each of the remedies provided hereunder is cumulative and is in addition to any remedies that may be available at law or in equity.

(N)

1.13.2	Third Party Beneficiaries
A.	Unless otherwise specifically set forth in this tariff, this tariff does not provide any third parties with any remedy, claim, liability, reimbursement, cause of action or other privilege.

1.13.3	Governing Law
A.	This tariff, the construction and enforcement of its terms, and the interpretation of the rights and duties of the parties shall be governed by the laws of the State of New Hampshire other than as to conflicts of laws, except insofar as federal law may control any aspect of the rights and/or obligations of the parties hereunder, in which case federal law shall govern such aspect.

1.13.4	Publishing and Advertising
A.	Neither party shall publish or use any advertising, sales promotions or other publicity materials that use the other party's logo, trademarks or service marks without the prior written approval of the other party. Neither party may offer services to its end users or others under any of the brand names of the other Party or any of its parents, subsidiaries of Affiliates, regardless of whether or not such brand names are registered trademarks or service marks, without the prior written approval of the other Party. Neither Party shall state or imply that there is any partnership or other joint business arrangement with the other Party, its parent, subsidiaries, or Affiliates, for the provision of services to the other Party's end users or others. The Parties may jointly develop a press release publicizing their relationship under this tariff, subject to both (1) any prior nondisclosure agreement, and (2) mutually agreed upon language and media

(N)

1. Tariff Information and General Regulations
1.13 Miscellaneous

1.13.5	Amendments or Waivers
A.	Except as otherwise provided in this tariff, no amendment or waiver of any provision of this tariff, and no consent to any default under this tariff, shall be effective unless the same is in writing and signed by both Parties. In addition, no course of dealing or failure of a Party strictly to enforce any term, right or condition of this tariff shall be construed as a waiver of such term, right or condition. By entering into the agreement to be bound by the terms of this tariff, neither Party waives any right granted to it pursuant to the Act and/or regulations, orders or rulings issued pursuant thereto, except to the extent the Act or any such regulations, orders or rulings permit such rights to be modified or waived and such modification or waiver is expressly set forth herein.

(N)

1.13.6	Severability
A.	If any term, condition or provision of this tariff is held to be invalid or unenforceable for any reason, such invalidity or unenforceability shall not invalidate the entire tariff, unless such construction would be unreasonable. However, the Parties agree to meet and negotiate in good faith to arrive at a mutually acceptable modification of the invalid or unenforceable provision.

1.13.7	Survival of Obligations
A.	Any liabilities or obligation of a Party for acts or omissions prior to the expiration or termination of the Term; any obligation of a Party under the provisions regarding indemnification, Proprietary Information, limitations on liability, and all other provisions of this tariff which, by their express terms, are contemplated to survive (or to be performed after) the expiration or termination of the Term, shall survive the expiration or termination thereof.

1.13.8	Nonexclusive Dealings
A.	The agreement by the Parties to be bound by this tariff does not prevent either Party from providing or purchasing services to or from any other person, nor, except as provided in Part A, Section 1.4.3 and Part B, Section 13.4.1D hereof, does it obligate either Party to provide or purchase any services not specifically provided herein.

(N)

2. Bona Fide Request Process (BFR)
2.1 General

The following is the Bona Fide Request process that the Telephone Company utilizes to consider requests for interconnection or access to new unbundled network elements. (T) (C)

2.1.1	Description	
A.	The Telephone Company shall promptly consider and analyze requests for interconnection or access to new unbundled network elements through the submission of a BFR hereunder.	
B.	A BFR shall be submitted in writing and shall include a technical description.	(C)
C.	The requesting TC may cancel a BFR at any time with no charge for the preliminary report, but shall pay the Telephone Company's reasonable and demonstrable costs of processing and/or implementing the detailed report subject to the true-up limits indicated below.	(C) (C)
D.	Within ten business days of its receipt, the Telephone Company shall acknowledge receipt of the BFR.	
E.	Except under extraordinary circumstances, within thirty days of its receipt of a BFR, the Telephone Company shall provide to the requesting TC a preliminary report including analysis of such BFR. The preliminary analysis shall confirm that the Telephone Company will offer the arrangement, service or element or will provide a detailed explanation that it is not technically feasible and/or that the request does not qualify to be provided under the Act. If the request is found to be valid, the preliminary report shall include a time and cost estimate for completion of the detailed report.	
F.	If the Telephone Company determines that the BFR is technically feasible and otherwise qualifies under the Act, it shall promptly proceed with developing the BFR upon receipt of written authorization, together with the payment of the cost estimate for completion of the detail report, and payment from the requesting TC. When it receives such authorization, the Telephone Company shall promptly develop the requested service, element or interconnection arrangement, determine its availability, calculate the applicable prices and establish installation intervals.	(C) (C)
G.	Unless the parties otherwise agree, the requested service, element or interconnection arrangement must be priced in accordance with Section 252(d)(1) of the Act.	
H.	As soon as feasible, but no later than ninety days after its receipt of authorization to proceed with developing the BFR, the Telephone Company shall provide to the requesting TC a detailed report containing the complete BFR quote which will include, at a minimum, a description of each request, the availability, the applicable rates and the installation intervals.	
1.	Upon completion by the Telephone Company of the detailed report, (i) the Telephone Company shall furnish the requesting TC with a statement itemizing final costs for compilation of the detailed report, and (ii) the requesting TC shall pay to the Telephone Company an amount equal to the reasonable and demonstrable costs incurred by the Telephone Company in processing and completing the detailed report in excess of the preliminary cost estimate; provided however, such excess amount shall not be greater than 20% of the preliminary cost estimate.	(N) (N)

2. Bona Fide Request Process (BFR)
2.1 General

2.1.1	Description	
H.	Continued)	
2.	If, at any time after the receipt by the Telephone Company of a written request and authorization from the requesting TC to proceed with the preparation of a detailed report, the requesting TC shall elect to cancel its request or any part thereof, the Telephone Company shall promptly refund to the requesting TC the preliminary cost estimate that the requesting TC has paid, less the amount of the reasonable and demonstrable costs incurred by the Telephone Company through the date of such cancellation in processing such detailed report; provided however, such refund shall not exceed 80% of the preliminary cost estimate.	(N) (N)
I.	Within ninety days of receipt of the detailed report (BFR quote), the requesting TC must either confirm its order for the BFR pursuant to the BFR quote or seek arbitration by the PUC pursuant to Section 252 of the Act.	(X) (X) (X)
J.	If one party believes that the other party is not requesting, negotiating or processing the BFR in good faith, or disputes a determination or price or cost quote, or is failing to act in accordance with Section 251 of the Act, such party may seek mediation or arbitration by the PUC pursuant to Section 252 of the Act.	

3. Ordering of Service (C)

3.1 Orders for Interconnection Service (N)

3.1.1	General
A.	When a CLEC orders interconnection arrangements to terminate traffic from its network, it must provide the Telephone Company with all information required to implement appropriate arrangements, including but not limited to the vertical and horizontal (V&H) coordinates and the common language location identifier (CLLI) of the following:
1.	The point of termination (POT) of the facilities (for the NXX)
2.	The NPA/NXX or NXX serving area location
3.	The NXX serving central office as published in the local exchange routing guide (LERG)
4.	The operating company number (OCN) as issued by National Exchange Carrier Association (NECA)
5.	The type of interconnection being ordered (i.e., end office interconnection or tandem interconnection as is being sought)
6.	The type of signaling desired (i.e., CCS/SS7 or MF)
7.	Point code and network information required for CCS-SS7 signaling
8.	The number of DS1 port terminations
9.	The carrier identification code (CIC) associated with the arrangement being ordered
10.	Revenue accounting office (RAO) information required for record exchange and other standard requirements.
11.	For the SS7 signaling option, the TC shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 option and the STP point codes, signaling link codes, link type, signaling feature capability and the traffic estimate for each CCS/SS7 connection ordered.
12.	For LIDB Access Service, the TC shall specify, per access order, the LIDB originating point codes (OPC) and Location Identifier Code(s) that will access the Telephone Company LIDB. When the order is placed, the Telephone Company will provide NPA, NXX and Revenue Accounting Office codes for the TC's use in populating global title translation tables.
13.	For initial orders, appropriate certificate of public convenience and necessity (CPCN) issued by the Commission.
B.	The Telephone Company will provide an appropriate service request form that must be completed by the ordering CLEC for this purpose.
C.	Services purchased by TC and other carriers out of Telephone Company tariffs will be provided at tariffed rates until the Telephone Company receives an order in writing to disconnect those services.
D.	No retroactive changes or declarations will be accepted with respect to the rating, re-rating, or reclassification of existing services as Interconnection Services. (N)

3. Ordering of Service
3.1 Orders for Interconnection Service

3.1.2	Labor
A.	A call-out of a Telephone Company employee at a time not consecutive with the employee's scheduled work period is subject to a minimum charge of four hours.

(N)

3.1.3	Service Date Interval
A.	To the extent service can be made available with reasonable effort, the Telephone Company will provide the service in accordance with the TC's requested interval, subject to the provisions herein.
1.	**Standard Interval**
a.	A schedule of standard intervals applicable for TC Interconnection Services is included in Section 3.1.4 following. The schedule specifies the services and the quantities that can be provided within the standard intervals.
b.	Interconnection Services provided in a standard interval will be installed during normal Telephone Company business days. If a TC requests that installation be done outside of normal scheduled work hours, and the Telephone Company agrees to this request, expedited order charges will apply.
c.	The Standard Interval will be calculated from the date of receipt of a complete and accurate service order. Changes in ordering information may result in renegotiation of the due date. Intervals are subject to availability of facilities (e.g., collocation or comparable interconnection point must already be established, interoffice transmission facilities and switch terminations must be available).
2.	**Negotiated Interval**— The Telephone Company will negotiate a service date interval under the following circumstances.
a.	When there is no Standard Interval for the service.
b.	When the quantity of interconnection services ordered exceeds the quantities specified in the Standard Interval.
c.	When the TC requests a service date beyond the applicable standard interval service date.
d.	The Telephone Company will offer a service date based on the type and quantity of unbundled network elements the TC has requested.

3.1.4	Modification
A.	**Expedited Order**
1.	When placing an order for which standard intervals exist, a TC may request a service date that is prior to the standard interval service date. A TC may also request an earlier service date on a pending standard or negotiated interval order. If the Telephone Company agrees to provide service on an expedited basis, expedited order charges will apply as appropriate.

(N)

3. Ordering of Service
3.1 Orders for Interconnection Service

3.1.4	Modification
A.	(Continued)
2.	If the Telephone Company is subsequently unable to meet an agreed-upon service date, no expedited order charge will apply unless the missed service date was caused by the TC, its agent or customer.
3.	If additional costs other than any applicable additional labor are to be incurred when a service date on a service order is expedited, the Telephone Company will develop and quote such costs to the TC, obtain TC authorization and bill the TC in accordance with the special construction terms and conditions in the Telephone Company's applicable tariff.

(N)

3.1.5	Cancellation
A.	The full nonrecurring charges for the service applies in connection with all canceled TC service orders.
B.	If the Telephone Company misses a service date for a standard or negotiated interval order by more than 30 days, except due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotion, the TC may cancel the service order without incurring cancellation charges.

3.1.6	Service Order Standard Intervals
A.	**Establishment of New Meet Point A, B, C, Two Way Meet Point A RTET, or Two-way Meet Point B RTET trunk groups or DA trunk groups**—The interval for 1-10 DS1 trunks is 60 business days.
B.	**Additions to Existing Trunk Groups (Meet Point A, Meet Point B, Meet Point C, Two-way Meet Point A RTET, Two-way Meet Point B RTET or DA**—The interval for 1-4 DS1 trunks is 30 business days.

3.1.7	Service and Installation Intervals–SS7 Signaling Interconnection Trunks/STP Ports
A.	**Trunks/STP Ports**
1.	For new trunk groups 1-240 trunks (1-10 DS1s) —The interval is 60 business days.
2.	For additions to existing trunk groups 1-96 trunks (1-4 DS1s) —The interval is 30 business days.
3.	Trunks in excess of the preceding quantities—The interval is negotiated.
B.	Where Certification Testing is required for new installations, or for the addition of new features, a minimum of an additional 10 days is required.

(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.1	General	(N)
A.	The Telephone Company provides non-discriminatory access to UNEs, where deployed and to the extent technically feasible.	
B.	A single service order is an order comprised of services which are ordered for the same due date and at the same central office location. In addition, when a single service order contains as one of its service components, a request for the link unbundled network element, the links so ordered must be for installation at the same physical customer premises.	
C.	The TC may order unbundled links and switch ports on the same service order. Both of the NRCs which separately apply for the installation of the link and installation of the port will apply.	

3.2.2	Service and Installation Intervals–Unbundled Network Elements–Links	
A.	The following installation intervals apply to link requests that can be accommodated by the Telephone Company with existing facilities. Where facilities do not exist, the installation interval will be a negotiated interval.	
1.	**Analog Two Wire Links**—Appointment per SMARTS. Quantities of 6 or greater new lines will be provided on a negotiated interval subject to facilities availability. For conversions of existing lines, the interval for 1-9 lines is 5 business days. For conversion quantities of 10 or greater, the interval is negotiated.	
2.	**Digital Two Wire (ISDN Premium) Links**—Appointment per SMARTS. Quantities of 6 or greater new lines will be provided on a negotiated interval subject to facilities availability. For conversions of existing lines, the interval for 1-9 lines is 5 business days. For conversion quantities of 10 or greater, the interval is negotiated.	
3.	**Digital (including ADSL, HDSL, SDSL and IDSL qualified) Two Wire Links**—After pre-qualification is completed, the interval for 1-5 links is 6 business days and the interval for 6-9 links is 12 business days, subject to facilities availability. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.	
4.	**Analog Four Wire Links**—7 business days or SMARTS, whichever is greater. Quantities of 6 or greater new lines will be provided on a negotiated interval subject to facilities availability. For conversions of existing lines, the interval for 1-9 lines is 7 business days. For conversion quantities of 10 or greater, the interval is negotiated.	
5.	**Digital Four Wire (56 KD) Links**—The interval for 1-5 links is 6 business days and the interval for 6-9 links is 12 business days, subject to facilities availability. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.	
6.	**Digital (including HDSL qualified) Four Wire Links**—After pre-qualification is completed, the interval for 1-5 links is 6 business days and the interval for 6-9 links is 12 business days, subject to facilities availability. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.	(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.2	Service and Installation Intervals–Unbundled Network Elements–Links	(N)
A.	(Continued)	
7.	**Digital Designed Links**—Upon completion of link qualification process and receipt of completed work order for digital designed link, 15 business days for construction work, plus normal interval for underlying ADSL-, HDSL-qualified or Premium Link. This interval may be extended in cases of extraordinary spikes in demand, unforecasted demand, or extraordinary construction delays. Quantities of 10 or greater will be provided on a negotiated interval subject to facilities availability.	
8.	**Manual Loop Qualification**—3 business days except in cases of extraordinary spikes in demand or unforecasted demand.	
9.	**Engineering Query**—3 business days except in cases of extraordinary spikes in demand or unforecasted demand.	
10.	**Digital High Capacity**	
a.	**1.5 Mbps**—The interval for 1-9 links is 9 business days (includes loop qualification/facility check) except in cases of extraordinary spikes in demand, or unforecasted demand. Quantities of 10 or greater will be provided on a negotiated interval.	
b.	**45 Mbps**—The interval for 1-4 links is 17 business days where facilities exist. Where facilities don't exist, the interval is based on the facility availability date plus the standard interval. Quantities of 5 or greater will be provided on a negotiated interval.	
11.	**Local Number Portability without Unbundled Links**—The interval for 1-19 lines/numbers is 3 business days and the interval for 20-100 lines/numbers is 20 business days. Quantities of 101 or greater will be provided on a negotiated interval.	
B.	SMARTS is a system that analyzes work required on an order and compares it to available work forces. Local supervisors input the work force availability on a daily basis in advance. The SMARTS clock fills up a day's schedule on a first-in first-out basis until 90% of available force is scheduled. The available force works both maintenance and installation. Reseller and network element orders are in the same queue as the Telephone Company's end users. Intervals can be as short as one day and, in most cases, less than five days. The Telephone Company's target standard of performance is to have 90% of POTS orders provisioned in less than five days. Orders with requested due dates in excess of five days are excluded from this measure.	(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.3	**Service and Installation Intervals–Unbundled Network Elements–Unbundled Local Switching**	(N)
A.	**Line Ports**	
1.	**Analog Line Port, PAL Port and Coin Port After Establishment of Switch Translation Activation**	
a.	1-19 line ports per order – The interval is 2 business days.	
b.	20-100 line ports per order – The interval is 10 business days.	
c.	Other - The interval is negotiated.	
2.	**Wiring to Bay or Hot Cut**—The interval is 5 business days.	
3.	**Basic Rate ISDN Line Port**	
a.	Local 1-12 line ports per order – The interval is 8 business days.	
b.	Over 12 line ports per order – The interval is negotiated.	
4.	**Primary Rate ISDN Line Port**	
a.	1-4 line ports per order – The interval is 20 business days.	
b.	Over 4 line ports per order – The interval is negotiated.	
5.	**DS1 DID/DOD/PBX Port Interface**	
a.	1-4 ports per order – The interval is 20 business days.	
b.	Over 4 ports per order – The interval is negotiated.	
6.	**Integrated Digital Loop Carrier**—The interval is negotiated.	
7.	**Electronic Key Telephone Port**—The interval is negotiated.	
8.	**Feature Change to Line Port**	
a.	Basic feature additions (call waiting, call forwarding, three way calling) if order received by 3PM (EST)—Same business day interval.	
b.	Basic feature additions (call waiting, call forwarding, three way calling) if order received after 3PM (EST)—Next business day interval.	
c.	PIC change if LSR received before 2PM (EST)—Same business day interval.	
d.	PIC change if LSR received after 2PM (EST)—Next business day interval.	
e.	Caller ID—The interval is 4 business days.	
f.	Suspend, block or restore disconnect orders – Translation change/no dispatch—Same business day interval if LSR received before 12 noon (EST).	
g.	Suspend, block or restore – Translation change/no dispatch —Next business day interval if LSR received after 12 noon (EST).	(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.3	**Service and Installation Intervals–Unbundled Network Elements–Unbundled Local Switching**
B.	**Trunk Ports**
1.	For new trunk groups 1-240 trunks (1-10 DS1s) —The interval is 60 business days.
2.	For additions to existing trunk groups 1-96 trunks (1-4 DS1s) —The interval is 30 business days.
3.	Trunks in excess of the preceding quantities—The interval is negotiated.

(N)

3.2.4	**Service and Installation Intervals–Unbundled Network Elements–Unbundled Interoffice Transmission Facilities**
A.	**Dedicated IOF Transport**
1.	**DS1 and DS3** —Subject to availability, for quantities of eight or less, the interval is 15 business days. For quantities more than eight, the interval is negotiated.
2.	**STS-1, OC-3 and OC-12**—The interval is negotiated.
B.	**Dedicated Multiplexer**
1.	**3/1 and 1/0 High Speed Channel**—Subject to availability, for quantities of 8 or less, the interval is 15 business days. For quantities more than eight, the interval is negotiated.
2.	**3/1 and 1/0 Low Speed Channel on an Existing Multiplexer**—Subject to availability, for quantities or eight or less, the interval is 15 business days. For quantities more than eight, the interval is negotiated.

(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.5	Service and Installation Intervals–Unbundled Network Elements–Network Interface Device and House and Riser Cable	(N)
A.	**NID**	
1.	Subject to available facilities, for quantities of 1–9 pairs—Appointment per SMARTS.	
2.	For quantities of ten pairs or more or where facilities do not exist—Negotiated interval.	
B.	**House and Riser Cable**	
1.	Subject to available facilities, for quantities of 1–9 pairs—Appointment per SMARTS.	
2.	Quantities of ten pairs or more or where facilities do not exist—Negotiated interval.	

3.2.6	Service and Installation Intervals–Unbundled Network Elements–Line Sharing	
A.	**Line Sharing**	
1.	1–9 links— After pre-qualification is complete, 6 business days.	
2.	10+ links—Negotiated interval.	(N)

3. Ordering of Service
3.2 Orders for Unbundled Network Elements (UNEs)

3.2.7	Modification
A.	**Expedited Order**
1.	When placing an order for which standard intervals exist, a TC may request a service date that is prior to the standard interval service date. A TC may also request an earlier service date on a pending standard or negotiated interval order. If the Telephone Company agrees to provide service on an expedited basis, expedited order charges will apply as appropriate.
2.	If the Telephone Company is subsequently unable to meet an agreed-upon service date, no expedited order charge will apply unless the missed service date was caused by the TC, its agent or customer.
3.	If additional costs other than any applicable additional labor are to be incurred when a service date on a service order is expedited, the Telephone Company will develop and quote such costs to the TC, obtain TC authorization and bill the TC in accordance with the special construction terms and conditions in the Telephone Company's applicable tariff.

(N)

3.2.8	Cancellation
A.	The full nonrecurring charges for the service applies in connection with all canceled TC service orders.
B.	If the Telephone Company misses a service date for a standard or negotiated interval order by more than 30 days, except due to circumstances such as acts of God, governmental requirements, work stoppages and civil commotion, the TC may cancel the service order without incurring cancellation charges.

(N)

3. Ordering of Service
3.3 Nonrecurring Charges (NRCs)

3.3.1	General
A.	NRCs are one-time charges that apply for a specific work activity. The application of NRCs are contained in each tariff section wherein the specific services are identified.
B.	Service orders must comply with the service order provisions contained in Part A, Section 3.1.1 and Section 3.2.1 of this tariff.

(N)

3.3.2	Description
A.	Unless otherwise stated in the individual tariff section wherein the specific services are identified, the NRCs which commonly apply to services are as set forth herein. In addition to the following NRCs, other NRCs may apply. NRCs may vary depending upon whether the order is for connection or disconnection of service.
1.	**Service Order Charge**— Applies for each order for service that is submitted to the Telephone Company. Expedited order charges apply in accordance with the provisions contained in Section 3.2.7. The Service Order charge applies for all services requested at the same time between the same two premises or the same premises and a collocated interconnection location for the same due date. Each subsequent or additional request will be assessed an additional Service Order charge.
2.	**Manual Intervention Surcharges**— Apply when the Telephone-Company approved electronic ordering system is not used to place an order for services or when an order is sent in requiring corrections and a Telephone Company service representative must intervene. Charges apply in addition to the service order and service connection-other charges. Expedited order charges apply in accordance with the provisions contained in Section 3.2.7.
3.	**Service Connection-Central Office Wiring**— This charge, which recovers the cost of performing the central office wiring, applies for each service installed. Expedited charges apply in accordance with the provisions contained in Section 3.2.7.
4.	**Service Connection-Other**— This charge, which recovers the cost of provisioning the service order (other than the central office wiring costs), applies for each service installed. Expedited charges apply in accordance with the provisions contained in Section 3.2.7.
5.	**Dispatch Out of Hours**— An out of hours dispatch charge will apply per hour when a technician is dispatched during hours not sequential to that technician's normal scheduled tour of duty. This charge has a four hour minimum and any charges thereafter are based on thirty minute increments.
6.	**Installation Dispatch Out**— Applies when a technician is dispatched to install a UNE. This charge applies per location dispatched per occasion.
7.	**Customer Not Ready-In Charge**— Applies when Telephone Company personnel are deployed to work with a customer on a service request at a Telephone Company location according to a pre-negotiated schedule and the customer is not available or ready for the scheduled appointment.
8.	**Customer Not Ready-Out Charge**— Applies when a Telephone Company technician is deployed to a non-Telephone Company premises and either the technician cannot gain access to the premises, the TC is not ready, or a reported trouble is not with the Telephone Company's service.

(N)

3. Ordering of Service
3.3 Nonrecurring Charges (NRCs)

3.3.2	Description	
A.	(Continued)	
9.	**Line and Station Transfer**— Applies whenever the Telephone Company performs a pair swap or otherwise moves a customer's service from one existing loop facility onto another existing loop facility serving the same location.	(N)
10.	**Engineering Query Charge**— Applies when a Telephone Company engineer supplies information to the TC, such as information regarding the type of network modification required to make a facility available.	
11.	**Engineering Work Order Charge**— Applies when the TC's order requires network modifications and the Telephone Company is required to verify facilities availability, design the service, write the work order, and prepare the special bill generated as a result of construction.	
12.	**Clear Defective Pair Charge**— Applies when a technician is physically dispatched to open splices or cable sheathes to locate and repair a trouble in order to make a pair available for a new service installation. Applies where feasible.	
13.	**Reassignment of Non-Working Cable Pair Charge**— Applies when a technician is physically dispatched to disconnect and move a previously dedicated cable pair to use the pair for a new service location.	
14.	**Binder Group Rearrangement Charge**—Applies when a technician is physically dispatched to transfer a service to a different binder group to eliminate spectral interference.	
15.	**Repeater Installation Charge**— Applies when a technician is physically dispatched for the installation of a repeater, repeater shelf, and doubler to provide stronger transmission signals on a circuit.	
16.	**Apparatus Case Installation Charge**— Applies when a technician is physically dispatched for the installation of an apparatus case and includes the testing, turn up, and equipment costs for a DS0 and DS1 circuit.	
17.	**Range Extenders-DS0 Installation Charge**— Applies when a Range Extender is installed in the central office on a copper facility that serves a DS0 circuit where the circuit exceeds acceptable line loss limits.	
18.	**Range Extenders-DS1 Installation Charge**— Applies when a Range Extender is installed in the central office on repeaterless DS1 facilities and enhances the DS1 signal from inside the central office to extend the facility beyond normal distance limitations.	
19.	**Channel Unit to Universal/Cotted DLC System (Existing) Charge**— Applies when a technician is physically dispatched to place, program and test a line card that activates a channel in a carrier system.	
20.	**Serving Terminal-Installation/Upgrade Charge**— Applies to the addition of capacity or upgrade of functionality to an existing carrier system or customer serving terminal.	
21.	**Activate Dead Copper Charge**— Applies when a cable splicer is physically dispatched to open splice cases and connect cable pairs that previously had been disconnected from working plant facilities.	
22.	**Multiplexer – 1/0 – Installation Charge**— Applies to the installation and provisioning of a digital multiplexer that converts a DS1 channel to 24 DS0 channels.	(N)

3. Ordering of Service
3.3 Nonrecurring Charges (NRCs)

3.3.2	Description	
A.	(Continued)	
23.	**Multiplexer – 1/0 – Reconfiguration Charge—** Applies to the manual or remote reconfiguration of the setup or design of a digital multiplexer that converts a DS1 channel to 24 DS0 channels.	(N)
24.	**Multiplexer – 3/1 – Installation Charge—** Applies to the installation and provisioning of a digital multiplexer that combines 28 DS1 channels to a single DS3 channel.	
25.	**Multiplexer – 3/1 – Reconfiguration Charge—** Applies to the manual or remote reconfiguration of the setup or design of a digital multiplexer that combines 28 DS1 channels to a single DS3 channel.	
26.	**Multiplexer – Other – Installation Charge—** Applies on a time and materials basis to the installation and provisioning of a digital multiplexer other than a 1/0 or 3/1 digital multiplexer.	
27.	**Move Drop Charge—** Applies where a technician is physically dispatched to an end user location to move the service drop to the end user's Network Interface Device (NID).	
28.	**Cross Connection – Existing Fiber Facility Charge—** Applies where a technician is physically dispatched for purposes of fiber splicing at a fiber case to complete the circuit to the end user location, and includes the running of a fiber jumper in an existing cabinet or shelf.	
29.	**Line Card-Installation Charge—** Applies to the installation and provisioning of a DS1 equipment line card within an existing apparatus case or shelf.	
30.	**Copper Rearrangement Charge—** Applies where there are insufficient copper cable pairs at a specific location and involves rearrangement of large groups of pairs (multiple customers or inactive pairs) along a cable route.	
31.	**Central Office Terminal Installation Charge—** Applies to the installation and provisioning of a Central Office Terminal (COT), including assembly/mounting of shelves, slotting of cards, cabling (fiber, transmission, power), barcoding, and labeling.	
32.	**IDLC Only Condition Charge—** Applies to the installation of a digital loop carrier or other serving arrangement when IDLC only condition exists.	
33.	**Other Required Modifications—** Applies on time and materials basis when required network modification is outside the scope of other enumerated network modification charges.	
34.	**Removal of Bridged Tap Charge—** Applies when the TC requests that the Telephone Company remove bridged tap from a loop that is less than 18,000 feet that meets Resistance Design criteria as defined in national standards. Applies on a single and multiple occurrence basis. This NRC will not apply when a loop of less than 18,000 feet has bridged taps above 6,000 feet removed so that the total bridged tap length does not exceed 6,000 feet.	(N)

3. Ordering of Service
3.3 Nonrecurring Charges (NRCs)

3.3.2	Description	
A.	(Continued)	
35.	**Removal of Load Coils Charge**— Applies when the TC requests that the Telephone Company remove load coils from a loop that is greater than 18,000 feet that meets Resistance Design criteria as defined in national standards and the TC requests to surpass Resistance Design criteria. This NRC covers the physical maintenance work involved in removing load coils. A TC may request that the Telephone Company remove load coils from multiple loops within the same binder group provided that such loops serve the same premises. Charges are assessed for removing load coils on the first loop and subsequently for each additional loop within the same binder group, and vary depending upon the length of the loop. No charge applies for the remove of load coils on loops of less than 18,000 feet.	(N)
36.	**Addition of ISDN Loop Extension Electronics**— Applies when the Telephone Company adds electronics to the copper portion of a two-wire digital ISDN-capable link so that it may provide service at lengths greater than 18,000 feet.	
37.	**Manual Loop Qualification Charge**— Applies when a TC requests loop information concerning xDSL or Digital Designed Links (refer to Part B, Section 5.4) where the mechanized loop qualification database is not available.	(N)

4. Issuance, Payment and Crediting of Customer Bills
4.1 Responsibility of the Telephone Company

Rates and charges for services explained herein are contained in Part M. Section 1.4.

4.1.1	Billing Convention Methods	
A.	Except as otherwise provided herein, the Telephone Company shall bill accurately on a current basis all charges incurred by and credits due to the CLEC under this tariff attributable to services established or discontinued or provided during the preceding billing period, in accordance with the provisions set forth herein.	(T) (C) (C)
B.	The Telephone Company may bill in advance charges for all services to be provided during the ensuing billing period except for charges associated with service usage, which will be billed in arrears.	

4.1.2	Billing Periods
A.	The billing date of a bill for a customer for service provided under this tariff is referred to as the bill day.
1.	The Telephone Company will establish a bill day each month for each CLEC account.
B.	The monthly bill rendered for accumulated usage and non-usage services includes all charges incurred during a billing period which begins as follows.
1.	From the date service was established up to and including the bill date, and
2.	From each billing period from the day after the bill date to the next successive bill date, or to the date of the termination of the service, whichever comes first.
C.	In addition to the current month's charges, the monthly bill may also include previously unbilled charges or other billing adjustments.

4.1.3	Late Payment Penalty
A.	If any portion of the payment is received by the Telephone Company after the payment date (refer to Section 4.1.4), or if any portion of the payment is received by the Telephone Company in funds which are not immediately available to the Telephone Company, then a late payment penalty shall be due to the Telephone Company.
B.	The late payment penalty shall be the portion of the payment not received by the payment date or not immediately available times a late factor. The late factor shall be the lesser of the following.
1.	The highest interest rate (in decimal value) which may be levied by law for commercial transactions for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company, or
2.	0.0005 per day for the number of days from the payment date to and including the date that the customer actually makes the payment to the Telephone Company.

4. Issuance, Payment and Crediting of Customer Bills
4.1 Responsibility of the Telephone Company

4.1.4	Payment Date	
A.	The payment date of bills rendered to customers for service provided under this tariff is as follows.	
1.	All bills rendered as set forth in Section 4.1.2 are due 31 days after the bill day or by the next bill date, whichever is the shortest interval, except as provided herein, and are payable in immediately available funds.	(C) (C)
2.	If such payment date falls on a Sunday or on a legal holiday which is observed on a Monday, the payment date shall be the first non-holiday day following such Sunday or legal holiday.	
3.	If such payment date falls on a Saturday or on a legal holiday which is observed on Tuesday, Wednesday, Thursday or Friday, the payment date shall be the last non-holiday day preceding such Saturday or legal holiday.	(T)

4.1.5	Medium of Payment
A.	Bills are payable in immediately available funds.
1.	**Immediately Available Funds** denotes a corporate or personal check drawn on a bank account and funds which are available for use by the receiving party on the same day on which they are received and include U.S. Federal Reserve bank wire transfers, U.S. Federal Reserve notes (paper cash), U.S. coins, or U.S. Postal Money Orders.

4.1.6	Customer Deposits	
A.	The Telephone Company may, in order to safeguard its interests, require a CLEC, which has a proven history of late payments, or whose parent company or holding company has a proven history of late payments, to the Telephone Company or does not have established credit (except for a CLEC which is a successor of a company which has established credit and has no history of late payments to the Telephone Company), to make a deposit prior to or at any time after the provision of a service to the CLEC to be held by the Telephone Company as a guarantee of the payment of rates and charges.	(C) (C) (C)
B.	Such deposit may not exceed the actual or estimated rates and charges for the service for a two month period.	
C.	The fact that a deposit has been made in no way relieves the CLEC from complying with the Telephone Company's regulations as to the prompt payment of bills.	
D.	At such time as the provision of the service to the CLEC is terminated, the amount of the deposit will be credited to the CLEC's account and any credit balance which may remain will be refunded.	

4. Issuance, Payment and Crediting of Customer Bills
4.1 Responsibility of the Telephone Company

4.1.6	Customer Deposits
E.	At the option of the Telephone Company, such a deposit will be refunded or credited to the CLECs' account when the CLEC has established credit or after the CLEC has established a one year prompt payment record at any time prior to the termination of the provision of the service to the CLEC.
F.	In the case of a cash deposit, for the period the deposit is held by the Telephone Company, the CLEC will receive interest at a rate equal to the prime rate. Interest will accrue for the number of days from the date the CLEC deposit is received by the Telephone Company to and including the date such deposit is credited to the CLEC's account or the date the deposit is refunded by the Telephone Company.
G.	Should a deposit be credited to the CLEC account, as indicated above, no interest will accrue on the deposit from the date such deposit is credited to the CLEC's account.

4. Issuance, Payment and Crediting of Customer Bills
4.1 Responsibility of the Telephone Company

4.1.7	Billing Dispute	
	The Telephone Company's billing claims procedures may be found on the Telephone Company's wholesale website at http://www22.verizon.com/wholesale/. References to the Telephone Company's website do not represent tariff provisions that have been subject to Commission review and approval. Prior to submission of a billing dispute to the Commission the parties shall follow the provisions set forth in Section 1.12.1.A. In the event that a billing dispute occurs concerning any charges billed to the CLEC by the Telephone Company the following regulations shall apply.	(N) (X)(N) (T)
A.	The first day of the dispute shall be the date on which the CLEC furnishes in writing to the Telephone Company the account number under which the bill has been rendered, the date of the bill and the specific items on the bill being disputed.	
B.	The date of resolution shall be the date on which the Telephone Company completes its investigation of the dispute, notifies the CLEC of the disposition and, if the billing dispute is resolved in favor of the customer, applies credit for the correct disputed amount, the disputed amount penalty and/or late payment penalty as appropriate.	
C.	If a billing dispute is resolved in favor of the Telephone Company, any payments on non-disputed amounts withheld pending resolution of the dispute shall be subject to the late payment penalty (refer to Section 4.1.3). Further, the CLEC will not receive credit for the disputed amount of the disputed amount penalty or for the late payment penalty.	
D.	If a CLEC disputes a bill within three months of the payment date and pays the total billed amount on or before the payment date and the billing dispute is resolved in favor of the CLEC, the CLEC will receive a credit for a disputed amount penalty from the Telephone Company for the period starting with the date of payment and ending on the date of resolution. The credit for a disputed amount penalty shall be as set forth in Section 4.1.3. Absent the need for a system correction, the Telephone Company shall record the credit immediately and shall apply it to the CLEC's billing account number no later than forty-five (45) days or within two (2) billing cycles, whichever is longer, after a determination in favor of the CLEC. In the event a system correction is required or other extenuating circumstances arise, Verizon shall so notify the complaining carrier.	(X)(N) (N)
E.	If a CLEC disputes a bill within three months of the payment date and pays the total billed amount after the payment date and the billing dispute is resolved in favor of the CLEC, the CLEC will receive a credit for a disputed amount penalty from the Telephone Company for the period starting with the date of payment and ending on the date of resolution. The late payment penalty applied to the disputed amount resolved in the CLEC's favor (refer to Section 4.1.3) will be credited. Absent the need for a system correction, the Telephone Company shall record the credit immediately and shall apply it to the CLEC's billing account number no later than forty-five (45) days or within two (2) billing cycles, whichever is longer, after a determination in favor of the CLEC. In the event a system correction is required or other extenuating circumstances arise, Verizon shall so notify the complaining carrier.	(X) (X)(N) (N)

4. Issuance, Payment and Crediting of Customer Bills
4.1 Responsibility of the Telephone Company

4.1.8	Billing Adjustments and Verification	
A.	Adjustments for the quantities of services established or discontinued in any billing period beyond the minimum period set forth for services in other sections of this tariff will be prorated to the number of days or major fraction of days based on a 30 day month.	(X)
B.	The Telephone Company will, upon request and if available, furnish such detailed information as may reasonably be required for verification of any bill.	
C.	When credit adjustments apply, credit adjustments will be computed by apportioning the total intrastate usage associated with the honored claim into day, evening and night periods using the time of day distribution applicable to the CLEC. The usage is then multiplied by the appropriate day, evening and night rates.	(N)

4.1.9	Computation of Billed Charges
A.	When a rate as set forth in this tariff is shown to be more than two decimal places, the charges will be determined using the rate shown. The resulting amount will then be rounded to the nearest penny (i.e., rounded to two decimal places).

4.1.10	Additional Copies of Bills and Reports	
A.	When more than one copy of a bill or a design layout for services provided under the provisions of this tariff is furnished to the CLEC, an additional charge applies for each additional copy. When employees of the Telephone Company perform the necessary work activities, time and material charges are calculated using labor rates as set forth in Part M, Section 1.	(C) (C) (C)

4. Issuance, Payment and Crediting of Customer Bills
4.3 Credit Allowance Conditions

4.3.1	Service Interruptions	
A.	The TC is expected to monitor its service to its end users. When such service is composed of network elements provided by the Telephone Company, and a trouble occurs on this service, the TC is expected to test the service and to isolate the trouble to a specific element. If the TC determines that the trouble exists in any network element provided by the Telephone Company, the TC will issue a trouble report, including appropriate dispatch instructions, to the Telephone Company. Service credits for the duration of the outage are applied as follows.	(N)
1.	For any complete failure of service (1) caused by defects in or malfunctions of Telephone Company facilities or equipment, (2) that is not due to the negligence of the customer, (3) that continues for more than 24 hours, and (4) that is brought to the notice of the Telephone Company within 10 days, the Telephone Company will make a prorata adjustment of charges. For the purposes of determining a prorata adjustment, every month is considered to have 30 days.	
2.	No interruption allowance shall be made for failures in facilities provided by an interconnector.	
3.	Nor shall the interruption allowance apply where element functionality is interrupted by the negligence or willful act of the TC, where the Telephone Company, pursuant to the terms herein, suspends or terminates services because of nonpayment of bills due to the Telephone Company, unlawful or improper use of the facilities or service, or interruptions due to electric power failure where, by the provisions of this tariff, the TC or its end user (or other involved party) is responsible for providing electric power.	
4.	The service credit allowance shall be the sole and exclusive remedy for any interruption of service or functionality in connection with the provision of an unbundled element(s) pursuant to these terms and conditions.	(N)
B.	A service is interrupted when it becomes unusable to the CLEC because of a failure of a facility component used to furnish service under this tariff or in the event that the protective controls applied by the Telephone Company result in the complete loss of service by the CLEC as described in Part C, Section 1.3.2. An interruption period starts when an inoperative service is reported to the Telephone Company and ends when the service is operative.	(T)
C.	No credit allowance will be made for the following interruptions or periods.	(T)
1.	Interruptions caused by the negligence of the CLEC.	
2.	Interruptions of a service due to the failure of equipment or systems provided by the CLEC or others.	
3.	Interruptions of a service during any period in which the Telephone Company is not afforded access to the premises where the service is terminated or where the CLEC or its customers, affiliates or vendors do not cooperate with the Telephone Company in the restoration of service.	
4.	Interruptions of a service when the CLEC has released that service to the Telephone Company for maintenance purposes, to make rearrangements, or for the implementation of an order for a change in the service during the time that was negotiated with the CLEC prior to the release of that service. Thereafter, the applicable credit allowance for the service involved (set forth further in this section), will apply.	

4. Issuance, Payment and Crediting of Customer Bills
4.3 Credit Allowance Conditions

4.3.1	Service Interruptions	
C.	(Continued)	
5.	Interruptions of a service which continue because of the failure of the CLEC to authorize replacement of any element of special construction, as set forth in NHPUC No. 83. The period for which no credit allowance is made begins on the seventh day after the CLEC receives the Telephone Company's written notification of the need for such replacement and ends on the day after receipt by the Telephone Company of the CLEC's written authorization for such replacement.	
6.	Periods when the CLEC elects not to release the service for testing and/or repair and continues to use it on a impaired basis.	
7.	Periods of temporary discontinuance as set forth in Part A, Section 1, under the provisions of Part A, Section 1.7.4B.	
8.	An interruption or a group of interruptions, resulting from a common cause, for amounts of less than one dollar.	
D.	In case of an interruption for which a credit allowance is due, for switched interconnection service no credit shall be allowed for an interruption of less than 24 hours unless requested by the CLEC and agreed to by the Telephone Company.	(T) (C) (C)
1.	The CLEC shall be credited for an interruption of 24 hours or more at the rate of 1/30 of the sum of either any applicable recurring monthly rate, or the assumed minutes of use charge (whichever is applicable for the service involved), for each period of 24 hours or major fraction thereof that service interruption continues due to Telephone Company fault in any one monthly billing period.	(X) (C) (C) (C)
E.	The credit allowance(s) for an interruption or for a series of interruptions shall not exceed the sum of any applicable flat rated charges for the service interrupted in any one monthly billing period.	(T)
F.	**Alternate Service**	(C)
1.	Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted not due to the fault of the Telephone Company, the customer will be subject to the appropriate tariffed rates and charges for the alternative service used.	
2.	Should the customer elect to use an alternative service provided by the Telephone Company during the period that a service is interrupted due to the fault of the Telephone Company, the customer will be responsible only for the payment of rates associated with the original service.	(C)
G.	In certain instances, the customer may be requested by the Telephone Company to surrender a service for purposes other than maintenance, testing or activity relating to a service order. If the customer consents, a credit allowance will be granted.	(T)
1.	The credit allowance will be 1/1440 of the monthly rate for each period of 30 minutes or fraction thereof that the service is surrendered. In no case will the credit allowance exceed the monthly rate for the service surrendered in any one monthly billing period.	

4. Issuance, Payment and Crediting of Customer Bills
4.4 Responsibility of the Customer

4.4.1	Revenue Accounting Office (RAO)
A.	The CLEC is responsible to obtain a valid RAO number with a centralized message data system host for that RAO for each of its NXXs in order to permit the exchange of usage data associated with alternate billing services (e.g., 3rd party billed) or carrier access billing under tandem switching arrangements.
1.	The RAO and data transfers must comply with industry standard exchange message format.

4.4.2	Establishing Service at Different Locations or Different Premises
A.	NRCs apply for establishing service following a fire, flood or other occurrence, at a different location on the same premises or at a different premises pending re-establishment of service at the original location. NRCs do not apply for the re-establishment of service following a fire, flood or other occurrence attributed to an Act of God under the following conditions.
1.	The service is of the same type as was provided prior to the fire, flood and other occurrence.
2.	The service is for the same customer and the service is at the same location on the same premises.
3.	The re-establishment of service begins within 60 days after Telephone Company service is available. The 60 day period may be extended for a reasonable period if the renovation of the original location on the premises affected is not practical within the allotted time period.

4.4.3	State and Local Taxes	
A.	Each party purchasing services hereunder shall pay or otherwise be responsible for all federal, state or local sales, use, excise, gross receipts, transactions or similar taxes, fees or surcharges levied against or upon such purchasing party (or the providing party when such providing party is permitted to pass along to the purchasing party such taxes, fees or surcharges), except for any tax on either party's corporate existence, status or income (other than income taxes included in rates through the computation of carrying charge factors). Whenever possible, these amounts shall be billed as a separate item on the invoice.	(N) (N)

5. Wire Centers by Density Zone (C)

5.1 Loop Application (N)

5.1.1	Urban
A.	Berlin
B.	Claremont
C.	Concord
D.	Durham
E.	Manchester
F.	Nashua
G.	Portsmouth
H.	Somersworth
I.	So Nashua

5.1.2	Suburban
A.	Atkinson
B.	Barrington
C.	Bedford
D.	Derry
E.	Dover
F.	Exeter
G.	Farmington
H.	Franklin
I.	Glendale
J.	Goffstown
K.	Hampstead
L.	Hampton
M.	Hanover
N.	Jaffrey
O.	Keene
P.	Kingston
Q.	Laconia
R.	Lancaster
S.	Lebanon
T.	Littleton

(N)

5. Wire Centers by Density Zone

5.1 Loop Application

5.1.2	Suburban
U.	Merrimack
V.	Milford
W.	Newmarket
X.	North Conway
Y.	Pelham
Z.	Penacook
AA.	Peterborough
BB.	Plaistow
CC.	Plymouth
DD.	Rochester
EE.	Rye Beach
FF.	Salem
GG.	Seabrook
HH.	Suncook
II.	Tilton
JJ.	Troy
KK.	Waterville Valley
LL.	Weirs
MM.	Wolfeboro

(N)

(N)

5. Wire Centers by Density Zone

5.1 Loop Application (N)

5.1.3	Rural
A.	Alstead
B.	Ashland
C.	Bartlett
D.	Belmont
E.	Bethlehem
F.	Bristol
G.	Campton
H.	Canaan
I.	Candia
J.	Canterbury
K.	Center Harbor
L.	Center Ossipee
M.	Center Sandwich
N.	Charlestown
O.	Colebrook
P.	Conway
Q.	Danbury
R.	Deerfield
S.	Dublin
T.	Enfield
U.	Epping
V.	Epsom
W.	Errol
X.	Fitzwilliam

(N)

5. Wire Centers by Density Zone
5.1 Loop Application

5.1.3	Rural	(N)
Y.	Franconia	
Z.	Gorham	
AA.	Greenfield	
BB.	Greenville	
CC.	Groveton	
DD.	Hancock	
EE.	Harrisville	
FF.	Hinsdale	
GG.	Jackson	
HH.	Jefferson	
II.	Lisbon	
JJ.	Lyme	
KK.	Madison	
LL.	Marlborough	
MM.	Marlow	
NN.	Meredith	
OO.	Milan	
PP.	Milton	
QQ.	Milton Mills	
RR.	Moultonboro	
SS.	New Boston	
TT.	Newport	
UU.	North Haverhill	
VV.	North Stratford	(N)

5. Wire Centers by Density Zone
5.1 Loop Application

5.1.3	Rural	(N)
WW.	North Woodstock	
XX.	Northwood	
YY.	Pike	
ZZ.	Pittsburg	
AAA.	Pittsfield	
BBB.	Raymond	
CCC.	Rindge	
DDD.	Rumney	
EEE.	Sanbornville	
FFF.	Spofford	
GGG.	Sullivan	
HHH.	Sunapee	
III.	Tamworth	
JJJ.	Twin Mountain	
KKK.	Walpole	
LLL.	Warren	
MMM.	West Stewartstown	
NNN.	Westmoreland	
OOO.	Whitefield	
PPP.	Winchester	
QQQ.	Woodsville	(N)

1. Unbundled Network Elements (UNEs)
1.1 Description

1.1.1	General	
A.	**Network Elements** are a facility or equipment used in the provision of a telecommunications service. Network elements also include features, functions, and capabilities that are provided by means of such facility or equipment, including subscriber numbers, databases, signaling systems, and information sufficient for billing and collection or used in the transmission, routing, or other provisioning of a telecommunications service.	
1.	In accordance with, but only to the extent required by 47 U.S.C. § 251(c)(3) and 47 C.F.R. Part 51, the Telephone Company shall make such routine network modifications as are necessary to permit access by a TC to the loop, dedicated transport, or dark fiber transport facilities where such facilities have already been constructed. Routine network modifications, may include, but are not limited to: rearranging of in-place cable at existing splice points; adding an apparatus case; adding a range extender; placing a new channel unit; line and station transfers; activating dead copper cable; clearing a defective pair; deploying a new multiplexer or reconfiguring an existing multiplexer; removal of bridged taps; and removal of load coils. When such network modifications are required, it is the TC's obligation to cancel the service order if it does not wish to proceed and pay for such modifications. When such network modifications are undertaken, standard provisioning intervals do not apply. Routine network modifications do not include the construction of a new loop, trenching or the installation of new aerial or buried cable. The Telephone Company will make such routine network modifications at the rates and charges set forth in Part M, which are described in Part A, Section 3.3.2.	(N) (N)
B.	The Telephone Company provides non-discriminatory access to UNEs where deployed and to the extent technically feasible such that a requesting TC will be able to lease and interconnect to whichever of the network elements the TC requests. The TC may combine such elements itself to provide telecommunications services. This enables the TC to provide local exchange and exchange access to the public.	

Lisa Thorne

1. Unbundled Network Elements (UNEs)
1.1 Description

1.1.2	Regulations	
A.	Requests for network elements not listed herein can be made via a Bona Fide Request (BFR).	(X)
B.	All pre-ordering, ordering, provisioning, maintenance and billing requests will be handled through DCAS or its successor system.	(X)

1. Unbundled Network Elements (UNEs)
1.1 Description

1.1.3	Timing and Rating of Usage	(N)
A.	Time of day usage rates apply on a per access minute, per call basis and are based on the period of the day when the usage occurs. Time of day usage rates are accumulated over a monthly period. Time of day usage rates are applied to unbundled network elements. The time (standard or daylight savings) when the connection is established legally governs whether day, evening or night rates apply.	
1.	Day rates apply Monday through Friday from 8AM to, but not including, 5PM.	
2.	Evening rates apply Sunday through Friday from 5PM to, but not including, 11PM.	
3.	Night rates apply Sunday through Thursday from 11PM to, but not including, 8AM and weekends (Friday through Sunday) from 11PM to, but not including, 5PM.	
a.	On Christmas Day (December 25), New Year's Day (January 1), Independence Day (July 4), Thanksgiving Day, Labor Day, and on resulting legal holidays when Christmas, New Year's or Independence Day legal holidays fall on dates other than December 25, January 1, or July 4, respectively, the holiday rate applicable is the evening rate unless a lower rate would normally apply.	
B.	Where usage begins in one rate period and ends in another, the rates in effect for the rate period in which such usage began will apply until the Telephone Company implements actual rate period billing (i.e., split rate period billing). When split rate period billing is available, usage which begins in one rate period and ends in another will be billed at rates applicable to each such rate period.	(N)

2. Unbundled IOF Transport
2.1 Description (N)

2.1.1	General
A.	The Telephone Company provides access to unbundled common transmission facilities between the following central office points.
1.	End offices and tandems
2.	End offices and end offices
3.	End offices and TC switches
B.	Unbundled common transport between an end office and tandem or between two Telephone Company end offices may only be purchased in connection with Telephone Company unbundled switching. It allows a TC access to unbundled common transmission facilities, routing on the same basis that the Telephone Company routes and delivers its own traffic. A diagram of unbundled common transport is shown in Exhibit 2.1.1-1.
C.	Unbundled dedicated IOF transport provides TC exclusive use of a point-to-point transmission facility between central offices in the same LATA. The Telephone Company provides access to unbundled dedicated transmission facilities between the following points.
1.	Telephone Company central offices
2.	Telephone Company central offices and those of TCs
3.	Existing collocation nodes
4.	Telephone Company point of interface and TC point of interface
a.	This includes, at a minimum, interoffice facilities between end offices and serving wire centers, serving wire centers and interexchange carriers' points of presence (IXC POP), tandem switches and serving wire centers, end offices or tandems (including Traffic Operator Position System [TOPS] tandem) of the Telephone Company and the wire centers of the Telephone Company and the TC.
b.	When unbundled dedicated transport terminates in a Telephone Company central office, it must terminate in a collocation node. Acces to these elements where collocation may not be required may be found in Part B, Sections 13 and 15 following relating to certain network element combinations.
D.	The network elements must be ordered individually and may be recombined by the TC as part of a network plan.
1.	IOF unbundled network elements are as follows: DS1, DS3, STS-1, OC-3 (point-to-point, not rings,) OC-12 (point-to-point, not rings), Multiplexing (DS3 to DS1 and DS1 to DSO). (N)

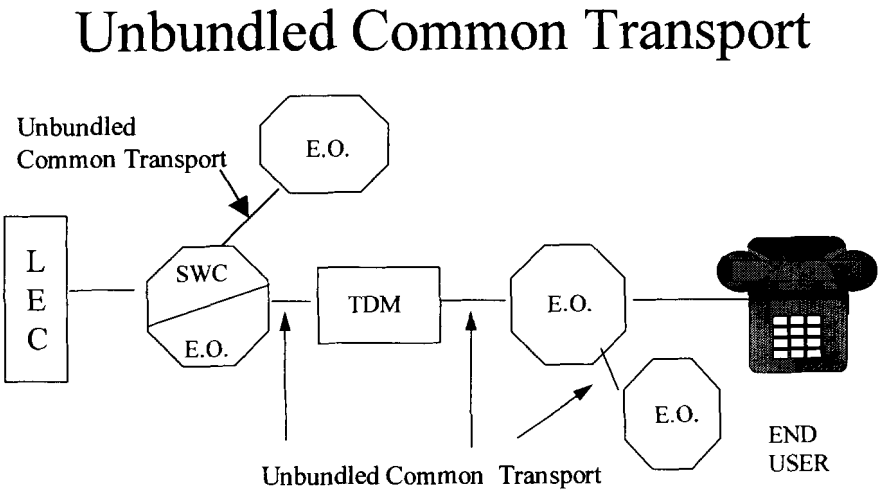
2. Unbundled IOF Transport
2.1 Description

2.1.1	General	(N)
E.	The following digital connections which are provided through unbundled dedicated IOF transport are differentiated by bit rate and are offered with an electrical interface. Diagrams of unbundled dedicated DS1 and DS3 IOF transport are shown in Exhibits 2.1.1-2 and 2.1.1-3.	
1.	**Unbundled Dedicated DS1 IOF Transport**— A high capacity channel for the transmission of digital data at the rate of 1.544 Mbps.	
2.	**Unbundled Dedicated DS3 IOF Transport**— A high capacity channel for the transmission of digital data at the rate of 44.736 Mbps.	
F.	**Optical Carrier (OC) Levels (SONET**—Provide a range of bandwidths as specified in GR-253-CORE and associated ANSI standards. A diagram of unbundled dedicated OC-n IOF transport is shown in Exhibit 2.1.1-4. The Telephone Company will provide interfaces at the following OC Levels.	
1.	**OC-3**—155.52 Mbps.	
2.	**OC-12**—622.08 Mbps.	
G.	The physical interface for all optical carrier rates is optical fiber. The characteristics of this interface are also specified in GR-253-CORE.	
H.	**Synchronous Transport Signal - Level 1 (STS-1)**— Provides a total bandwidth of 51.84 Mbps, including both overhead and payload. The interface must conform with GR-253–CORE which defines SONET requirements.	(N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

Exhibit 2.1.1-1
Unbundled Common Transport

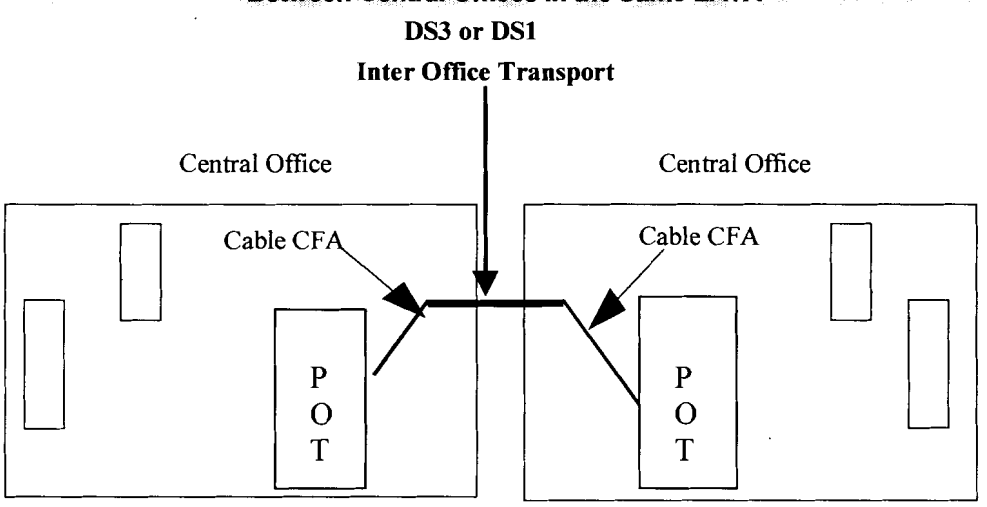


Calls routed on unbundled common trunks will be billed an unbundled common transport charge (UTCTC) by minutes of use (MOU), rated from the originating TC node to a Telephone Company end office based on a composite rate which includes directly routed traffic and tandem routed traffic. The formula for calculation of this charge may be found in Part B, Section 6.3. The MOU charge will be aggregated at the Telephone Company end office switch and rounded up to the next whole minute each month. (N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

Exhibit 2.1.1-2
Unbundled Dedicated DS1 or DS3 IOF Transport
Between Central Offices in the Same LATA



DS1 or DS3 IOF between Central Offices can be used in conjunction with transport between end offices; transport between an end office and a serving wire center; or transport between a tandem switch and end office.

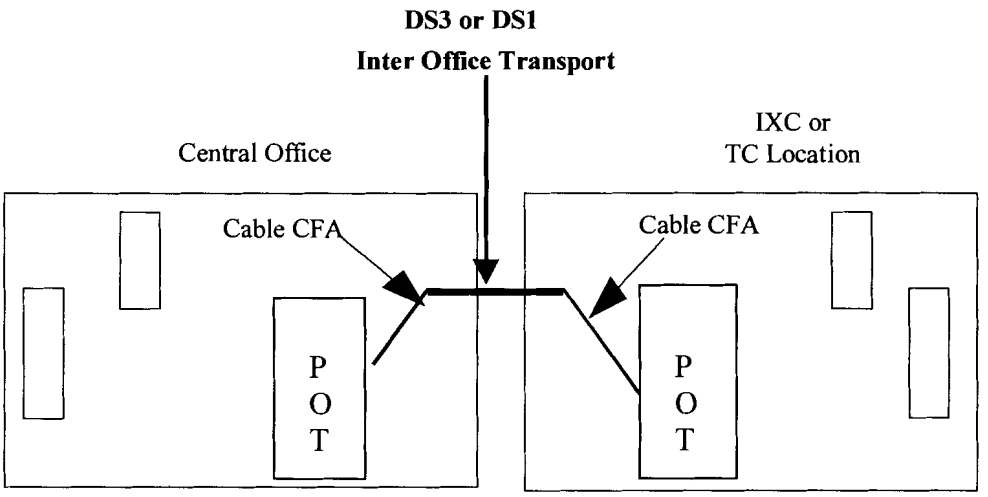
Recurring	Nonrecurring
DS1 = Yes	DS1 = Yes
Fixed Mileage	
Per Mile	
SAC = Yes	SAC = No
(2 SAC charges are applicable, 1 at each POT bay)	
DS3 = Yes	DS3 = Yes
Fixed Mileage	
Per Mile	
SAC = Yes	SAC = No
(2 SAC charges are applicable, 1 at each POT bay)	

The heavy line and/or bold element outlined in the diagram is the unbundled network element that is being provisioned. Therefore, applicable NRCs are required for the installation of the UNE. (N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

Exhibit 2.1.1-3
Unbundled Dedicated DS1 or DS3 IOF Transport
Between Existing POT Bay and IXC or TC Location



DS1 or DS3 IOF between existing POT bay and IXC or TC location can be used in conjunction with transport between an end office or serving wire center and the IXC POP; between an end office or serving wire center and a TC location; between a tandem switch and an IXC POP; between a tandem switch and a TC location; between a Telephone Company point of interconnection and a TC location; or between a tandem point of interconnection and a TC location.

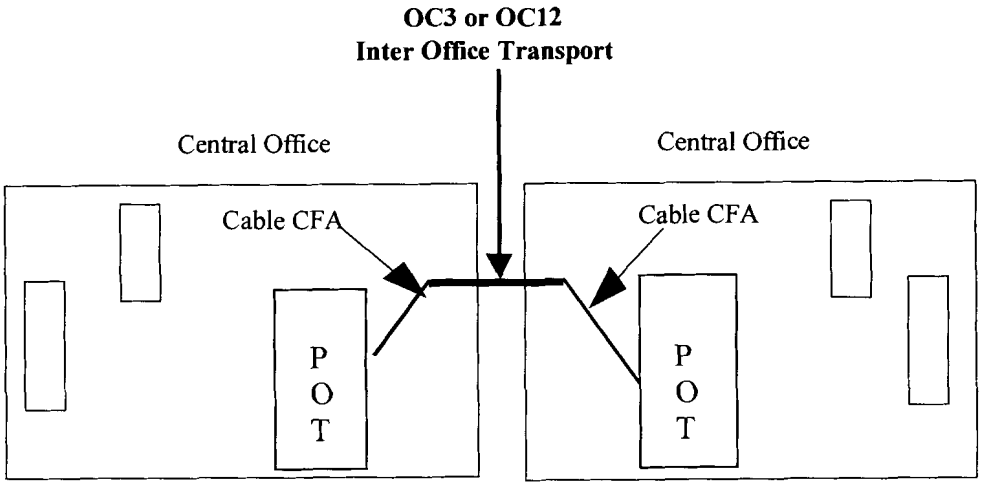
Recurring	Nonrecurring
DS1 = Yes Fixed Mileage Per Mile	DS1 = Yes
POT Bay SAC Charge = Yes (1 SAC at POT bay)	POT Bay SAC Charge = No
DS3 = Yes Fixed Mileage Per Mile	DS3 = Yes
POT Bay SAC Charge = Yes (1 SAC at POT bay)	POT Bay SAC Charge = No

The heavy line and/or bold element outlined in the diagram is the unbundled network element that is being provisioned. Therefore, applicable NRCs are required for the installation of the UNE. (N)

2. Unbundled IOF Transport
2.1 Description

2.1.1 General (N)

Exhibit 2.1.1-4
Unbundled Dedicated OC3 or OC12 IOF Transport
Between Existing Collocation Arrangements in Central Offices (FDF to FDF)



OC-n between existing collocation arrangements in central offices (FDF to FDF) can be used in conjunction with transport between end offices; transport between an end office and a serving wire center; and transport between a tandem switch and end office.

Recurring	Nonrecurring
OC-n = Yes	OC-n = Yes
Fixed Mileage	
Per Mile	
POT Bay SAC Charge = Yes	POT Bay SAC Charge = No

IAC will be applicable for virtual collocation node connection in place of POT Bay SAC when connecting to virtual.
The heavy line and/or bold element outlined in the diagram is the unbundled network element that is being provisioned. Therefore, applicable NRCs are required for the installation of the UNE. (N)

2. Unbundled IOF Transport
2.1 Description

2.1.2	Description	
A.	The purpose of unbundled IOF is for use with other unbundled network elements for the provision of telephone exchange and associated exchange access services. Rates are used in connection with the provision of interconnection services as discussed in Part C.	(N)
1.	Rates associated with channel mileage apply monthly on a fixed and per mile basis.	
B.	The Telephone Company will provide interconnection to the transmission capabilities of the interoffice network at the following physical access points.	
1.	**Manual Digital Cross-Connects**—Metallic access to digital transport and multiplexing will be provided at the Telephone Company's DSX-n bays or at the collocation arrangement dedicated to the individual TC. Where POT bays are used, cabling between the POT bay and the Telephone Company DSX must meet appropriate shielding and construction requirements for the application (e.g., ABAM for DS1 and coaxial cable for DS3). DSX panels at the POT bays are provided at the DS1 and DS3 interface rates. Interface rates above DS3 may require a different panel at the POT bay depending upon the transmission requirements and the cabling limitations of these transport rates.	
2.	**Main Distributing Frames (MDF)**—In general, the MDF will not be used for digital interoffice facilities access. The MDF is designed to provide manual cross-connection of voice-grade transmission and may not meet the requirements for digital transmission.	
3.	**Fiber Distribution Frames (FDF)**—Fiber access to optical transport will be provided at the Telephone Company fiber distributing frame (FDF) bays at a fiber point of termination (POT) bay dedicated to the individual TC.	
a.	The TC's collocation arrangement must be equipped to handle an optical handoff (i.e., fiber cross connections from the POT bay to the Telephone Company FDF). If the collocation site is not so equipped, it must be augmented with the proper cross connects before the TC submits its request for unbundled Ocn IOF transport.	
b.	Where a POT bay is used, interconnection between the POT and the Telephone Company FDF will be via standard single-mode 72 fiber cables at both ends. The LGX shelf on the POT bay is an interconnect bay with direct connection between the TC's fibers at the fiber POT bay and the Telephone Company FDF. The Telephone Company has standardized the SC/PC connector for use in its network because of its superior cost/performance characteristics; therefore, the TC will need to match this connector on their side of the POT using a 72 fiber breakout cable.	
C.	The Telephone Company will not provide unbundled SONET rings.	
D.	Dedicated IOF is provided as a point to point facility where both ends of the circuit are at the same transmission rate.	
E.	Dedicated IOF is not provided with mid span meets.	
F.	The Telephone Company is not required to construct new transport facilities to meet specific TC point to point demand for facilities that the Telephone Company has not deployed for its own use.	(N)

2. Unbundled IOF Transport
2.2 Application of Rates and Charges

2.2.1	Channel Mileage
A.	The mileage measurement to be used to determine the fixed and per mile monthly rates is calculated on the airline distance between the following locations.
1.	Central office to another central office
2.	Central office to a serving wire center
3.	Tandem to central office
4.	Tandem to serving wire center
5.	Central office or serving wire center and the serving wire center of the interexchange carrier point of presence
6.	Central office or serving wire center and the TC location or the interexchange carrier point of presence
7.	Tandem to the serving wire center of the interexchange carrier point of presence
8.	Tandem to the TC location or the interexchange carrier point of presence
B.	To determine the rate to be billed, first compute the mileage using the V&H coordinates method, as set forth in the NECA Tariff FCC No. 4. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then multiply the mileage by the appropriate per mile rate. The amount to be billed will be the product of this calculation plus the fixed rate.

2.2.2	NRCs	
A.	The following NRCs apply (refer to Part A, Section 3).	
1.	Service Order (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring (on a standard basis or an expedited basis, as appropriate).	
3.	Service Connection-Other (on a standard basis or an expedited basis, as appropriate).	
4.	Engineering Query – applies on a standard basis or an expedited basis, as appropriate.	(N)
5.	Engineering Work Order – applies on a standard basis or an expedited basis, as appropriate.	
6.	Multiplexer – 1/0 – Installation	
7.	Multiplexer – 1/0 – Reconfiguration	
8.	Multiplexer – 3/1 – Installation	
9.	Multiplexer – 3/1 – Reconfiguration	
10.	Multiplexer – Other – Installation	(N)

2. Unbundled IOF Transport
2.2 Application of Rates and Charges

2.2.2	NRCs	
A.	Continued	
11.	Cross-Connection – Existing Fiber Facility	(N)
12.	Line Card – Installation	
13.	Other Required Modifications	(N)

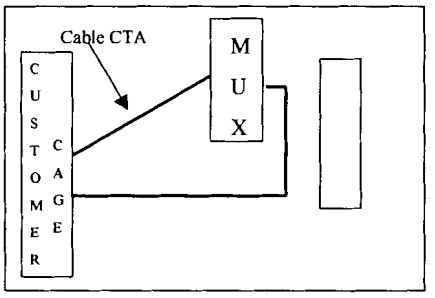
2.2.3	Other Charges	(X)
A.	When accessing unbundled dedicated IOF transport from a collocation arrangement, appropriate collocation cross connect charges will apply.	
B.	A recurring service access charge (SAC) element will apply for the demarcation connection to a Node or POT bay.	
C.	A recurring interconnection access charge (IAC) element will apply for the demarcation connection to a Node or POT bay.	
D.	There will be a recurring charge for a multiplexer at each location where the multiplexing function is performed. Multiplexing can be performed for DS3 to DS1 and DS1 to DS0.	
E.	SS7 translation charges may apply for new interoffice facilities.	(X)

3. Unbundled Multiplexer
3.1 Description

3.1.1	General	(N)
A.	The unbundled multiplexer provides the TC exclusive use of the multiplexing function for both the higher-speed channel and the lower-speed channels that terminate (via appropriate collocation cross-connections) at the TC's collocation arrangement, in the same central office. A diagram of unbundled multiplexer is shown in Exhibit 3.1.1-1.	
1.	**DS3 to DS1 (3/1)**	
2.	**DS1 to DS0 (1/0)**	
B.	DS3 to DS1 or DS1 to DS0 Multiplexer can be used in conjunction with transport between the following locations.	
1.	End office or serving wire center and an IXC POP	
2.	End office or serving wire center and a TC location	
3.	Tandem switch and an IXC POP	
4.	Tandem switch and a TC location	
5.	Telephone Company point of interconnection and a TC location	
6.	Tandem POI and a TC location	

Exhibit 3.1.1-1
DS3 to DS1 or DS1 to DS0 Multiplexer
Connected to existing TC Customer Cage (POT Bay)

Central Office



DS3 to DS1or DS1 to DSO Multiplexer

Recurring	Nonrecurring
DS3/1 Mux = Yes - POT Bay SAC Charge = Yes (1 DS3 POT Bay SAC Charge applies; 28 DS1 POT Bay SAC Charges apply)	DS3/1 Mux = No - POT Bay SAC Charge = No
DS1/0 Mux = Yes - POT Bay SAC Charge = Yes (1 DS1 POT Bay SAC Charge applies; 24 DS0 POT Bay SAC Charges apply)	DS1/0 Mux = No - POT Bay SAC Charge = No

IAC will be applicable for virtual collocation node connection in place of POT Bay SAC when connecting to virtual. (N)

3. Unbundled Multiplexer
3.2 Application of Rates and Charges

3.2.1	Monthly
A.	A monthly charge applies for each multiplexer at each location where the multiplexing function is performed. This charge is in addition to charges for individual channels activated.
B.	IAC will be applicable for virtual collocation node connection in place of POT bay SAC when connecting to virtual.

(N)

3.2.2	NRCs
A.	The following NRCs apply as set forth in Part A, Section 3.
1.	Service Order

(N)

4. Tandem Switching
4.1 Description

4.1.1	General	
A.	The tandem switching network element consists of the following components.	(N)
1.	**Dedicated Tandem Trunk Ports** have a DS1 bandwidth capable of supporting twenty-four 56 kbps or 64 kbps clear channel trunks and include associated signaling and transmission options. Dedicated trunk ports are rated using a flat monthly (recurring) rate as well as NRCs.	
2.	**Shared Tandem Trunk Ports** provide tandem connectivity by routing customer's traffic over the Telephone Company's unbundled common transport interoffice facility (IOF) infrastructure. Shared trunk ports are rated on a minutes of use (MOU) basis.	
3.	**Tandem Usage** is recorded for purposes of unbundled element billing for usage traversing a Telephone Company tandem. The tandem usage charge is measured as MOU.	
a.	Tandem transit and tandem subtending arrangements are provided elsewhere in this tariff.	(N)

4. Tandem Switching
4.2 Regulations

4.2.1	Description	
A.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company Direct Customer Access Service (DCAS) system or its successor system.	(N)
B.	Prior to the ordering of any unbundled trunk ports, the TC must initiate a Network Design Request (NDR). From the NDR and working with the TC, the Telephone company will identify the routings of the TC's traffic and the resulting necessary translations. The NDR process concludes when the TCs network is in place to enable the activation of unbundled end office switching.	
1.	The description and charges for the NDR process are set forth in Part B, Section 6.1.6H and Part M, Section 2.6.1.	
C.	Dedicated trunk port features cannot be ordered on shared tandem trunk ports.	
D.	When TCs purchase dedicated tandem trunk ports, they are expected to purchase sufficient tandem trunk ports to reach industry standard blocking levels. Overflow to Telephone Company shared/common trunks is not allowed.	(N)

4. Tandem Switching
4.3 Application of Rates and Charges

4.3.1	Description	
A.	Monthly rates apply.	(N)
B.	Usage charges apply.	
C.	SS7 translations charges may apply for new tandem switching facilities.	
D.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Manual Intervention Surcharge (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring (on a standard basis or an expedited basis, as appropriate).	
3.	Service Connection-Other (on a standard basis or an expedited basis, as appropriate).	(N)

5. Links (Local Loops)
5.1 Two Wire Links

5.1.1	Description
A.	Links provide a transmission facility between a distribution frame, or its equivalent, in the Telephone Company's central office, and the network interface device at the end user's premises. Links are always provisioned with a Telephone Company provided NID.
B.	**Two Wire Links**— Available for the transmission of analog or digital signals between the Telephone Company's central office and the network interface device at the end user's premises.
1.	**Analog (Basic Link)**— Provides a channel for the transmission of analog signals with an approximate bandwidth of 300-3000 Hz from an end user's premises to a point of interconnection at a collocation arrangement in the Telephone Company's central office or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in Section 13. To avoid unacceptable network interference, the analog two wire link should not be used in the provision of xDSL services. In the case of UNE-Platform service as set forth in Section 15, the two-wire link is provided from an end user to a Telephone Company line port. Where the Telephone Company has utilized integrated digital loop carrier (IDLC) in the network, requests for two-wire links will be provisioned where alternate facilities exist, without the need for a BFR from the TC..
2.	**Digital (Premium Link)**— Provides an enhanced channel, equivalent to a two-wire loop less than 18,000 feet with total bridge tap less than 6,000 feet, from an end user's premises to a point of interconnection at a collocation arrangement in the Telephone Company's serving central office or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in Section 3. Digital two wire link facilities are equivalent to those used by the Telephone Company to support the Telephone Company's ISDN Basic Service which operates digital signals at 160 kbps. In the case of UNE-Platform service as set forth in Section 15, the digital two-wire link is provided from an end user to a Telephone Company Basic ISDN port.

(N)

5.1.2	Responsibility of the Telephone Company
A.	The Telephone Company will make trouble report status available to the TC.
B.	The suspension/termination of a TC's link for non-payment or for a cause other than non-payment will result in the suspension/termination of the link. The Telephone Company will notify the TC prior to the termination date.

5.1.3	Responsibility of the TC
A.	The TC is responsible for coordinating with the Telephone Company to ensure that the unbundled element is installed in accordance with the TC's request.
B.	The TC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports. The Telephone Company is responsible for testing, if necessary, with the TC to clear a trouble when the trouble has been previously sectionalized to the link.
C.	The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.

(N)

5. Local Loops
5.1 Two Wire Links

5.1.4	Regulations
A.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company's Direct Customer Access Service (DCAS) system or its successor system.
B.	A change from one TC to another is considered a disconnect of the two-wire link from the original TC and a connect of a two-wire link with the new TC.
C.	A conversion from a two-wire link to full service will be considered a disconnect from a TC and a connect to a Telephone Company end user.

5.1.5	Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring	
3.	Service Connection-Other	
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).	
5.	Installation Dispatch Out	
6.	Customer Misdirect-In	
7.	Customer Misdirect-Out	
8.	Customer Not Ready-Out	
9.	Dispatch Out of Hours	
10.	Engineering Query Charge - applies on a standard basis, or an expedited basis, as appropriate.	(N)
11.	Line and Station Transfer - applies on a standard basis, or an expedited basis, as appropriate.	
12.	Clear Defective Pair	
13.	Reassignment of Non-Working Cable Pair	
14.	Binder Group Reassignment	
15.	Repeater – Installation	
16.	Apparatus Case – Installation	
17.	Range Extenders – DS0 Installation	
18.	Channel Unit to Universal/Cotted DLC System (Existing)	
19.	Serving Terminal-Installation/Upgrade	(N)

5. Local Loops
5.1 Two Wire Links

5.1.5	Application of Rates and Charges	
A.	Continued	
20.	Activate Dead Copper	(N)
21.	Multiplexer 1/0 – Installation	
22.	Multiplexer 1/0 – Reconfiguration	
23.	Multiplexer – Other – Installation	
24.	Move Drop	
25.	Copper Rearrangement	
26.	Central Office Terminal – Installation	
27.	IDLC Only Condition	
28.	Other Required Modifications	
29.	Remove Bridged Taps - applies on a single and multiple basis, and on a standard basis or an expedited basis, as appropriate.	
30.	Remove Load Coils - applies on an initial and additional occurrence basis, and on a standard basis, or an expedited basis, as appropriate, and varies depending upon the length of the loop.	
31.	Addition of ISDN Loop Extension Electronics	(N)
B.	Geographically deaveraged monthly rates apply per link.	(X)
C.	A service access charge element contained in Part E (collocation) applies.	(X)

5. Links (Local Loops)
5.2 Four Wire Links

5.2.1	Description
A.	Four-wire links are available for the transmission of analog or digital signals using separate transmit and receive paths between the Telephone Company's central office and the network interface device at the end user's premises. Following are the types of four-wire links provided by the Telephone Company.
1.	**Basic Four-Wire Link—** An analog four-wire link provides for the transmission of analog signals with an approximate bandwidth of 300–3000 Hz from a NID at an end user's premises to a POI at a collocation arrangement in the Telephone Company's central office using separate transmit and receive paths or from a NID at an end user's premises to a Telephone Company multiplexing arrangement as set forth in Section 3.
2.	**56 kbps Digital (56 KD) Link—** A digital four-wire link provides for the simultaneous two-way transmission of digital data at a synchronous rate of 56 kbps. The 56 KD link physically consists of a subscriber loop facility that extends from the central office distribution frame (e.g., MDF) to the end user customer premises network interface device. The 56 KD link is provided using four-wire non-loaded copper (2 pairs) with no intermediate electronics, or universal digital loop carrier with 56 KD dataport transport capability. Technical specifications are described in TR-72574, Issue No. 3.

(N)

5.2.2	Responsibility of the Telephone Company
A.	The Telephone Company is responsible for making trouble report status available when requested by the TC. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.
B.	When the Telephone Company suspends or terminates a TC's link for reasons of non-payment or for other just cause, the Telephone Company will notify the TC prior to the termination/suspension date.
C.	The Telephone Company is responsible for testing, if necessary, with the TC to clear a trouble when the trouble has been sectionalized to the link.

5.2.3	Responsibility of the TC
A.	The TC is responsible for providing a contact number that is readily accessible twenty-four hours per day, seven days a week (24x7).
B.	The TC is responsible for coordinating with the Telephone Company to ensure that four-wire links are installed in accordance with the TC's request.
C.	The TC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports.

5.2.4	Regulations
A.	A change from one TC to another is considered a disconnect of the four-wire link from the original TC and a connect of a four-wire link with the new TC.

(N)

5. Links (Local Loops)
5.2 Four Wire Links

5.2.5	Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring	
3.	Service Connection-Other	
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).	
5.	Installation Dispatch Out	
6.	Customer Misdirect-In	
7.	Customer Misdirect-Out	
8.	Customer Not Ready-Out	
9.	Dispatch Out of Hours	
10.	Engineering Query Charge - applies on a standard basis, or an expedited basis, as appropriate.	(N)
11.	Line and Station Transfer - applies on a standard basis, or an expedited basis, as appropriate.	
12.	Clear Defective Pair	
13.	Reassignment of Non-Working Cable Pair	
14.	Binder Group Reassignment	
15.	Repeater – Installation	
16.	Apparatus Case – Installation	
17.	Range Extenders – DS0 Installation	
18.	Channel Unit to Universal/Cotted DLC System (Existing)	
19.	Serving Terminal-Installation/Upgrade	
20.	Activate Dead Copper	
21.	Multiplexer 1/0 – Installation	
22.	Multiplexer 1/0 – Reconfiguration	
23.	Multiplexer – Other – Installation	
24.	Move Drop	(N)

5. Links (Local Loops)
5.2 Four Wire Links

5.2.5	Application of Rates and Charges	
A.	Continued	
25.	Copper Rearrangement	(N)
26.	Central Office Terminal – Installation	
27.	IDLC Only Condition	
28.	Other Required Modifications	
29.	Remove Bridged Taps - applies on a single and multiple basis, and on a standard basis or an expedited basis, as appropriate.	
30.	Remove Load Coils - applies on an initial and additional occurrence basis, and on a standard basis, or an expedited basis, as appropriate, and varies depending upon the length of the loop.	(N)
B.	Geographically deaveraged monthly rates apply per link.	(X)
C.	A service access charge element contained in Part E (collocation) applies.	(X)

5. Links (Local Loops)
5.3 High Capacity Links

5.3.1	Description
A.	A digital high capacity link provides a two-point digital channel which provides for simultaneous two-way transmission of serial, bipolar, return-to-zero, isochronous digital signals at a transmission speed of 1.544 Mbps; or for simultaneous two-way transmission of serial, bipolar, return-to-zero, isochronous digital electrical signals at a transmission rate of 44.736 Mbps + 20 ppm.
B.	Digital high capacity links conditioned for 1.544 Mbps are called 1.5 Mbps links when they are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in Part B, Section 3. 1.5 Mbps links are furnished on a full-time basis.
1.	1.544 Mbps links are designed to provide an average performance of at least 95% error-free transmission, measured over a continuous 24 hour period, between the Telephone Company's interfaces using a Telephone Company test channel service unit properly optioned at the time of the test.
C.	Digital high capacity links conditioned for 44.736 Mbps (also called 45 Mbps) links and are terminated at the TC's collocation presence in the Telephone Company central office where the end user is served or from an end user's premises to a Telephone Company's multiplexing arrangement as set forth in Section 3.
1.	44.736 Mbps links are designed to provide an average performance of at least 98% error-free seconds transmission, measured over a continuous 24 hour period at the Telephone Company interfaces.
2.	44.736 Mbps links are provided on digital optical equipment and lightwave facilities selected by the Telephone Company and are provided only from serving wire centers equipped to furnish such service within a LATA. 45 Mbps links are subject to the availability of suitable lightwave facilities between the serving wire center and the TC's end user's premises.

(N)

5.3.2	Regulations
A.	It is the responsibility of the TC (or any other party of interest, such as the applicant for service, the owner or operator of the premises or the builder) to provide in a manner satisfactory to the Telephone Company, and without cost to the Telephone Company, a means of entrance for the cable into the building; space for mounting the necessary terminals and equipment; power necessary for the terminals and equipment; and where required, a means to reach each floor and each suite or office on each floor where telephone service is required.
B.	High capacity links which are furnished on a full time basis are available on a two-point basis.
C.	For 44.736 Mbps links, the TC's end user's equipment must comply with the jitter mask for a DS3 signal in both transmit and receive directions as specified in ANSI T1.102.
D.	The Telephone Company undertakes to maintain and repair only the facilities which it furnishes hereunder. The TC or TC's end user may not rearrange, disconnect, remove or attempt to repair any equipment installed by the Telephone Company without prior written consent of the Telephone Company.

(N)

5. Links (Local Loops)
5.3 High Capacity Links

5.3.3	1.544 Clear Channel Capability Option
A.	This option is available only between locations which are equipped for sending and receiving signals with B8ZS coding/decoding capabilities.
1.	TC-provided equipment must be capable of transmitting and decoding B8ZS signals as described in ANSI T1.102.
B.	TCs must agree to out-of-service periods required to add this feature to an existing circuit. No credit allowance will be made for the periods of interruption.
C.	Regulations for 1.5 Mbps links continue to apply except for the TC signal constraints of no more than 15 consecutive zeros and at least three pulses in any 24 bit interval.

5.3.4	Application of Rates and Charges	
A.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring (on a standard basis or an expedited basis, as appropriate)	
3.	Service Connection-Other (on a standard basis or an expedited basis, as appropriate)	
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).	
5.	Installation Dispatch Out	
6.	Customer Misdirect-In	
7.	Customer Misdirect-Out	
8.	Customer Not Ready-Out	
9.	Dispatch Out of Hours	
10.	Line and Station Transfer (DS1 only) - applies on a standard basis, or an expedited basis, as appropriate.	(N)
11.	Clear Defective Pair (DS1 only)	
12.	Reassignment of Non-Working Cable Pair (DS1 only)	
13.	Binder Group Reassignment (DS1 only)	
14.	Repeater – Installation (DS1 only)	
15.	Apparatus Case – Installation (DS1 only)	
16.	Range Extenders – DS1 Installation	
17.	Serving Terminal-Installation/Upgrade	
18.	Activate Dead Copper (DS1 only)	(N)

5. Links (Local Loops)
5.3 High Capacity Links

5.3.4	Application of Rates and Charges	
A.	Continued	
19.	Multiplexer 1/0 – Installation	(N)
20.	Multiplexer 1/0 – Reconfiguration	
21.	Multiplexer 3/1 – Installation	
22.	Multiplexer 3/1 – Reconfiguration	
23.	Multiplexer – Other – Installation	
24.	Move Drop (DS1 only)	
25.	Cross-Connection – Existing Fiber Facility	
26.	Line Card – Installation	
27.	Copper Rearrangement (DS1 only)	
28.	Central Office Terminal – Installation (DS1 only)	
29.	IDLC Only Condition	
30.	Other Required Modifications	
31.	Remove Bridged Taps (DS1 only) - applies on a single and multiple basis, and on a standard basis or an expedited basis, as appropriate.	
32.	Remove Load Coils (DS1 only) - applies on an initial and additional occurrence basis, and on a standard basis, or an expedited basis, as appropriate, and varies depending upon the length of the loop.	(N)
B.	For 1.544 Mbps links, geographically deaveraged monthly rates apply per link. For 44.736 Mbps links, monthly rates apply on a fixed and per 1/4 mile basis per link.	(X)
C.	A service access charge element contained in Part E (collocation) applies.	(X)

5. Links (Local Loops)
5.4 xDSL Qualified and Digital Designed Links

5.4.1	Description	
A.	xDSL links provide transmission technologies capable of supporting the following DSL technologies.	(N)
1.	Asymmetrical Digital Subscriber Line (ADSL)	
2.	High-Bit Rate Digital Subscriber Line (HDSL)	
3.	Symmetrical Digital Subscriber Line (SDSL)	
4.	Integrated Digital Subscriber Line (IDSL)	
5.	Other DSL technologies to the extent that standards are identified and approved by ANSI (T1E1). These xDSL technologies are provisioned on qualified facilities, which include twisted pair copper loop plant, and use line codes as specified in ANSI standards.	
B.	**Digital Two-Wire Link (including ADSL, HDSL, SDSL and IDSL)**— Provides a channel equivalent to a two-wire, non-loaded, twisted copper pair loop from an end user's premises to a POI at a collocation arrangement in the Telephone Company's central office. These links are provisioned in accordance with the technical specifications approved and adopted by ANSI.	
1.	The digital two-wire link is available where qualified facilities exist. The Telephone Company will not construct new copper facilities to provide these links.	
2.	Only non-loaded and non-repeated twisted cable pairs that do not exceed a technical length limitation as specified in ANSI documentation can support xDSL capabilities.	
C.	**Digital Four-Wire Link (including HDSL)**— Provides a channel equivalent to two two-wire, non-loaded, twisted pair copper from an end user's premises to a point of interconnection at a collocation arrangement in the Telephone Company's central office. These links are provisioned in accordance with the technical specifications approved and adopted by ANSI.	
1.	The digital four-wire link is available where copper facilities exist. The Telephone Company will not construct new copper facilities to provide these links.	
2.	Only non-loaded and non-repeated twisted cable pairs that do not exceed a technical length limitation as specified in ANSI documentation can support xDSL capabilities.	
D.	**Digital Designed Links**— At the option of the TC, the Telephone Company will condition links. The Telephone Company will also add ISDN range extensions to the copper portion of a two-wire digital ISDN capable link, if requested. Requests for link designs other than the standard options listed below, will be handled on a Bona Fide Request basis as specified in Part A, Section 2.	
1.	Two-wire digital ADSL conditioned designed metallic link with total loop lengths of 18,000 to 30,000 feet, no load coils, with standard bridged tap of less than 6,000 feet.	
2.	Two-wire ADSL qualified link of less than 18,000 feet with bridged tap removed.	(N)

5. Links (Local Loops)
5.4 xDSL Qualified and Digital Designed Links

5.4.1	Description
D.	(Continued)
3.	Two-wire ADSL qualified link of less than 12,000 feet with bridged tap removed.
4.	Two-wire HDSL qualified link of less than 12,000 feet with bridged tap removed.
5.	Four-wire HDSL qualified link of less than 12,000 feet with bridged tap removed.
6.	Two-wire digital designed metallic ISDN-capable link with Telephone Company placed ISDN loop extension electronics.
7.	Two-wire SDSL qualified link with bridged tap removed.
8.	Two-wire IDSL qualified link of less than 18,000 feet with bridged tap removed.
E.	The two-wire and four-wire link regulations set forth in Part B, Sections 5.1 and 5.2 preceding apply to Digital Designed Links based on the underlying link associated with the Digital Design Link Ordered.

(N)

5.4.2	Ordering Service
A.	The TC must specify the xDSL technology to be provided over the DSL loop to allow the Telephone Company to identify and manage various advanced services technologies within binder groups.
B.	xDSL links must be pre-qualified to ensure that the loop being provisioned meets the technical characteristics of a link able to support compatible DSL technologies that meet applicable ANSI standards.
1.	**Mechanized Loop Qualification Database—** The TC must utilize this database in advance of submitting an order to determine whether a given loop is qualified for xDSL per Telephone Company standards. The information provided includes total metallic loop length (including bridged taps), presence of load coils (yes or no), presence of digital loop carrier (yes or no), presence of interferors (yes or no), presence of digital single subscriber carrier (DSSC), and qualification for xDSL per Telephone Company standards (yes or no). This additional information may be used by the TC when ordering a digital designed link. This database is currently being built on a central office by central office basis.
a.	In some cases, based on the information returned on the query, the TC may submit an order for conditioning a loop to make it xDSL compatible as a digital designed link.
b.	At the option of the TC, the TC may obtain loop pre-qualification information "in bulk." Under this alternative, the Telephone Company posts, to a server, files of the working telephone numbers in central offices that have been qualified for DSL, along with associated loop length information. TCs may download the files after first requesting an ID and password from the Telephone Company.

(N)

5. Local Loops
5.4 xDSL Qualified and Digital Designed Links

5.4.2	Ordering Service	(N)
B.	(Continued)	
c.	At the option of the TC, the TC may also utilize the pre-ordering interfaces to obtain access to the limited loop make-up information available in the Loop Facilities Assignment and Control System (LFACS). The Loop Make-Up (LMU) Inquiry Transaction is currently available at no additional charge. LMU information in LFACS is only available on a small number of terminals, and represents the make-up of a single loop in the terminal but does not necessarily represent the characteristics of any other loops in that terminal. If the information in response to an LMU Inquiry Transaction is available in LFACS, a response will be provided over the same interface utilized to initiate the transaction. This response may include the composition of the loop, the existence, location and type of any electronic or other equipment on the loop, the loop length - including the length and location of each type of transmission media - the wire gauge(s) of the loop, the electrical parameters of the loop and engineering work in progress on the cables housing the loop. When loop make-up information is not available in LFACS, details about the type of facility (e.g. copper of DLC) is provided.	
2.	**Manual Loop Qualification**— The TC may request manual loop qualification where the mechanized loop qualification database is not available. The information provided includes total metallic loop length (including bridged taps), presence of load coils (yes or no), presence of digital loop carrier (yes or no), presence of interferors (yes or no), presence of digital single subscriber carrier (DSSC), and qualification for xDSL per Telephone Company standards (yes or no). This additional information may be used by the TC when ordering a digital designed link.	
a.	The TC may submit an order for conditioning a loop to make it xDSL compatible as a digital designed link.	
3.	**Engineering Query**— The TC may request information about a link from Telephone Company records beyond that supplied by the mechanized prequalification database or by manual loop qualification. Information such as length, number and location of bridged taps, number and location of load coils, location of digital loop carrier, or cable gauge at specific locations from Telephone Company cable records may be requested.	
4.	**Engineering Work Order**— When the TC orders digital designed links, an engineering work order is required in order to verify facilities availability, write the work order, and prepare the special bill generated as a result of construction.	

5.4.3	Responsibility of the Telephone Company	
A.	The Telephone Company is responsible for providing trouble report status when requested by the TC.	
B.	The suspension/termination of a TC's link for non-payment or for a cause other than non-payment will result in the suspension/termination of the link. The Telephone Company will notify the TC prior to the termination date.	
C.	The Telephone Company reserves the right to take the following actions if the TC's link creates interference or impairment with other Telephone Company facilities or services.	
1.	Locate another loop that will not create interference or impairment and perform a pair swap; or	
2.	Demonstrate to the PUC that the original loop cannot be conditioned to adequately eliminate interference or impairment with other Telephone Company facilities or services, and that there is no alternative loop available to which the TC's data service can be moved.	(N)

5. Links (Local Loops)
5.4 xDSL Qualified and Digital Designed Links

5.4.4	Responsibility of the TC
A.	The TC is responsible for coordinating with the Telephone Company to ensure that the unbundled element is installed in accordance with the TC's request.
B.	The TC is responsible for initiating, testing and sectionalizing (isolating) all end user trouble reports. The Telephone Company is responsible for testing, if necessary, with the TC to clear a trouble when the trouble has been previously sectionalized to the link.
C.	The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week. The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.

5.4.5	Regulations
A.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company's Direct Customer Access Service (DCAS) System or its successor system.
B.	A change from one TC to another is considered a disconnect of the xDSL qualified link from the original TC and a connect of an xDSL qualified link with the new TC.
C.	At the request of the TC, the Telephone Company will provide continuity testing with the TC.

(D)

(D)

5. Links (Local Loops)
5.4 xDSL Qualified and Digital Designed Links

5.4.6	Application of Rates and Charges	(T)
A.	The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service Order (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring	
3.	Service Connection-Other	
4.	Manual Intervention Surcharges (on a standard basis or an expedited basis, as appropriate).	
5.	Installation Dispatch Out	
6.	Customer Misdirect-In	
7.	Customer Misdirect-Out	
8.	Customer Not Ready-Out	
9.	Dispatch Out of Hours	
		(D) (D)
10.	Manual Loop Qualification	(N)
11.	Addition of ISDN Loop Extension Electronics	(N)
12.	Remove Load Coils – applies on an initial and additional occurrence basis, and on a standard basis, or an expedited basis, as appropriate, and varies depending upon the length of the loop.	(C) (C) (D) (D)
13.	Remove Bridged Taps – applies on a single and multiple basis, and on a standard basis or an expedited basis, as appropriate.	(C) (C) (D) (D)
14.	Engineering Query Charge - applies on a standard basis, or an expedited basis, as appropriate.	(T) (N)
15.	Engineering Work Order - applies on a standard basis, or an expedited basis, as appropriate.	(T) (D) (D)
16.	Line and Station Transfer - applies on a standard basis, or an expedited basis, as appropriate.	(N)
17.	Clear Defective Pair	
18.	Reassignment of Non-Working Cable Pair	
19.	Binder Group Reassignment	
20.	Apparatus Case – Installation	(N)

5. Links (Local Loops)
5.4 xDSL Qualified and Digital Designed Links

5.4.6	Application of Rates and Charges	(T)	
A.	Continued	(N)	
21.	Range Extenders – DS0 Installation		
22.	Channel Unit to Universal/Cotted DLC System (Existing)		
23.	Serving Terminal-Installation/Upgrade		
24.	Activate Dead Copper		
25.	Multiplexer 1/0 - Installation		
26.	Multiplexer 1/0 - Reconfiguration		
27.	Multiplexer – Other – Installation		
28.	Move Drop		
29.	Copper Rearrangement		
30.	Central Office Terminal - Installation		
31.	IDLC Only Condition		
32.	Other Required Modifications	(N)	
B.	A service access charge element contained in Part E (collocation) applies.	(X)	(T)
C.	A recurring Wideband Test Access charge applies for xDSL qualified loops.		
D.	Mechanized Loop Qualification Charge—Monthly		
E.	Cooperative Testing - NRC	(X)	(T)

6. Local Switching
6.1 Line Ports

The local switch element consists of a line port, line port features, trunk port, trunk port features, group routings and usage. (N)

6.1.1	Description
A.	The line port which is terminated at a collocation arrangement represents the physical interface to the switch that terminates the loop from the customer premises. The Telephone Company will provide the following types of line ports.
1.	**Analog Line Port**— Provides a 2-wire electrical interface to the local switch. The analog line port provides access to the functions and capabilities of the local switch, including line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number) billing recording, the ability to pre-subscribe to a primary carrier of interLATA and, where available, intraLATA toll and Region to Region calls.
a.	Analog line ports can be interconnected to a collocation arrangement in the Telephone Company's central office and are subject to service access charges.
2.	**Basic Rate ISDN Port**— Provides a 2-wire electrical interface to the local switch for the provision of basic rate ISDN capabilities. The basic rate ISDN interface will support a digital subscriber line comprised of two 64 kbps bearer channels and a single 16 kbps out-of-band signaling channel (2B + D). The basic rate ISDN port provides access to the functions and capabilities of the local switch, including ISDN voice, and circuit switched data.
a.	Basic rate ISDN line ports can be interconnected to a collocation arrangement in the Telephone Company's central office and are subject to service access charges.
3.	**Primary Rate ISDN Port**— Provides a DS1 level electrical interface to the local switch for the provision of primary rate ISDN which supports 64 kbps bearer channels (B-channels) and standardized out-of-band signaling (on the D-channel). The primary rate ISDN is configured to provide either 23 B-channels and 1 D-channel or 24 B-channels under control of a D-channel in another primary rate ISDN. The primary rate ISDN port provides access to the functions and capabilities of the local switch, including ISDN voice and circuit switched data functions.
a.	Primary rate ISDN line ports can be interconnected to a collocation arrangement in the Telephone Company's central office subject to the DS1 SAC.
b.	Telephone numbers will be assigned at the customer's request to primary ISDN ports in sequential blocks of 100 numbers according to the charges identified in NHPUC Tariff No. 83. (N)

6. Local Switching
6.1 Line Ports

6.1.1	Description	(N)
A.	(Continued)	
4.	**Integrated Digital Loop Carrier Port (TR-08 interface)**—Provides the capability to terminate compatible integrated digital loop carrier remote terminal equipment on the local switch for the provision of POTS. The integrated digital loop carrier port adheres to Technical Reference TR–NWT–008, which defines the technical interface standard. The integrated digital carrier port supports the termination of an interface group comprised of four DS1s. Individual line capabilities will be provisioned and/or rearranged on the associated DS0 channels within the DS1 interface.	
a.	TR-08 line ports can be interconnected to a collocation arrangement in the Telephone Company's central office subject to the DS1 SAC.	
5.	**Electronic Key Telephone Port (EKTP)**—EKTP provides a two-wire electrical interface to support the unique in-band signaling requirements of customer provided electronic keysets. EKTP is available on compatible switching systems.	
a.	EKTP (analog) ports can be interconnected to a collocation arrangement in the Telephone Company's central office subject to the DS0 SAC.	
b.	EKTP is provided on a negotiated interval.	
6.	**Coin Telephone Port**— Provides a two-wire electrical interface to the local switch. The coin port provides access to the functions and capabilities of the local switch, including line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number) billing recording, the ability to pre-subscribe to a primary carrier of interLATA and intraLATA toll.	
a.	Network-based coin functionality (i.e., local coin call rating, coin deposit, coin return signaling, and standard recorded announcements) is included.	
b.	The coin port is designed to support the use of "dumb" pay telephone CPE.	
c.	The coin port generates payphone-specific ANI II codes on calls originating from the coin port. These codes allow carriers to identify calls originating from pay telephones.	
7.	**Public Access Line (PAL) Port**— Provides a two-wire electrical interface to the local switch. The PAL port provides access to the functions and capabilities of the local switch, including line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number) billing recording, the ability to pre-subscribe to a primary carrier of interLATA and intraLATA toll.	
a.	The PAL port is designed to support the use of "smart" pay telephone CPE.	
b.	The PAL port generates unique ANI II codes. These codes allow carriers to identify calls originating from pay telephones.	
c.	The PAL port also includes Outward Call Screening. This feature is designed to prevent a PAL user from obtaining service through an operator when such service is billed to systems that the call is originating from a PAL port and may require special handling and billing treatment.	(N)

6. Local Switching
6.1 Line Ports

6.1.1	Description	
A.	(Continued)	
8.	**DS1 DID/DOD/PBX Port Interface**—Provides a trunk side DS1 level electrical interface to the local switch for the termination of digital PBX systems. The interface supports an in-band signaling control and line-side capabilities to terminate digital PBX switch trunks on the local switch. Individual capabilities will be provisioned and/or rearranged on associated DS0 channels within the DS1 interface. DS1 DID/DOD/PBX line ports can be interconnected on a collocation arrangement in the Telephone Company's central office subject to the DS1 SAC.	
a.	Telephone numbers will be assigned at the customer's request to DS1 DID/DOD/PBX ports in sequential blocks of 100 numbers.	
9.	**Simplified Message Desk Interface II (SMDI II)**— Enables a line port to connect a system via a data link to a central office switch. The data link is usually used by a provider of telemessaging or voice messaging. The line port is used to access the telemessaging or voice messaging service. When a call is placed to a line port, the data link simultaneously transmits the following information: the called number (client's telephone number), the calling number (if originated from within the same central office switch), and the type of call forwarding or a direct call indication. An audible message waiting indication may be activated or deactivated via SMDI II to indicate to the line port that a message has been taken. When the message waiting indication is activated, the line port receives an audible stutter dial tone for approximately two seconds when the receiver is lifted.	
a.	SMDI II ports can be interconnected to a collocation arrangement in the Telephone Company's central office subject to the DS0 SAC.	
B.	Unbundled line ports provide access to the functions and capabilities of the local switch, such as line supervision, dial tone, ringing, digit reception and interpretation, a network address (the local directory number), billing recording, access to switch usage and routings, basic intercept and the ability to presubscribe to a primary carrier of interLATA and, where available, intraLATA toll and Region to Region calls.	
C.	Individual lines on unbundled ports will be provisioned as logical members of a TC's previously defined and implemented virtual network. The common attributes of this virtual network will include a routing plan that provides access to shared and dedicated trunking as defined by the TC.	
D.	Since the Telephone Company is recovering its costs for terminating usage on local and toll calls to an unbundled line port through charges to the originating party, the TC will incur no additional costs for the transport and termination of calls to such line ports and will not be eligible for reciprocal compensation from the Telephone Company for such calls. On terminating access calls from inter-exchange carriers, the TC will be billed unbundled local switching charges. The TC will be responsible for billing access charges to the interexchange carrier.	(N)

(N)

6. Local Switching
6.1 Line Ports

6.1.2	Line Port Features	(N)
The various unbundled line port features are translations in the switch that support the following capabilities.		
A.	**Advanced Intelligent Network (AIN) Triggers**—Line ports provisioned with AIN triggers will be able to use AIN triggers in a particular central office switch when and where AIN facilities, Telephone Company SCP or Telephone Company SSP are available. Specific triggers will be assigned to specific TC AIN services subject to the TC AIN service certification process and associated rates and charges.	
1.	AIN triggers initiate AIN messages (queries) over the Telephone Company SS7 network between the following points.	
a.	The Telephone Company's unbundled local switch and the Telephone Company AIN service control point.	
b.	A TC designated signaling point of interconnection and the Telephone Company AIN service control point.	
2.	When a TC subscribes to this option, line ports ordered will be able to access AIN triggers in a particular central office switch when and where it is technically feasible. This feature is not available with coin telephone ports.	
3.	Specific AIN triggers shall be assigned to specific TC AIN services subject to TC AIN service certification testing processing and associated rates and charges.	
B.	**Anonymous Call Rejection**—Redirects incoming calls for which calling name and number display has been suppressed through the use of per-call blocking or line blocking, to an announcement indicating that the line is not presently accepting such calls. This option may be activated and deactivated by dialing a code. (Initially, the feature will be in the deactivated state.)	
C.	**Call Forwarding, Call Forwarding Busy, Call Forwarding Don't Answer, Call Forwarding Busy Line/Don't Answer**—Permits the line port to direct incoming calls so that they may be answered at another line port. When a TC with more than one central office line grouped for incoming service has the call forwarding transfer in effect on a line in the series, a calling party will receive a busy signal if the number to which calls are being transferred is busy. The call will not be completed to the next available line in the incoming service series. When the call forwarding transfer is discontinued, the incoming service grouping will be restored to normal operation. Calls cannot be transferred to an international direct distance dialing number.	
D.	**Call Waiting ID Deluxe-Number Only**—An augmented form of Caller ID-Number Only which also allows a line which is off-hook on an existing call to receive Caller ID-Number Only information for a new, incoming call and to handle the new call by any of the following methods. (Lines equipped with Call Waiting ID Deluxe-Number Only will also be automatically equipped with the anonymous call rejection option. The line must be equipped with call waiting to take full advantage of this option.)	
1.	Forwarding to a call answering service	
2.	Including in conferencing	(N)

6. Local Switching
6.1 Line Ports

6.1.2	Line Port Features	(N)
D.	(Continued)	
3.	Routing to a message announcement	
4.	Drop first/last caller	
E.	**Call Waiting ID Deluxe**—An augmented form of Caller ID which also allows a line which is off-hook on an existing call to receive Caller ID name and number information for a new, incoming call and to handle the new call by any of the following methods. (Lines equipped with Call Waiting ID Deluxe will also be automatically equipped with the anonymous call rejection option. The line must be equipped with call waiting to take full advantage of this option.)	
1.	Forwarding to a call answering service	
2.	Including in conferencing	
3.	Routing to a message announcement	
4.	Drop first/last caller	
F.	**Call Return**— When activated by dialing a special code this option either automatically returns the most recent incoming call (even if it is not answered), or receives an audible announcement of the telephone number, date and time of the last incoming call and has the option of having the call automatically returned by dialing another code. If the called number is busy, the call will be attempted for a maximum of thirty minutes without tying up the end-user's telephone. Should the line become idle during this process and the call return customer's line is available to complete the call, then a distinctive ringing signal will alert the call return line that the call can be completed.	
G.	**Call Waiting**— Provides a tone signal to indicate to a line port already connected on a telephone call that a second call is waiting. It also permits the line port to hold the first call, answer the second call, and then alternate between both calls. Standard answering bureau equipment does not have a switchhook or a recall button to depress, therefore a call waiting call cannot be picked up on a subscriber's line which is being answered. When a line is equipped for both call waiting and call forwarding, the call waiting feature does not operate when a call is being forwarded or when a forwarded call has been connected to the forwarding point. When two lines both served by the same central office machine and equipped for call waiting, have a call in progress, only one line may receive a call over call waiting. Any incoming call to the other line receives a busy signal, and the TC will not receive the tone signal indicating that a call is waiting.	
H.	**Call Waiting ID and Call Waiting with Name**— An augmented form of Caller ID designed for use by call waiting equipped ports to indicate that a line port that is off hook on an existing call is to receive Caller ID information (number only or number with name) for a new incoming call.	
I.	**Caller ID-Number Only**—Provides the telephone number from which the call originates (the calling number) from suitably equipped end offices, including telephone numbers associated with nonpublished and nonlisted service, to the called party. The calling number is transmitted from the port to be displayed on suitable equipment. Ports equipped with Caller ID-Number Only will also be provided with anonymous call rejection. Anonymous call rejection will be provided in the inactive state and will have no effect until it is activated through the use of a dialing code.	(N)

6. Local Switching
6.1 Line Ports

6.1.2	Line Port Features	
J.	**Caller ID**—Provides the name and number associated in the Telephone Company's records with the line from which an incoming call originated, including names and numbers associated with nonpublished and nonlisted service. For lines not subscribed to the Telephone Company's nonpublished and nonlisted service, the name displayed is the primary name that is listed for that line in the white pages. The name and the calling number are transmitted by the port to be displayed on a suitable customer provided premises equipment attached to the port.	(N)
K.	**Centrex Intercom Dialing**— Provides the basic switch capability to allow four digit dialing between line port members of a TC defined centrex group.	
L.	**Customized Intercept**— Allows the TC to arrange for a non-standard intercept announcement to be played when a call is routed to intercept as part of processing a call to a telephone number served by the TC.	
M.	**Customized Ringing**— Allows a distinctive ring on calls routed to an alternate telephone number on a line.	
N.	**Direct Inward Dialing (DID)**— Allows an incoming exchange call to be dialed directly to a station associated with a switching system located on the subscriber's premises. The ports equipped with DID outpulse dial-pulse, multifrequency or dual tone multifrequency type digits to the switching equipment on the subscriber's premises. The number of digits out-pulsed will be uniform for both the listed number to the attendant's console and for the stations associated with the switching equipment.	
O.	**Hunting Groups**— Provides the ability to sequentially access two or more line side connections in the originating direction, when the access code of the line group is dialed. This feature is provided in all Telephone Company end offices. All lines in the hunt group must be provided in the same manner.	
1.	**Uniform Call Distribution Arrangement**— Provides a type of multiline hunting arrangement which provides for an even distribution of calls among the available lines in a hunt group. Where available this feature is provided in Telephone Company electronic end offices only. All lines in the multiline hunting arrangement must be provided in the same manner.	
2.	**Nonhunting Number for Use with Hung Group or Uniform Call Distribution Arrangements**— Provides an arrangement for an individual line within a multi-line hunt or uniform call distribution group that provides access to that line within the hunt or uniform call distribution group when it is idle or provides busy tone when it is busy, when the nonhunting number is dialed. Where available this feature is provided in Telephone Company electronic end offices only.	
P.	**Originating Call Usage Recordings**— Makes available the provision of call usage recording information as pertaining to originating call traffic on a particular line port.	
Q.	**Per Call Blocking**— Prevents display for a single call of the calling number to another line equipped with Caller ID-Number Only, Call Waiting ID, or Call Waiting ID Deluxe-Number Only, and of the calling name and number to another line equipped with Caller ID, Call Waiting ID with Name, or Call Waiting ID Deluxe. In order to activate the feature for a particular call a special code must be dialed on the line port.	(N)

6. Local Switching
6.1 Line Ports

6.1.2	Line Port Features	(N)
R.	**Busy Redial**—Automatically redials the telephone number of the most recent outgoing call. This option is activated by a special dialing code. If the re-dialed telephone number is busy, the call will be attempted for a maximum of thirty minutes. Should the line become idle during this process and the busy redial line is available to complete the call, then a distinctive ringing signal will alert the busy redial line that the call can be completed. The following types of calls cannot be automatically redialed.	
1.	Calls to 800 or 900 service numbers	
2.	Calls preceded by an IC access code	
3.	Calls to directory assistance	
4.	Calls to 911	
5.	International direct distance dialed calls	
S.	**Speed Dialing**—Permits frequently dialed numbers to be dialed by means of an abbreviated code.	
T.	**Remote Call Forwarding**—Permits the TC to request calls be forwarded from an initial telephone number to a second telephone number specified by the TC. The initial telephone number will be afforded a directory listing at no additional charge. Use of the network to process the call from the initial telephone number to the second telephone number will be charged back to the TC associated with the initial telephone number.	
U.	**Three-way Calling**—Permits an existing call to be held and second telephone call to be established and added to the connection.	
V.	**All Call Blocking**—Prevents display of the calling number to a line equipped with Caller ID-Number Only, Call Waiting ID, Call Waiting ID Deluxe-Number Only, and of the calling name and number to a line equipped with Caller ID, Call Waiting ID with Name, or Call Waiting ID Deluxe on all calls made from a particular line. The feature can be disabled as to its effect on the name and number display for a single call by dialing the "un-block code" on the line before dialing the number being called.	(N)

6. Local Switching
6.1 Line Ports

6.1.3	Responsibility of the Telephone Company	(N)
A.	The Telephone Company shall not be held responsible when the TC fails to provide sufficient, accurate, and timely information or updates in order that the Telephone Company populate the 911/E911 databases.	

6.1.4	Responsibility of the TC	
A.	The TC must specify the features required on a line at the time the line port is ordered. Changes which may be requested by the TC after the time the line port is ordered are subject to feature charges.	
B.	The TC is responsible to ensure feature compatibility in the switch.	
C.	The TC is responsible for providing sufficient and accurate information at the time the line port is ordered in order to enable the Telephone Company to accurately populate the 911 database, or the E911 database when the Telephone Company deploys E911 services.	
1.	The TC is also responsible for providing information updates should the E911 address associated with the line port change.	(N)

6. Local Switching
6.1 Line Ports

6.1.5	Regulations
A.	For the multi-channel ports of BRI, PRI, DS1 DID/DOD/PBX and TR-08 the customer can request that some or all of the channels be activated at installation. Channels that are activated after the initial installation will incur NRCs.
B.	DID is only available with a DS1 DID/DOD/PBX, or Primary Rate ISDN line ports.
C.	Prior to the ordering of any unbundled line ports, the customer must submit a network design request (NDR). From the NDR and working with the TC, the Telephone Company will identify the routings of the TC's traffic from the unbundled line ports. Any requirements for customized routings will be identified. The NDR process concludes with the installation of any customized routings and TC specific line class code per end office. This line class code must be provided on all orders requesting unbundled line ports.
D.	The Telephone Company will provide one basic white page listing, one basic yellow page (for business) equivalent directory listing, and one directory assistance listing per primary telephone number. Directory Listing information is contained in Part C, Section 2.3 of this tariff. Non-published treatment will be provided at an additional monthly recurring charge.
E.	**Coin Telephone Ports and PAL Ports** are subject to the following provisions.
1.	The TC is responsible for all rates and charges originating from or accepted at this service.
2.	Telephone equipment used with the coin port must be registered in compliance with Part 68 of the FCCs registration program.
3.	The TC must conform to any applicable rules and regulations established by the PUC.
F.	Timing and rating of calls by the end users of coin ports will be based on the common timing and rating table.
G.	**Line Port Traffic Study**—The Telephone Company will perform a study to determine blocking levels on the TC's line ports.

(N)

6.1.6	Application of Rates and Charges
A.	A monthly charge applies for each line port type and for certain features. In addition, a monthly E911 infrastructure rate applies per telephone number
B.	The following NRCs apply (refer to Part A, Section 3.).
1.	Service Connection-Central Office Wiring
2.	Manual Intervention Surcharges
3.	Service Connection-Other
4.	Customer Not Ready-In
5.	NRCs for an integrated digital loop carrier port (TR-08 interface) will be determined on an individual case basis.

(N)

6. Local Switching
6.1 Line Ports

6.1.6	Application of Rates and Charges	(N)
C.	When the TC requests the suspension or restoral of a line port, a feature charge applies.	
D.	When the TC requests activation of one or more features on an established line, a line port feature charge applies.	
1.	When a line port is activated, a line port service charge applies.	
2.	When the activation of a line port requires new CO wiring, a line port installation charge applies in addition to the service charge.	
E.	Nonrecurring feature charges apply per port, per feature for call forwarding busy, call forwarding don't answer, call waiting, centrex intercom dialing, customer ringing, speed calling and three way calling.	
F.	A service access charge element contained in Part E (collocation) applies.	
G.	When the TC requests activation of an additional channel or telephone number on an established line port, the channel activation subsequent to port installation charge and port feature charge apply.	
H.	The NDR will be billed according to the amount of time used to develop the NDR plan and install the necessary routings and line class codes. Work activities that must be performed during the NDR process include the following.	
1.	Defining network plan for the TC's virtual network	
a.	Number of entities	
b.	Types of services to be supported	
c.	Blocking requirements	
d.	E911 planning when the Telephone Company deploys E911 services	
e.	Operator/DA support	
2.	Defining line class codes for each entity to support the TC's traffic	
3.	Building line class codes per switching entity	
4.	Downloading line class codes to each entity	
5.	Engineering any dedicated trunk groups	
I.	**Line Port Traffic Study**— NRCs apply per set up and per week.	
J.	Until such time as signaling usage can be measured on a per message basis, a usage component is included in the monthly recurring STP Port Rate, based on an estimate of the average number of call attempts that would be handled at the dedicated STP port in the time frame of one month. Where a TC is instead using the Telephone Company's unbundled switching facilities and sharing the use of an STP port in the Telephone Company's signaling network, a flat rate monthly supplement will be applied to the TC's unbundled line port rate, based on an estimate of the average number of call attempts that would be handled at the unbundled line port in the time frame of one month. The flat rate charges will be removed when the signaling charge can be measured and assigned to the TC facility on a per message basis.	(N)

6. Local Switching
6.1 Line Ports

6.1.6	Application of Rates and Charges	(N)
K.	**Coin Telephone Port** rate includes the port and its standard features. A service charge applies when coin port features are changed or when the feature is the only service being provided. It does not apply if the features are provided at the same time another service is being provided for which the service charge applies.	
1.	A conversion from a coin full service to a coin port service will be considered a disconnect from the full service and new connect for the port service. A conversion from a coin port service to a full coin service will be considered a disconnect from the port service and a new connect for the full coin service. Service charges and NRCs apply for the individual services.	
L.	**AIN Trigger**—The AIN trigger feature is subject to an AIN trigger charge which applies per occurrence (query). An AIN SS7 message transport for AIN message charge also applies on a per occurrence (query) basis each time an AIN query is originated over the Telephone Company's SS7 network to a Telephone Company SCP.	
1.	Where the AIN query originates from a CLEC's signaling point of interconnection, a per message rate adjustment will apply to account for any SS7 signaling resources that are utilized that may have been previously purchased by the CLEC on a dedicated basis.	(N)

6. Local Switching
6.2 Trunk Ports

There are two types of trunk ports – dedicated trunk ports and shared trunk ports. (N)

6.2.1	Dedicated Trunk Port
A.	A Dedicated Trunk Port is a switch termination that is dedicated to the use of the ordering TC for the transport of local, toll or access traffic to other Telephone Company, IXC or TC switches. A dedicated Trunk Port is terminated at a collocation arrangement.
B.	A dedicated trunk port supports the following capabilities.
1.	Cabling to the Telephone Company trunk frame on the trunk side
2.	1.544 Mbps bandwidth capable of supporting twenty-four, 56 kbps trunks
3.	Access to equipment for terminating exchange traffic
4.	Access from associated equipment for originating exchange traffic

6.2.2	Dedicated Trunk Port Features
A.	**Multifrequency or SS7 Signaling**—Standard feature with one way or two way traffic directionality.
B.	**ANI**— An optional feature that provides for the automatic transmission of a seven or ten digit number and information digits over a port for calls originating in the LATA to identify the calling station.
C.	**64CCC**— An optional feature that provides B8ZS encoding technique that allows a customer to transport voice or data signals over a 64 kbps channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. The derived 64 kpbs clear channel supports superframe or extended superframe formatting. This feature is required for originating or terminating 64 kbps calls to an ISDN network. This feature is available in suitably equipped electronic end offices as specified in NECA Tariff FCC No. 4.
D.	**Operator and DA Signaling**—An optional feature that provides the signaling necessary to support the provision of operator and DA services.

(N)

6. Local Switching
6.2 Trunk Ports

6.2.3	Shared Trunk Port
A.	A shared trunk port is a Telephone Company provided trunk termination on the end office switch that is used for the transport of the Telephone Company, TC or other party local, toll or IXC traffic from the local switch to other Telephone Company, TC or IXC switches.

(N)

6.2.4	Regulations
A.	A TC may not specify features, interconnection design, routing or transmission on a shared trunk port.

6.2.5	Application of Rates and Charges
A.	A monthly rate applies for each dedicated trunk port and for the 64CCC feature.

(N)

6. Local Switching
6.2 Trunk Ports

6.2.5	Application of Rates and Charges	(N)
B.	Usage charges apply for shared trunk ports.	
C.	The following NRCs apply (refer to Part A, Section 3).	
1.	Manual Intervention Surcharge (on a standard basis or an expedited basis, as appropriate).	
2.	Service Connection-Central Office Wiring (on a standard basis or an expedited basis, as appropriate).	
3.	Service Connection-Other (on a standard basis or an expedited basis, as appropriate).	
D.	A service access charge element contained in Part E (collocation) applies.	(N)

6. Local Switching
6.3 Usage

6.3.1	Determination of Chargeable Minutes of Use	(N)
A.	TC traffic supporting unbundled arrangements will be measured (i.e. recorded) by the Telephone Company at end office switches or access tandem switches. Originating unbundled calls will be measured by the Telephone Company to determine the basis for computing chargeable access minutes. For originating calls where the off-hook supervisory signal is provided by the customer's equipment, the measured minutes are the chargeable minutes. For originating unbundled calls where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, chargeable TC originating unbundled minutes are derived from recorded minutes as follows.	
1.	**Step 1**— Obtain recorded originating minutes and messages, where the off-hook supervisory signal is forwarded by the customer's equipment when the called party answers, from the appropriate recording data.	
2.	**Step 2**— Obtain total attempts by multiplying the originating measured messages by the attempts per message factor. The attempts per message factor is obtained from a sample study which analyzes the number of attempts on the network divided by the number of revenue producing messages (completion). This number is always greater than one. Measured messages times attempts per message factor equals total attempts.	
3.	**Step 3**— Obtain total nonconversation time additive (NCTA) by multiplying the total attempts by the NCTA per attempt factor. The NCTA per attempt factor is obtained from the sample study described in step 2 by measuring the elapsed time during call setup for each network attempt that starts with the completion of a customer (or operator) dialing and ends when the called party answers or the call is abandoned (expressed as a decimal portion of one minute). Total attempts times NCTA per attempt factor equal total NCTA.	
4.	**Step 4**— Obtain total chargeable originating access minutes by adding the total NCTA to the recorded originating measured minutes. Measured minutes plus total NCTA equal chargeable originating minutes.	
B.	The following is an example which illustrates how the chargeable originating access minutes are derived from the measured originating minutes using this formula.	
1.	Where: Measured Minutes (M. Min.) = 7,000	
2.	Measured Messages (M. Mes.) = 1,000	
3.	Attempts per message = 1.3333	
4.	NCTA per Attempt = .4	
a.	(1) 1,000 (M. Mes.) x 1. 3333 (Attempt per message) = 1,333 (Total Attempts)	
b.	(2) 1,333 (Total Attempts) x .4 (NCTA per Attempt) = 533 (Total NCTA)	
c.	(3) 7,000 (M. Min) + 533 (Total NCTA) = 7,533 Total Chargeable Originating Minutes	(N)

6. Local Switching
6.3 Usage

6.3.2	Application of Rates and Charges	(N)
A.	For the switching and shared transport of calls that originate from an unbundled line port, usage rates will apply according to the Telephone Company network resource that is used. Usage is affected by the following factors.	
1.	The number of recorded minutes is adjusted for such things as usage of the switch and facilities for calls that are not completed, using the non-conversation time additive calculations described following.	
2.	The rates applied are time of day sensitive.	
B.	**Unbundled Local Switching Charge (ULSC)**—Applies for each originating minute of use of the TC's call through the local switch. Non-conversation time and attempt additives will be added to the recorded conversation time to determine rateable minutes. An intra-entity call will be assessed two ULSC elements per minute to recover the originating and terminating usage of the switch.	
C.	**Unbundled Shared Trunk Port Charge (USTPC)**—Applies per minute of use to recover the costs associated with the TC's use of a shared end office trunk port. Non-conversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This element applies when the associated trunks carry both access and local/toll usage, or as part of the unbundled local common transport charge or unbundled toll common transport charge.	
D.	**Unbundled Shared Tandem Transport Charge (UTTC)**—Applies per minute of use to recover the use of shared transport between the end office and the tandem switch. Non-conversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This element applies when the associated trunks carry both access and local/toll usage, or as part of the unbundled local common transport charge or unbundled toll common transport charge elements.	
E.	**Composite Local Switching, Tandem Switching and Transport Resource Charge**	
1.	**Unbundled Common Transport Charge (UCTC)**—This charge recovers the cost of delivering a local call from the originating end office to a terminating switch. The rate is applied per minute of use and does not vary according to distance or whether the call was direct or tandem routed. Use of the originating shared trunk port, shared IOF and weighted tandem costs are also recovered. Non-conversation time and attempt additives will be added to the recorded conversation time to determine rateable minutes. This charge applies when a TC utilizes the existing Telephone Company network on a shared basis to transport local calls.	
2.	**Unbundled Toll Common Transport Charge (UTCTC)**—This charge recovers the cost of delivering a toll call from the originating end office to a terminating switch. The rate is applied per minute of use and does not vary according to whether the call was direct or tandem routed. Use of the originating shared trunk port, shared IOF and weighted tandem costs are also recovered. Non-conversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This charge applies when a TC utilizes the existing Telephone Company network on a shared basis to transport toll calls.	
3.	**Tandem Transit Switching Charge (TTSC)**—This charge recovers the cost of two shared tandem trunk ports and tandem switching. Non-conversation time and attempt additives will be added to the recorded conversation time to determine the rateable minutes. This charge is applied when the involved trunks carry both access and local/toll usage, or as part of the unbundled common transport charge or unbundled toll common transport charge.	(N)

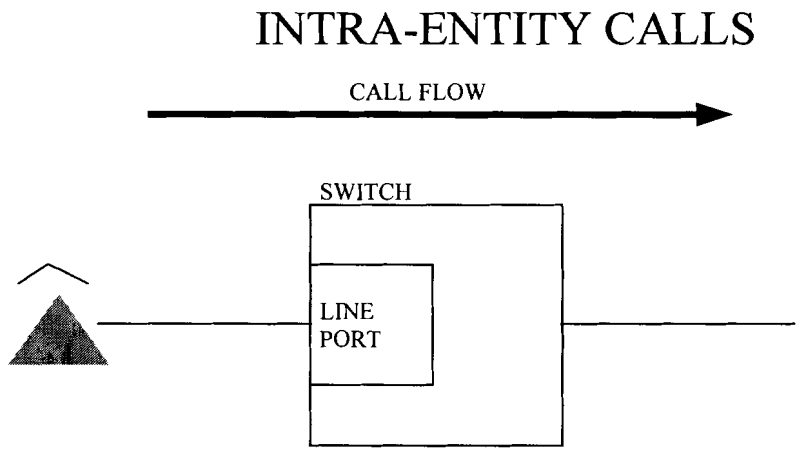
6. Local Switching
6.3 Usage

6.3.2	Application of Rates and Charges	(N)
E.	(Continued)	
4.	**Unbundled Telephone Company Reciprocal Compensation Charge (UNRCC)**—When a local call from a TC's unbundled line port terminates to a Telephone Company switch, Meet Point A reciprocal compensation charges apply to recover the costs of terminating that call to an end user. When a toll call from an unbundled line port terminates to a Telephone Company switch, carrier access charges apply pursuant to NHPUC No. 82.	
5.	**Unbundled TC Reciprocal Compensation Charge (UCRCC)**—When a call from an unbundled line port terminates to a TC switch, this charge will be assessed to the originating line port minute in order for the Telephone Company to recover the reciprocal compensation charges that will be assessed to the Telephone Company by the terminating TC. When a toll call from an unbundled line port terminates to a Telephone Company switch, carrier access charges apply pursuant to NHPUC No. 82.	
F.	Use of the local switch by the TC's end user will be recorded on the same basis that the Telephone Company records calls for its own customers. Where available, recordings will be utilized to bill local switching usage to the TC and will be provided to the TC for their use in billing their end users.	
1.	Rates and charges will apply for record processing, per record processed, and per record transmitted. In lieu of or in addition to data transmission, the TC has the option of obtaining a tape or cartridge. When a tape or cartridge is provided in lieu of data transmission, data transmission charges are not applicable and a per tape or per cartridge charge applies. If a tape or cartridge is requested in addition to data transmission, both the per tape and cartridge charge and the per data transmission charge apply.	
G.	Exhibit 6.3.2-1, Exhibit 6.3.2-2, Exhibit 6.3.2-3 and Exhibit 6.3.2-4 contain diagrams showing the application of usage sensitive charges for intra-entity calls, inter-entity calls–local, inter-entity calls-toll and inter-entity calls-access, respectively.	(N)

6. Local Switching
6.3 Usage

Exhibit 6.3.2-1
Application of Usage Sensitive Charges
Intra-Entity Calls

(N)



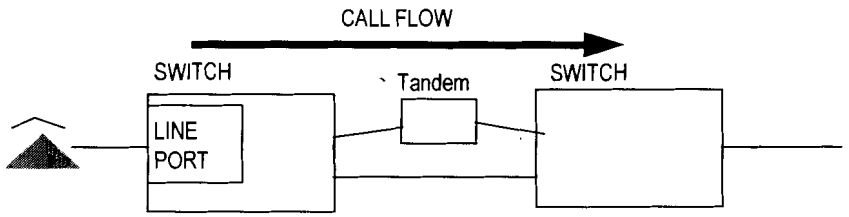
- Two (one originating and one terminating) Unbundled Local Switching Charges (ULSC) assessed to TC that leases originating line port regardless of whether call terminates to a telephone company or other TC line port

(N)

6. Local Switching
6.3 Usage

Exhibit 6.3.2-2
Application of Usage Sensitive Charges
Inter-Entity Calls - Local (N)

INTER-ENTITY CALLS-LOCAL



Shared Transport End-to-End

- Unbundled Local Switching Charge (ULSC), Unbundled Local Common Transport Charge (UCTC) and UNRCC assessed to TC that leases originating line port.
  - Charges do not vary whether call direct or tandem routed.
  - Where call terminates to Telephone Company switch, UNRCC applies.
  - Where call terminates to a TC switch, UCRCC applies.

Dedicated Transport to Tandem-Shared Transport from tandem to terminating end office.

- ULSC and Meet Point B reciprocal Compensation* assessed to TC that leases originating line port.

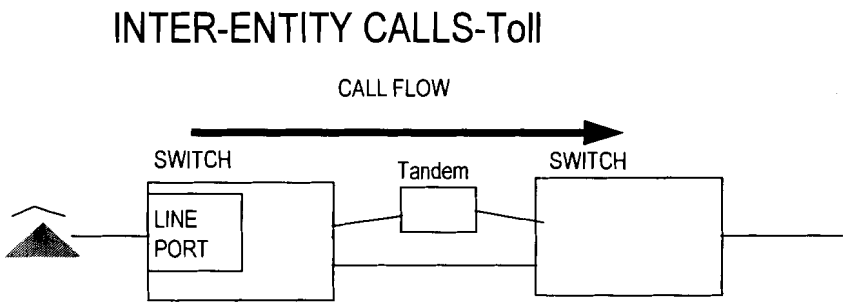
Dedicated Transport to Tandem-Dedicated Transport from tandem to terminating end office.

- ULSC, TTSC and Meet Point A reciprocal Compensation assessed to TC that leases originating line port.

* This charge found in Part C. (N)

6. Local Switching
6.3 Usage

Exhibit 6.3.2-3
Application of Usage Sensitive Charges
Inter-Entity Calls - Toll (N)



Shared Transport End-to-End

- Unbundled Local Switching Charge (ULSC), Unbundled Toll Common Transport Charge (UTCTC), state access tariff local switching and state access tariff common line assessed to TC that leases originating line port.
  - Charges do not vary whether call direct or tandem routed.
  - Where call terminates to a Telephone Company switch, Telephone Company local switching, transport termination and common line state access charges apply.
  - Where call terminates to a TC switch, a composite charge will be assessed that reflects a weighted average of TC local switching and common line state access charges..

Dedicated Transport to Tandem-Shared Transport from tandem to terminating end office.

- ULSC and state access charges (for tandem routed access call) assessed to TC that leases originating line port.

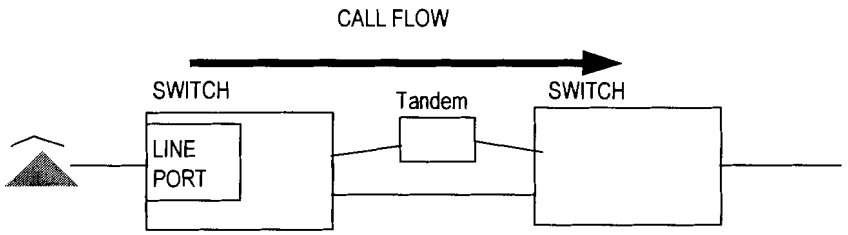
Dedicated Transport to Tandem-Dedicated Transport from tandem to terminating end office.

- ULSC, TTSC and state access charges (for a directly routed access call) assessed to TC that leases originating line port. (N)

6. Local Switching
6.3 Usage

Exhibit 6.3.2-4
Application of Usage Sensitive Charges
Inter-Entity Calls-Access (N)

INTER-ENTITY CALLS-ACCESS



Access Over Direct Route to IXC

- Unbundled Local Switching Charge (ULSC) and Unbundled Shared Trunk Port Charge (USTPC) assessed to TC that leases originating line port.

Access Over Tandem Route to IXC

- Unbundled Local Switching Charge (ULSC), Unbundled Shared Trunk Port Charge (USTPC), two Unbundled Tandem Transport Charges (UTTCs)* and Tandem Transit Switching Charge (TTSC) assessed to TC that leases originating line port.

* As of July 1998, only one Unbundled Tandem Transport Charge (UTTC) will apply in accordance with the FCC's Universal Service Order in Docket CC 96-262 released May 16, 1997. (N)

6. Local Switching
6.4 Group Routings

6.4.1	General	(N)
A.	Group routings are the translations, routings and screening that the Telephone Company must perform at its end offices and tandems to make the customer's network operate according to the customer's specifications. A request for standard group routings results in the TC's traffic being routed in the same manner as the Telephone Company's equivalent class of traffic. Customized routings allow the TC's traffic to be routed differently than the Telephone Company's traffic.	
B.	The TC's routing assignments are identified and implemented through the NDR process. The hourly wage rate applies for performing this work.	(N)

7. Access to Signaling Systems and Call Related Databases
7.1 General

7.1.1	Description	
A.	The Telephone Company will provide unbundled access to databases and associated signaling necessary for call routing and completion. TCs obtain access to the Telephone Company's network through their signaling points using CCS/SS7 protocol. TCs may launch queries to the Telephone Company's databases (including LIDB, 800 and AIN) to retrieve call routing and completion information to process their calls. For requesting TCs who do not opt to launch queries from their signaling points, but whose calls are routed through the Telephone Company's network, the Telephone Company will offer to launch those queries from its network, as technically feasible, to its databases and thereby complete the processing of the call.	(N)
B.	Preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Direct Customer Access Service (DCAS) System or its successor system.	
1.	Initial requests for SS7 signaling interconnection for new installation and for modification of existing installation must be referred to the Telephone Company account manager; subsequent portions of the SS7 order will be handled through DCAS or its successor system.	(N)

7. Access to Signaling Systems and Call Related Databases
7.2 Line Information Database (LIDB) Access

7.2.1	Description	
A.	LIDB Access can be ordered as an unbundled network element under the terms, conditions and rates contained in Part C, Section 1. 9 of this tariff.	(N) (N)

7. Access to Signaling Systems and Call Related Databases
7.3 LIDB Record Management

7.3.1	Description	
A.	LIDB record management can be ordered as an unbundled network element under the terms, conditions and rates contained in Part C, Section 1.10 of this tariff.	(N)
B.	LIDB record management is provided to TCs who designate the Telephone Company as their LIDB provider. LIDB record management provides the TC with the ability to store certain records of their end users in the Telephone Company LIDB.	(N)

7. Access to Signaling Systems and Call Related Databases
7.4 800 Database Access Service

7.4.1	Description	
A.	800 access service can be ordered as an unbundled network element under the terms, conditions and rates contained in Part C, Section 1.8 of this tariff.	(N) (N)

7. Access to Signaling Systems and Call Related Databases
7.5 Common Channel Signaling (CCS/SS7)

7.5.1	Description	
A.	Signaling System 7 signaling can be ordered as an unbundled network element under the terms, conditions and rates contained in Part C, Section 1.11 of this tariff.	(N)
B.	This option, which is available where transmission facilities permit, allows a TC to receive out of band signals for call set up.	(N)

7. Access to Signaling Systems and Call Related Databases
7.6 Service Management System (SMS)

7.6.1	Description	
A.	The Telephone Company will provide the TC with a process to create and test AIN-based services on the Telephone Company's Service Creation Platform.	(N)
1.	After the Telephone Company has tested the TC's new AIN based service for interoperability on the Telephone Company's network, the Telephone Company will make the AIN-based service available on its AIN service control point (SCP) for access from the TC's own network and from the TC's unbundled local switching ports and will provide a process for the TC to create and modify its own end user customer records.	
B.	Line or switch triggers initiate the call processing query to the AIN SCP. It is the responsibility of the TC to either order appropriate AIN triggers from the Telephone Company or provide them in their own network. These are available as optional line port features (AIN triggers) as part of unbundled local switching.	
C.	**Service Creation—** AIN service creation is unique to each TC. Development of the service logic by the TC is customer specific. Use of the AIN Service Creation Environment (SCE) is subject to the procedures outlined in the Advanced Intelligent Network Service Creation User guide. The SCE may be accessed either remotely via scheduled use of a BRI ISDN connection or through the scheduled use of physical facilities on Telephone Company premises.	
D.	**Certification Testing—**Once the service is created, certification testing is required to ensure network and feature capability. After passing certification, the feature logic will be loaded on the AIN SCP for use solely by the TC.	
E.	**AIN Customer Record Administration—** TC customer specific call processing records are maintained in the AIN SCP. The Telephone Company will provide a process for the TC to create and modify these records as required. Quarter hourly notes for SCP Record Provisioning will apply for Telephone Company personnel to load the records in the Telephone Company SCP. In addition, a monthly SCP and Record Charge will apply for each individual record established in the SCP.	(N)

7. Access to Signaling Systems and Call Related Databases
7.6 Service Management System (SMS)

7.6.1	Description	
F.	**AIN Service Queries**— Queries are launched to the AIN SCP to access the service logic applications for call processing information. The AIN SCP will return a response to the querying switch with the call processing instruction. The queries and responses utilize SS7 protocol. A trigger is required at the end office to initiate the query to the AIN SCP. It is the TC's responsibility to provide the trigger from its own network or it may be ordered from the Telephone Company when unbundled switch ports are utilized. Triggers are provided subject to TC AIN service certification process.	(N)
1.	One AIN SCP query and response message charge will apply for each query and response launched to the Telephone Company's AIN SCP which utilizes AIN SCP processing equivalent to an AIN Call Unit (ACU). An ACU is equivalent to an 800 Database query. Queries utilizing more than one ACU will be charged additional AIN SCP query and response message charges equivalent to the amount of ACUs required. In addition, an AIN Trigger per query rate will apply for each query initiated by an AIN Trigger within the Telephone Company network.	
G.	**Help Desk Support**— Telephone Company Help Desk personnel will be available during normal business hours to answer generic questions related to the operation of the SCE, the AIN network and related components in the Telephone Company network. Quarter hourly rates for the Help Desk support will apply.	
H.	**SS7 Transport**— An SS7 transport for AIN message charge will be billed for each query initiated to the SCP. This charge will also apply for each query initiated to a TC database by a Telephone Company AIN trigger.	

7.6.2	Application of Rates and Charges	
	Rates can be found in Part M, Section 2.7.1.	
A.	**AIN Development**— The following rates and charges apply as appropriate.	
1.	**NRC**— Service Establishment, per account established	
2.	**Monthly**— Service Creation Access Port	
a.	**Service Creation Usage**— Applies per 24 hour calendar day of usage.	
b.	**Certification and Testing**— Applies per 15 minute increment.	
c.	**Help Desk Support**— Applies per 15 minute increment.	
d.	**AIN SCP Record Provisioning**— Applies per 15 minute increment for Telephone Company personnel to load the records in the Telephone Company SCP	
B.	**AIN Service Deployment**— The following rates and charges apply as appropriate.	
1.	AIN SCP and Record Charge (monthly) for each individual record established in the SCP	
2.	AIN SCP Query and Response Message Charge (per query, per ACU)	(N)

8. Directory Assistance Services
8.1 Directory Assistance (DA)

8.1.1	Description
A.	The Telephone Company will offer Directory Assistance (DA) service to a TC's customers served by TC's own switch over separate trunk groups provided by the TC, or ordered by the TC to the Telephone Company TOPS switches.
1.	Access to the Verizon DA platform from the TC's local switch requires that the TC utilize feature group C (FGC) modified operator services signaling as specified by the Telephone Company. The IOF mileage rate for the facility will be based on airline mileage using V&H coordinate methods from the TC location to the nearest Telephone Company TOPS.
2	Trunk terminations at the TOPS switch(es) require the TC to purchase TOPS trunk ports.
3	The Telephone Company also provides TCs using the unbundled local switching element access to this optional service either through dedicated IOF and trunk ports or on shared operator service trunks between the end office in which they have unbundled local switching ports and TOPS switches. Additional per minute of use local switching charges will apply for all calls which interconnect from the unbundled local switching ports to the Telephone Company TOPS.
B.	For each trunk group the TC must indicate the DA option selected.
C.	The Telephone Company provides no DA call allowances to the TC or their end users.

(N)

8.1.2	Directory Assistance with Branding
A.	This service allows the TC to select only one of the three following options.
1.	The TC may provide the Telephone Company with a TC branded, introductory Directory Assistance and Operator Services announcement which will be played for all TC end users completing DA or Operator Services calls over the trunk group to the Telephone Company TOPS.
2.	The TC may request the Telephone Company branded announcement.
3.	The TC may request an unbranded, generic announcement.
B.	This message may be a maximum of eighteen seconds and may be recorded by the TC or, at the TC's request, by the Telephone Company. A minimum of two audio cassette recordings of the TC branding announcement must be forwarded to the Telephone Company.

8.1.3	Application of Rates and Charges
A.	**Directory Assistance**— Rates for branding will be billed to the TC and are set forth in Part M, Sections 2.8 and 2.9.
B.	**Directory Assistance Credits**—A credit allowance will apply to the TC for directory inaccessibility, wrong numbers, cut-offs or poor transmission. When the TC end user reports to the Telephone Company directory assistance operator such a call and the number requested, the number provided and the reason the number provided is incorrect, the number of calls for which a credit will apply will be developed by the Telephone Company DA operator and credited to the TC identifying the specific TC end user to whom the credit applies.

(N)

8. Directory Assistance Services
8.2 Directory Assistance with Call Completion (DACC)

8.2.1	Description	
A.	This option provides for connection of a TC end user calling Telephone Company DA to the published telephone number requested. After the Telephone Company DA operator provides the requested number, a recorded service message will offer to connect the caller to that number for a specified additional charge. The caller can accept the offer for DACC by depressing a button (touch tone) or responding by voice (dial), as instructed by the voice message.	(N)
B.	Calls completed using DACC will be completed over the Telephone company's network.	
C.	DACC is available with all telephone numbers in the Telephone Company DA database except for the following.	
1.	non-published telephone numbers	
2.	interLATA numbers	
3.	700, 800, 877, 888 and 900 numbers	
D.	When a caller requests more than one number for DA, DACC is offered only for the first eligible listing that was selected by the operator.	

8.2.2	Application of Rates and Charges	
A.	For DACC calls originating from a facilities-based TC's own switch or for calls from TC unbundled local switching line ports, there will be charges to terminate the call from the TOPS tandem to the called party. These include per minute of use transport charges assessed for each call transported between the TOPS tandem and the end office (UTTC charges), the per minute of use tandem transit switching charge (TTSC) assessed for each call that traverses a Telephone Company tandem switch, and the appropriate per minute of use charges for reciprocal compensation (UNRCC or UCRCC) depending on the terminating end office switch.	
B.	The DACC charge applies only to calls actually completed.	
1.	The DACC charge will be credited for completion of calls to the wrong number, incomplete connections or calls with unsatisfactory transmission.	
C.	DACC rates will be billed to the TC. DACC specific rates are in addition to the UTTC, TTSC and UNRCC or UCRCC charges.	(N)

8. Directory Assistance Services
8.3 Direct Access to Directory Assistance (DADA)

8.3.1	Description
A.	DADA is a database service that provides for access to Telephone Company listings by a TC's operator. The DADA database is a physically distinct entity from the Telephone Company DA database, populated with identical listing data, and updated from the same source on a daily basis.
B.	The TC is required to arrange for interconnection to the database. The Telephone Company will interconnect at any technically feasible point designated by the TC.
C.	The Telephone Company will provide the TC with a user guide for training its agents.

(N)

8.3.2	Application of Rates and Charges
A.	A per search charge applies per TC.
B.	A monthly charge applies per TC.
C.	DADA specific rates are in addition to the UTTC, TTSC and UNRCC or UCRCC charges.

(N)

9. Operator Services
9.1 General

9.1.1	Furnishing of Service	(N)
A.	The Telephone Company will provide operator services to a TC's end users on behalf of the TC. The Telephone Company will offer operator services to TC customers served by TC switches over separate trunk groups provided by the TC, or ordered by the TC to the Telephone Company TOPS switches.	
B.	To provision this service, the TC would order TOPS trunk ports.	
1.	The TC can either provide its own facilities to reach this port (in which case the service access charge would be applied), or can purchase unbundled IOF between the Telephone Company operator services tandem location and the TC location.	
2.	The Telephone Company requires that the trunk group facilities interconnecting a TC's switch and the Telephone Company's TOPS utilize feature group C, modified operator services signaling.	
3.	The IOF mileage rate for the facility will be based on airline mileage using V&H coordinates methods from the TC location to the nearest Telephone Company TOPS. Trunk terminations at the TOPS switch(es) require the TC to purchase trunk ports.	
4.	For each trunk group, the TC must indicate the branding option selected.	
C.	The Telephone Company also provides TCs using the unbundled local switching element access to this optional service either through dedicated IOF and trunk ports or on shared operator services trunks between the end office in which they have unbundled local switching ports and the TOPS switches.	
1.	Additional per minute of use local switching charges will apply for all calls which interconnect from the unbundled local switching ports to the Verizon TOPS. These include the per MOU transport charges assessed for each call transported between the TOPS tandem and the end office (UTTC charges), the per MOU tandem transit switching charge (TTSC) assessed for each call that traverses a Telephone Company tandem switch, and the appropriate per MOU charges for reciprocal compensation (UNRCC or UCRCC) depending on the terminating end office switch.	(N)

9. Operator Services
9.2 0+/Mechanized Operator Services (Calling Card, Collect, Bill to Third Number)

9.2.1	Description
A.	This option is available for TC's to provide their end users with the ability, through the mechanized Telephone Company operator interface, to complete calls via 0+ dialing with alternate billing capabilities without live operator assistance. Alternate billing call completions can be calling card, collect, and bill to third number.
B.	0+/Mechanized calls may be provided over the same DA trunk groups which establish interconnection from the TC switch or the trunk groups which provide interconnection from the TC unbundled local switching line ports to the Telephone Company TOPS.

(N)

9.2.2	Application of Rates and Charges
A.	Rates for request for 0+/Mechanized calls will be billed to the TC.
B.	Rates for Calling Card, Collect, Third Number and Branding per call apply on a per request basis and are in addition to the UTTC, TTSC and UNRCC or UCRCC charges.
C.	Dedicated DS-1 port charges apply on a monthly basis for TOPS Trunk Ports.
D.	The following NRCs apply for TOPS Trunk Ports.
1.	Manual Surcharges
2.	Service Connection – Other
3.	Service Connection – Central Office Wiring
E.	Monthly charges apply for IOF mileage for Dedicated Trunk Transport.
F.	Fixed and per mile charges apply on a monthly basis for DS-1 Dedicated Trunk Transport.
G.	The following NRCs apply for Dedicated Trunk Transport.
1.	Service Order
2.	Service Connection – Other
3.	Service Connection – Central Office Wiring

(N)

9. Operator Services
9.3 0– Operator Handled Calls (Calling Card, Collect, Bill to Third Number)

9.3.1	Description	
A.	This option is available for TCs to provide their end user, through the Telephone Company operator, the ability to complete intraLATA calls via 0- dialing with alternate billing capabilities and live operator assistance. Alternate billing call completions can be the following types.	(N)
1.	Calling card	
2.	Collect	
3.	Bill to third number	
4.	Person to person	
5.	Station to station	
B.	0- Operator Handled Calls may be provided over the same DA trunk groups which establish interconnection from the TC switch or the trunk groups which provide interconnection from the TC unbundled local switching line ports to the Telephone Company TOPS.	

9.3.2	Application of Rates and Charges	
A.	Rates apply per work second.	
B.	Rates for branding apply on a per-call basis.	
C.	These rates are in addition to the UTTC, TTSC and UNRCC or UCRCC charges.	
D.	Dedicated DS-1 port charges apply on a monthly basis for TOPS Trunk Ports.	
E	The following NRCs apply for TOPS Trunk Ports.	
1.	Manual Surcharges	
2.	Service Connection – Other	
3.	Service Connection – Central Office Wiring	
F.	Monthly charges apply for IOF mileage for Dedicated Trunk Transport.	
G.	Fixed and per mile charges apply on a monthly basis for DS-1 Dedicated Trunk Transport.	
H.	The following NRCs apply for Dedicated Trunk Transport.	
1.	Service Order	
2.	Service Connection – Other	
3.	Service Connection – Central Office Wiring	(N)

9. Operator Services
9.4 Inward Operator Services

9.4.1	Description
A.	Inward Operator Services enables the TC to be connected to the Telephone Company TOPS office(s) for the purpose of providing operator services to their end users. There are two types of Inward Operator Services.
1.	**Busy Line Verification (BLV)**—At the request of the TC's end user, a Telephone Company operator will attempt to determine the status of an exchange service line (e.g., conversation in progress, available to receive a call or out of service) and report to the TC's end user or its operator service provider.
2.	**Busy Line Verification/Interrupt (BLV/I)**—At the request of the TC's end user or its operator service provider, a Telephone Company operator determines and reports that a conversation is in progress on an exchange service line and subsequently interrupts such conversation to request that the conversation be terminated so that the TC's end user can attempt to complete a call to the line.
B.	Inward Operator Services are provided over trunk groups ordered by the TC to the Telephone Company TOPS switch(es).
C.	Inward Operator Services cannot be provided on ported telephone numbers, telephone numbers which forward calls using Call Forwarding service features.

(N)

9.4.2	Responsibility of the TC
A.	The TC and its customer shall indemnify and save the Telephone Company harmless against all claims that may arise from either party to the interrupted call or any other person.

9.4.3	Responsibility of the Telephone Company
A.	The Telephone Company will provide BLV and BLV/I for telephone numbers provided in its operating territory.
B.	The Telephone Company operator will respond to one telephone number per call on requests for BLV or BLV/I.
C.	The Telephone Company will designate which TOPS switch(es) service(s) which NXXs and make such information available to the TC.

9.4.4	Application of Rates and Charges
A.	Rates for Branding apply per request.
B.	Rates for BLV and BLV/I apply per work second.

(N)

10. Access to Operating Support Systems (OSS)
10.1 General

10.1.1	Description	
A.	The Telephone Company provides other TCs access to the functionalities of the Telephone Company's OSS in connection with the purchase of unbundled network elements. This access supports the pre-ordering, ordering, provisioning, maintenance and repair and billing of the unbundled network elements purchased by TCs.	(N)
B.	A transaction charge is applied on a per-transaction basis. Rates can be found in Part M, Section 2.10.	(N)

11. Number Portability
11.1 General

11.1.1	Description
A.	Number portability allows the TC's end user to retain a Telephone Company assigned telephone number when that end user disconnects the local exchange service provided by the Telephone Company and subscribes to local exchange service provided by a TC while remaining within the same central office boundary.
B.	Number portability is provided by Neustar, an independent vendor. Information on the Telephone Company number portability processes are in the Verizon TC handbook.
C.	**Local Dialing Parity**—The Telephone Company shall provide local dialing parity as required under Section 251(b)(3) of the Act in the following manner. Telephone numbers are provided pursuant to this section, directory assistance is provided pursuant to Part B, Section 8, operator services are provided pursuant to Part B, Section 9, and directory listings are provided pursuant to Part C, Section 2.3.

(N)

(N)

11. Number Portability
11.2 Number Resources, Rate Centers and Routing Points

11.2.1	General
A.	Nothing in this tariff shall be construed to limit or otherwise adversely affect in any manner a requesting TC's right to employ or to request and be assigned by the Code Administrator, Neustar, any central office (NXX) codes pursuant to the central office code assignment guidelines, as may be amended from time to time, or to establish, by tariff or otherwise, rate centers and routing points corresponding to such NXX codes.
B.	The Telephone Company reserves the right to assign, designate or change its telephone numbers, serving end offices or tandems, rate centers, or any other call number designations associated with services or network elements provided to TCs, or the Telephone Company serving central office prefixes associated with such numbers, when necessary in the conduct of its business.
C.	It shall be the responsibility of each party to program and update its own switches and network systems in accordance with the Local Exchange Routing Guide (LERG) in order to recognize and route traffic to the other party's assigned NXX codes at all times. Neither party shall impose any fees or charges whatsoever on the other party for such activities, except as expressly set forth in this tariff. Each party shall be responsible for obtaining LERG listings of CLLI codes assigned to its switches. In addition, each party shall provide all required information to Neustar for obtaining routing information, and shall provide all required information to Neustar so it can maintain the LERG in a timely manner.
D.	The requesting TC will designate a routing point for each assigned NXX code. The requesting TC shall designate one location for each rate center area as the routing point for the NPA-NXXs associated with that area, and such routing point shall be within the same LATA as the rate center but not necessarily within the rate center area itself.
E.	Notwithstanding anything to the contrary herein, nothing in this tariff is intended to, and nothing in this tariff shall be construed to, in any way constrain requesting TCs' choices regarding the size of the local calling area(s) that the requesting TC may establish for its customers, which local calling areas may be larger than, smaller than, or identical to, Verizon New Hampshire's lcoal calling areas.

(N)

(N)

12. Network Interface Device (NID) and House and Riser Cable

12.1 Network Interface Device (NID)

12.1.1	Description
A.	The NID is an FCC Part 68 registered jack from which customer premises wiring (inside wire) may be disconnected from the regulated Telephone Company's network. The Telephone Company will provide TC access to customer premises wiring through an existing Telephone Company NID connection.
1.	A TC may order a stand alone NID not connected to the Telephone Company's network.
B.	All preordering, ordering and provisioning will be handled through the use of the Telephone Company's Direct Customer Access Service (DCAS) system or its successor system.

(N)

12.1.2	Regulations
A.	A request must be initiated by the TC for access to the NID.
B.	Where suitable facilities exist, the Telephone Company shall make available a direct connection to its existing NID. Where suitable facilities do not exist, the Telephone Company will provide NID access to existing customer premises wiring through a cross connect arrangement where technically feasible. When necessary, the Telephone Company will rearrange its facilities from the network side of the NID to provide access to an existing customer's premises wiring.
1.	The TC is not permitted to remove or otherwise rearrange the Telephone Company's facilities.

12.1.3	Responsibility of the TC
A.	The TC is responsible for coordinating with the Telephone Company to ensure that facilities are installed in accordance with the elements requested.
B.	The TC is responsible for investigating any troubles reported by its end users. The TC is responsible for initiating, testing and sectionalizing (isolating) end user trouble reports.

(N)

12. Network Interface Device (NID) and House and Riser Cable
12.1 Network Interface Device (NID)

12.1.4	Responsibility of the Telephone Company	(N)
A.	If requested, cutover of a TC's end user to the TC's NID will be performed by the Telephone Company at a negotiated time. The Telephone Company will place a jumper cable to connect the Telephone Company's NID to the TC's NID. The Telephone Company will check for continuity at the time of installation.	
1.	If the TC's compatible connecting NID is not available or if the TC is unable to accept NID access at the time of installation (e.g. dial tone not present), a new cutover date will be established.	
B.	The Telephone Company is responsible for dispatching to clear a trouble when the trouble has been previously sectionalized to the Telephone Company's NID by the TC.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.1 Network Interface Device (NID)

12.1.5	Application of Rates and Charges	(N)
A.	**Changes**— A change from one TC to another will be considered a disconnect of the NID element from one TC and a new connect to the other TC. A conversion from a NID element to full service will be considered a disconnect from a TC and a new connect to a Telephone Company end user.	
B.	**Monthly**— A monthly charge applies for a two-wire or four-wire NID from the Telephone Company.	
C.	**NRC**— The following NRCs apply (refer to Part A, Section 3.3).	
1.	Customer Misdirect-Out	
2.	Customer Not Ready-Out	
3.	Dispatch-Out of Hours	
4.	Manual Intervention Surcharge (on a standard basis or on an expedited basis, as appropriate)	
D.	**Time and Materials** rates and charges apply as follows.	
1.	For the installation of a two-wire or four-wire NID.	
2.	For completion of the cross connect work from the TC's NID to the Telephone Company's connecting facility.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.1	Description	
A.	House and riser cable provides a TC with access to facilities between the network side of the network interface of the TC's end user and a point of interconnection (usually in the basement) on the same premises where the network side of the Telephone Company's house and riser facilities terminate.	(N)
1.	House and riser cable is only available in locations where the Telephone Company owns, operates and maintains such in-place facilities.	
2.	House and riser cable unbundled network elements are provided for use in connection with all services that can be provided using facilities.	
3.	House and riser cable is provided subject to the availability of facilities on a first-come first-served basis at the requested TC's customer's premises.	
B.	All preordering, ordering, provisioning, maintenance and billing requests will be handled through the use of the Telephone Company's Direct Customer Access Service (DCAS) system or its successor system.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.2	Responsibility of the Telephone Company	(N)
A.	If requested, cutover of a TC's end user to house and riser cable will be performed by the Telephone Company. The Telephone Company will place a jumper cable connecting the appropriate Telephone Company house and riser pair to the TC's terminal block.	
1.	If the TC's compatible terminal block or spare termination on the TC's terminal block is not available at the time of installation, a new cutover date will be established.	
B.	The Telephone Company's report time starts when the Telephone Company receives the trouble report from the TC.	
1.	The Telephone Company is responsible for providing trouble report status when requested.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.2	Responsibility of the Telephone Company	(N)
C.	The Telephone Company will, upon request, provide a list of locations where it owns house and riser cable (subject to a proprietary agreement).	
1.	The Telephone Company will, upon request, provide information regarding whether it owns house and riser or horizontal cable for any building where a TC is installing a terminal block. Subject to the requirements set forth in Section 12.2.3 following, the TC will be permitted to cross connect to the house and riser or horizontal cable prior to completion of the cable research needed to determine ownership of the cable.	
a.	The Telephone Company shall provide proof of ownership within nine months of the initial notice of the TC's intent to cross connect. If ownership by the Telephone Company is established within nine months of the TC's initial notice, charges will accrue as of the date the TC connects its facilities to the Telephone Company's house and riser or horizontal cable. No charges shall apply if proof of ownership is not provided within this nine-month period. Where proof of Telephone Company ownership has not previously been established and the TC has connected its facilities to the Telephone Company's house and riser or horizontal cable, the TC shall issue an LSR within seven business days of the TC's receipt of notice of the Telephone Company's ownership of the house and riser or horizontal cable.	
D.	Except as set forth in Section 12.2.3 following, Telephone Company technicians will perform all installation work where operations must be performed directly on Telephone Company equipment. The Telephone Company will specify where the cross connection should be made to ensure Telephone Company access.	
E.	The Telephone Company is responsible for dispatching, if necessary, to clear a trouble when the trouble has been previously sectionalized by the TC to the house and riser cable unbundled network element provided by the Telephone Company.	
F.	When the TC disputes the Telephone Company's use of building space owned by the landlord, the Telephone Company shall provide proof of construction jobs in progress.	
G.	The Telephone Company shall not be required to move any Telephone Company equipment, secure any right of way for the TC, secure space for the TC in any building, secure access to any portion of the building for the TC, nor reserve space in any building for the TC.	
H.	The Telephone Company reserves the right to petition the PUC for relief when a TC has significantly increased the number of out-of-service conditions in a building, or causes significant degradation or disruption to Telephone Company service due to the TC's performance of cross connections on Telephone Company's facilities. The Telephone Company further reserves the right to refer to the PUC evidence of TC non-compliance with the terms or requirements outlined herein. Such requested relief may include requesting restriction of the TC from making further cross connections in a building. Prior to filing a complaint with the PUC regarding troubles caused by the TC's cross connections or the Telephone Company's provision of access to riser or horizontal cable, the complaining party shall first provide fourteen (14) days' written notification to the individual designated by the other party to receive such notice, for the purpose of negotiation and resolution of such complaint; provided that if an end user is affected, the complaining party may file for relief with the PUC after reasonable notice to the other party.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.3	Responsibility of the TC	
A.	The TC is responsible for providing a contact number that is readily accessible 24 hours a day, 7 days a week.	(N)
B.	The TC is responsible for coordinating with the Telephone Company to ensure that facilities are installed in accordance with the request.	
C.	The TC is responsible for initiating, testing and sectionalizing (isolating) all of its end user trouble reports.	
D.	All TC equipment must comply with industry standards.	
E.	The TC shall notify the Telephone Company of its intent to cross connect its facilities to the Telephone Company's house and riser at a particular location at least 10 business days prior to placing an initial house and riser service order.	
1.	The TC shall also provide the Telephone Company with a current escalation list (i.e., 24 hour-by-seven days a week emergency maintenance contact list) or a web site address that contains a current escalation list. Upon such notification, the Telephone Company may, at its sole option, visually inspect the TC's equipment and facilities in the designated MDU to determine compliance with the industry standards and to ensure quality workmanship and good faith compliance with ordering requirements and standards.	
2.	The TC will provide all necessary access to its equipment and facilities for the limited purpose of the Telephone Company's inspection. If upon inspection the equipment and facilities are found to be non-compliant but no end user's service is affected, the TC must remedy any deficiency within ten business days. If upon inspection the equipment and facilities are found to be non-compliant and any end user served by the Telephone Company or any TC is affected, the TC must remedy any deficiency within twenty-four hours.	
3.	The TC shall have primary responsibility to its end user for installation and maintenance of all equipment and facilities.	
4.	For all ordering, the TC must issue an LSR and may do so up to twelve days in advance of the requested due date on the service order.	
5.	Once the TC has received the firm order commitment (FOC) from the Telephone Company, it may tag the house and riser pairs. Receipt of a FOC does not guarantee the availability of an available pair as described following. In no event shall the TC cross-connect its facilities to the Telephone Company's house and riser pairs prior to the due date received on the FOC from the Telephone Company.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.3	Responsibility of the TC	(N)
F.	A TC may only perform a cross connect to an "available pair". When performing a cross-connection for an end user who currently has service and is migrating to the TC, the TC shall reuse the house and riser pair being used by the end user if it is determined to be an "available pair".	
1.	A house and riser cable pair is an "available pair" if (a) it is not being used to provide service to a different end user; and (b) it is not being used in conjunction with a Digital Added Main Line (DAML) device, any other pair gain device or the Telephone Company's Door Answering Service; and (c) it is not defective; and (d) it has no cross-connection at any termination point other than the house and riser cross box; and (e) it has not been identified by the Telephone Company for maintenance spare or near-term customer use. Near term customer use means that the Telephone Company has identified the need for a pair to meet a customer's request up to twelve (12) days in advance of the customer due date.	
2.	The TC is responsible for not disrupting other customers in that building, cable or that equipment.	
G.	If the TC requests the Telephone Company to dispatch its technician to identify an available pair, the TC shall cancel the first LSR and issue a new LSR for house and riser facilities. Time and materials charges will apply. If the Telephone Company locates an available pair, the technician will perform the cross connect. If the Telephone Company's technician does not locate an available pair, the Customer Not Ready Charge will apply.	
H.	When making the cross-connection to the Telephone Company's house and riser pairs, the TC shall remove the existing cross wires from the house and riser cable. At that time, the TC shall trim back the removed cross-wires to within twelve (12) inches of the Telephone Company's serving cross-connection point, cut back any exposed wire, and tape and tag the cross wires and the house and riser cable end with the following information: (a) the TC's identity, (b) the number of the floor within the MDU on which the end user resides, and (c) the service order number.	
I.	If the TC provides the terminal block, the following pre-order conditions must be met by the TC prior to the Telephone Company's provisioning of house and riser cable.	
1.	The TC shall locate its compatible terminal block within cross connect distance on the network side of the Telephone Company's house and riser facilities. Cross connect distance is defined as being in the same room on the network side of where the Telephone Company's house and riser facilities terminate, not including a hallway, or within twelve feet of the Telephone Company's house and riser terminal block.	
a.	The TC shall install its terminal block and equipment no closer than 14 inches to the Telephone Company terminal equipment that either is installed or projected to be installed, unless otherwise agreed to by the parties.	
b.	The TC's terminal block or equipment cannot be attached to or otherwise affixed to the Telephone Company's facilities or equipment, cannot pass through or otherwise penetrate Telephone Company facilities or equipment, and cannot be installed in the path of Telephone Company planned growth, i.e., construction jobs already in progress.	
c.	The TC shall clearly identify its terminal block and equipment as a TC facility.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.3	Responsibility of the TC	(N)
J.	The TC shall advise the Telephone Company if a NID is required in the common closet on the floor of the end user or in the end user's premises. The Telephone Company will install a NID as specified in Section 12.1 preceding.	
K.	**Liability**	
1.	The TC shall be fully liable for any service performance plan penalties incurred by the Telephone Company as a result of the TC making its own cross connections.	
2.	The TC shall defend, indemnify and save harmless the Telephone Company from and against any suits, claims, losses or damages, including punitive damages, attorney fees and court costs by third persons arising out of the TC's making its own cross connections.	(N)

12. Network Interface Device (NID) and House and Riser Cable
12.2 House and Riser Cable

12.2.4	Security	(N)
A.	The TC's technicians shall display their company identification at all times while within the Telephone equipment area of the MDU. At no time shall any TC employee, consultant, contractor, or agent represent that he or she is an employee, consultant, contractor, or agent of the Telephone Company.	
B.	The Telephone Company shall reasonably determine the type of locks or other security measures to be used for securing its network equipment. The TC shall reimburse the Telephone Company on a time and materials basis for the reasonable costs (e.g., chains, latches card readers, etc.) associated with these security measures.	
C.	The Telephone Company shall determine the interval at which any passwords, combinations, or other applicable security measures are changed for new passwords, combinations or measures.	
D.	If the TC's end user no longer receives local exchange service from the TC, the Telephone Company may, at its option, remove the TC's cross connection from the Telephone Company's house and riser crossbox.	

12.2.5	Application of Rates and Charges
A.	**Changes—** A change from one TC to another will be considered a disconnect of the house and riser cable element from one TC and a new connect to the other TC. A conversion from a house and riser cable element to full service will be considered a disconnect from a TC and a new connect to a Telephone Company end user.
B.	**A Building Setup Service Charge** applies to the TC for the installation by the Telephone Company of each 50 pair terminal block required by the TC for their terminations.
C.	**NRC—** The following NRCs apply (refer to Part A, Section 3.3).
1.	Customer Not Ready-Out
2.	Dispatch-Out of Hours
3.	Manual Intervention Surcharge (only on requests for service submitted manually)
D.	**Monthly—** Monthly rates apply as follows.
1.	**Building Access—** For each unbundled house and riser pair a TC orders from the Telephone Company at a user's premises, a per pair charge applies.
2.	**Floor Access—** For each floor the unbundled house and riser pair is extended between (e.g., the point of interconnection where the Telephone Company's subscriber facility and house and riser facilities terminate to, or the network side of the network interface of the TC's end user on the same premises), a per pair per floor risen charge applies.
E.	**Time and Materials** rates and charges apply as follows.
1.	When the TC requests that the Telephone Company install new house and riser cable.
2.	The Telephone Company's reasonable costs for securing its network equipment.
3.	When the TC requests that the Telephone Company dispatch a technician to identify an available pair, and the technician identifies an available pair and performs the cross connect. (N)

13. Expanded Extended Loop (EEL)
13.1 General

13.1.1	Description
A.	EEL arrangements enable a TC to use combinations of unbundled links (provided under Part B, Section 5) and unbundled dedicated interoffice transport network elements, including unbundled multiplexers (provided under Part B, Sections 2 and 3) to provide a significant amount of local exchange service to an end user.
B.	EEL arrangements may not be connected to the Telephone Company's special access multiplexing or transport services or to any other Telephone Company tariffed services.
C.	EEL arrangements may not cross LATA boundaries.
D.	EEL arrangements may not be terminated to IXC entrance facilities.
E.	EEL arrangements may only terminate to a TC collocation arrangement in a Telephone Company central office, except in the limited circumstance identified in Part B, Section 13.3.1.A.3.
F.	Existing service arrangements that include already combined loop and transport elements will not be converted to EEL arrangements unless they meet the terms of Part B, Section 13.3.1.A. When a TC has requested conversion of a special access service to an EEL arrangement, EEL rates will be effective no later than 30 business days following the start of the conversion process. New EEL arrangements are not available.
G.	In addition to the EEL arrangements described in Part B, Section 13.1.1A, the following unbundled links (refer to Part B, Section 5) are available in combination with EEL voice grade/DS0 transport.
1.	2 wire analog basic link
2.	2 wire digital ISDN capable link
3.	4 wire analog basic link
4.	4 wire 56 KD link

(N)

13.1.2	Maintenance Standards
A.	All EEL arrangements are subject to the appropriate maintenance service standards applicable to the link.

(N)

13. Expanded Extended Loop (EEL)
13.2 Responsibility of the Telephone Company

13.2.1	General	
A.	The Telephone Company has the right to audit to confirm the TC's compliance with the local usage requirements in Part B, Section 13.3.1A. The Telephone Company will hire and pay for an independent auditor to perform the audit, and the TC will reimburse the Telephone Company if the audit uncovers non-compliance with the local usage options. The Telephone Company will provide at least 30 days' written notice to a TC that has purchased a combination of unbundled loop and transport network elements that it will conduct an audit. The Telephone Company will not conduct more than one audit of the TC in any calendar year unless the audit finds non-compliance. Such audits will not delay the provisioning of EEL arrangements.	(N) (N)

13. Expanded Extended Loop (EEL)
13.3 Responsibility of the TC

13.3.1	General	(N)
A.	The TC must certify in writing that the EEL arrangement is being used to provide a significant amount of local exchange service and associated switched access services to a particular customer. The TC must specify under what local option (as described below) it qualifies. Such certification will not delay the provisioning of EEL arrangements. It is presumed that the TC is providing a "significant amount of local exchange service" to a particular customer if it meets one of three circumstances.	
1.	**Option 1**—The TC certifies that it is the exclusive provider of an end user's local exchange service. The loop-transport combinations must terminate at the TC's collocation arrangement in at least one Telephone Company central office. This option does not allow loop-transport combinations to be connected to the Telephone Company's tariffed services. Under this option, the TC is the end user's only local service provider.	
2.	**Option 2**—TC certifies that it provides local exchange and exchange access service to the end user customer's premises and handles at least one third of the end user customer's local traffic measured as a percent of total end user customer local dialtone lines; and for DS1 circuits and above, at least 50 percent of the activated channels on the loop portion of the loop-transport combination have at least 5 percent local voice traffic individually, and the entire loop facility has at least 10 percent local voice traffic. When a loop-transport combination includes multiplexing (e.g., DS1 multiplexed to DS3 level), each of the individual DS1 circuits must meet this criteria. The loop-transport combination must terminate at the TC's collocation arrangement in at least one Telephone Company central office This option does not allow loop-transport combinations to be connected to the Telephone Company's tariffed services.	
3.	**Option 3**—The TC certifies that at least 50 percent of the activated channels on a circuit are used to provide originating and terminating local dialtone service and at least 50 percent of the traffic on each of these local dialtone channels is local voice traffic, and that the entire loop facility has at least 33 percent local voice traffic. When a loop-transport combination includes multiplexing (e.g., DS1 multiplexed to DS3 level), each of the individual DS1 circuits must meet this criteria. This option does not allow loop-transport combinations to be connected to the Telephone Company's tariffed services. Under this option, collocation is not required.	
B.	The TC is responsible for initiating and isolating all end user trouble reports and isolating the trouble to the Telephone Company network. The trouble reporting procedure must conform to the established mechanized process.	(N)

13. Expanded Extended Loop (EEL)
13.4 Application of Rates and Charges

13.4.1	Description	(N)
A.	**Monthly Rates**	
1.	The applicable recurring rate for each separate network element will apply to EEL arrangements.	
2.	EEL voice grade/DS0 transport provides for the transmission facility between the two termination points.	
a.	Rates for EEL voice grade/DS0 transport apply on a fixed and per mile basis.	
3.	When a CLEC has requested conversion of a special access service to an EEL arrangement, EEL rates will be effective no later than 30 business days following the start of the conversion process.	
B.	**NRCs** will equal the sum of the tariffed NRC applicable to the individual unbundled network elements involved in the provisioning of the EEL arrangement, less the charge for the network activities, if any, not required to be performed due to the nature of the specific combination requested.	
1.	**EELTest Charge—** An NRC applies to recover the additional cost associated with testing EEL arrangements. This charge will vary depending on the specific loop type that is ordered and the geographic location.	
2.	**Customer Not Ready Charges** will apply as appropriate.	
3.	One service order charge per service order issued will apply.	
C.	**Collocation SAC or IAC Charges** as appropriate will also apply (refer to Part E).	
D.	Termination liability and minimum service period charges may be applicable to early termination of services that convert to EEL arrangements. All applicable termination liabilities and minimum period penalties will apply pursuant to applicable tariff terms and conditions for early termination of services.	(N)

14. Reserved for Future Use (N)

15. Unbundled Network Element–Platform (UNE–P) Combinations
15.1 General

15.1.1	Description	
A.	Loop and port combinations previously utilized by the Telephone Company to provide local exchange and associated switched exchange access services will be made available as UNE–P combinations under the terms, conditions, rates and charges of this tariff.	(N)
B.	Requests for combinations of local loop and local switch port UNEs that are not ordinarily combined and have not previously been combined in the Telephone Company network will be made available to the extent technically feasible pursuant to the bona fide request process (refer to Part A, Section 2).	
C.	A UNE–P combination, as offered under this tariff, consists of the combination of the following UNEs.	
1.	Unbundled Local Loop (refer to Part B, Section 5), which is connected to unbundled local switching.	
2.	Unbundled Local Switching (refer to Part B, Section 6), which provides access to the following UNEs.	
a.	Unbundled Shared Trunk Port (refer to Part B, Section 6.2) and Common (shared) Transport (refer to Part B, Section 6.3)	
b.	Signaling Systems and Call Related Databases (refer to Part B, Section 7)	
c.	E911	
d.	Optional directory assistance services and operator services (refer to Part B, Sections 8 and 9, respectively)	
e.	Optional Dedicated Trunk Port (refer to Part B, Section 6.2), which provides access to Dedicated Transport (refer to Part B, Section 2).	
D.	There is no collocation requirement to access local loop and local switch port UNE–P combinations.	(N)

15. Unbundled Network Element–Platform (UNE–P) Combinations
15.2 Responsibility of the CLEC

15.2.1	Network Design Request
A.	Prior to submitting an initial order for unbundled switching or UNE–P combinations, the CLEC must complete the NDR process described in Part B, Section 6.4.1.

(N)

15.2.2	Mechanized Trouble Reporting
A.	A CLEC purchasing a UNE–P combination is responsible for testing, trouble isolation, and requesting dispatch of a Telephone Company technician for repair, using the mechanized trouble reporting system provided by the Telephone Company.

(N)

15. Unbundled Network Element–Platform (UNE–P) Combinations
15.3 Ordering of Service

15.3.1	Classification of UNE–P Combination	(N)
A.	Orders for UNE–P combinations will be divided into the following classes.	
1.	**Migration**— The transfer of existing retail business or residence service of the Telephone Company to the already connected UNEs that comprise the underlying retail service.	
2.	**New**— The connection of an existing loop and port not currently connected (but which is ordinarily combined in the Telephone Company's network) for the provision of local exchange and associated switched exchange access services to a specific business or residence end user customer.	(N)

15. Unbundled Network Element–Platform (UNE–P) Combinations
15.4 Application of Rates and Charges

15.4.1	Description	
A.	**General**— Tariffed NRCs, monthly rates and usage (as incurred) apply to all UNE–P combinations (refer to Part M, Sections 1, 2, and 3).	(N)
B.	**NRCs**	
1.	**Service Order** applies based upon type of loop ordered (on a standard basis or an expedited basis, as appropriate)	
2.	**Service Connection–Other** applies based upon type of switch port ordered (on a standard basis or an expedited basis, as appropriate)	
3.	**Service Connection–Central Office Wiring** applies based upon the type of switch port ordered for any orders classified as new (on a standard basis or an expedited basis, as appropriate). UNE–P combinations that utilize analog, coin, public access line or basic rate ISDN switch ports are assessed one service connection–central office wiring charge associated with the line port used. UNE–P combinations that utilize primary rate ISDN or DS1 trunk ports with line treatment are assessed a service connection–central office wiring charge equal to the sum of the individual service connection–central office wiring charges for the loop and the port, plus installation dispatch–out charges.	
4.	**Other NRCs**— The following NRCs also apply as appropriate (refer to Part A, Section 3).	
a.	Manual Intervention Surcharges apply per order, per link (on a standard basis or an expedited basis, as appropriate).	
b.	Installation Dispatch Out	
c.	Customer Misdirect–In	
d.	Customer Misdirect–Out	
e.	Customer Not Ready–In	
f.	Customer Not Ready–Out	
C.	**Monthly Rates**	
1.	The applicable recurring rate for each separate network element will apply to UNE-P arrangements (refer to Part B and Part M, Sections 2 and 3).	
D.	**Usage**	
1.	Tariffed MOU charges apply based on the Telephone Company network resource that is used (refer to Part B, Section 6–9 and Part M).	(N)

16. Reserved for Future Use (N)

17. Unbundled Dark Fiber
17.1 General

17.1.1	Description	
A.	For purposes of this Part B, Section 17, the terms "business line," "fiber-based collocator," and "wire center" shall have the meanings set forth in 47 C.F.R. § 51.5, as in effect on and after March 11, 2005.	
B.		(D) (D)
C.	**Dark Fiber Dedicated Transport** - This Part B, Section 17.1.1.C implements certain provisions of the *Order on Remand* issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the "*Triennial Review Remand Order*"), and of the regulations promulgated by the FCC pursuant to that order.	
1.	**Limitations on Unbundling Obligation** - Notwithstanding any other provision of this tariff, and subject to the transition plan set forth in Part B, Section 17.1.1.C.2, below, the Telephone Company will not provide unbundled access to dark fiber dedicated transport, as defined in the introductory paragraph of 47 C.F.R. § 51.319(e)(2)(iv), to an extent beyond that required by 47 C.F.R. § 51.319(e)(2)(iv)(A), as in effect on and after March 11, 2005.	
2.	**Transition Plan** - For a 18-month period beginning on March 11, 2005, any dark fiber dedicated transport UNE that a TC leases from the Telephone Company as of that date, but which the Telephone Company is not obligated to unbundle pursuant to Part B, Section 17.1.1.C.1, above, shall be available for lease from the Telephone Company at a rate equal to the higher of (1) 115 percent of the rate the requesting TC paid for the dedicated dark fiber transport element on June 15, 2004, or (2) 115 percent of the rate the Commission has established or establishes, if any, between June 16, 2004, and March 11, 2005, for dark fiber dedicated transport. Where the Telephone Company is not required to provide unbundled dark fiber dedicated transport pursuant to Part B, Section 17.1.1.C.1, above, requesting TCs may not obtain new dark fiber transport as unbundled network elements.	

17. Unbundled Dark Fiber
17.1 General

17.1.1	Description	
D.	**Post-transition Arrangements -** TCs that have unbundled dark fiber dedicated transport arrangements in place at the end of the transition period described in Part B, Section 17.1.1.C.2, above, must discontinue such arrangements or convert them to alternative serving arrangements, where such alternative arrangements are available from the Telephone Company. Orders for such discontinuance or conversion must be placed early enough, in light of the applicable provisioning intervals, to ensure that the orders can be fulfilled by the end of the transition period. If the TC does not place timely orders to discontinue or convert any such unbundled dark fiber loop or unbundled dedicated transport arrangements, the arrangements will be disconnected at the end of the transition period.	(C) (T) (C)
E.	Pursuant to the Order on Remand issued by the Federal Communications Commission on February 4, 2005, in WC Docket No. 04-313 and CC Docket No. 01-338 (the "*Triennial Review Remand Order*"), and the regulations promulgated by the FCC pursuant to that order, a TC's submission to the Telephone Company of an order for unbundled dark fiber dedicated transport shall constitute a certification that, to the best of the TC's knowledge based on diligent inquiry, the order is consistent with the restrictions set forth in Part B, Section 17.1.1.C.1, above, and that the TC is entitled to unbundled access to the network element ordered. Such diligent inquiry shall include review of lists to be provided by the Telephone Company on its wholesale web site of the wire centers that meet specified criteria relating to the number of business lines that are served and the number of fiber-based collocators that are present. If the Telephone Company challenges such certification, and if it is determined, after completion of the applicable dispute resolution process, that the TC was not entitled to unbundled access to such element, then the TC will be backbilled to the date on which the element was first provisioned, in the amount of the difference between the rate applicable to unbundled access to the network element in question and the rate that would otherwise be charged for the use of that element. Dark fiber provides a TC with an unlit, continuous fiber optic strand within an existing, in-place Telephone Company fiber optic cable sheath solely for use in the provision of telecommunications services.	
1.	A strand is not considered continuous if splicing is required to provide fiber continuity between locations. If a fiber strand can be made continuous by joining fibers at existing splice points within the same sheath, including currently jointed lateral sheaths within the same splice closures, the Telephone Company will perform such splicing at the TC's request on a time and materials basis.	
2.	A minimum quantity of two fiber strands is required.	
F.	The Telephone Company will provide access to the following types of dark fiber where available between the following locations.	
1.	TC collocation arrangement at existing hard termination points	
2.	TC collocation arrangement and the TC's CO/POP	
3.	TC collocation arrangement and end user's premises	
4.	TC collocation arrangement and outside plant remote terminal locations	
G.	Dark fiber is only available where in-place, spare facilities exist. The Telephone Company will not construct new or additional facilities and will not introduce additional splice points to accommodate Unbundled Dark Fiber requests.	
H.	Dark fiber is provided subject to the availability of facilities on a first-come, first-served basis. Reservations for Unbundled Dark Fiber are not accepted.	
I.	Unbundled Dark Fiber may be accessed at existing hard termination points (e.g., fiber distribution frames and industry standard mechanical fiber connectors).	

17. Unbundled Dark Fiber
17.1 General

17.1.1	Description	
J.	Written inquiries regarding Unbundled Dark Fiber availability must designate the two locations between which Unbundled Dark Fiber is desired and the quantity of fiber pairs requested. Each inquiry must specify two locations only. Additional locations will require additional requests.	(T)
K.	The Telephone Company's Carrier Account Team Center (CATC) will be the single point of contact for all Unbundled Dark Fiber requests.	(T)

17.1.2	Cable Records Review
A.	Prior to ordering Unbundled Dark Fiber, a TC must submit a written inquiry to the Telephone Company to conduct a review of its existing cable records to determine whether spare dark fiber is available. The Telephone Company will respond in writing within fifteen (15) business days from receipt of the TC's request, indicating whether Unbundled Dark Fiber may be available based on the records search. If Unbundled Dark Fiber may be available, the Telephone Company will respond with an "Acknowledgement." For voluminous requests or large, complex projects, the Telephone Company reserves the right to negotiate a different interval.
1.	**If Unbundled Dark Fiber is Available**—The Telephone Company will provide to the TC the estimated mileage and number of intermediate offices, if applicable. The Telephone Company will also provide an estimate to the TC of the applicable rates and charges when the records indicate spare dark fiber may be available. The Telephone Company makes no guarantee as to the length of time the fiber will remain spare. The TC may order Unbundled Dark Fiber according to the terms and conditions described in Part B, Section 17.1.7.

17. Unbundled Dark Fiber
17.1 General

17.1.2	Cable Records Review	(N)
A.	(Continued)	
2.	**If Access to Unbundled Dark Fiber is Not Available**—The Telephone Company will notify the requesting TC, within fifteen (15) business days that no spare dark fiber is available over the direct route nor any reasonable alternate indirect route. If applicable, the Telephone Company will identify the first blocked segment on each alternate indirect route and which segment(s) in the alternate indirect route are available prior to encountering blockage on that route. If the TC has not marked the Negative Check-Off Box on the dark fiber inquiry form, the TC will receive and be charged for the following additional cable documentation, within thirty (30) calendar days from receipt of the TC's initial dark fiber inquiry.	
a.	The specific reason the request cannot be granted	
b.	A simple schematic depicting the direct and any reasonable alternate indirect routes that were investigated	
c.	The total number of fiber sheaths and strands between points on the requested routes	
d.	The number of strands currently in use	
e.	The transmission speed on each strand (e.g., OC3)	
f.	The number of strands in use by other carriers	
g.	The number of strands lit in each of the three preceding years	
h.	The number of strands reserved for the Telephone Company's use	
i.	The estimated completion date of any construction jobs planned for the next two years or currently underway	
j.	An offer of any alternate route with available dark fiber	
k.	In addition, for fibers currently in use, the Telephone Company shall specify if the fiber is being used to provide non-revenue producing services such as emergency service restoration, maintenance, and/or repair	
B.	The TC will be billed a non-recurring charge for cable documentation per request to reimburse the Telephone Company for the costs incurred in providing the TC with the documentation described in this provision.	(N)

17. Unbundled Dark Fiber
17.1 General

17.1.3	Fiber Layout Map	(N)
A.	At the option of the TC, the TC may request a fiber layout map for a wire center for preliminary design purposes only. The map will show the routes within the wire center where there are existing Telephone Company fiber cable sheaths.	
1.	Fiber layout maps are based upon the Telephone Company's existing records and are provided subject to a non-disclosure agreement. Said agreement shall limit disclosure to personnel of the TC that have a need for fiber layout information solely for the purpose of designing the TC network.	
2.	A TC's written request for a fiber layout map for a wire center shall be sent to the service delivery engineer in the CATC. The Telephone Company will charge the TC requesting the map on a time and materials basis for all work performed by the Telephone Company in connection with creating the map.	
3.	If another TC submits a written request for a fiber layout map for the same wire center, the Telephone Company will provide the map to the other TC subject to the same non-disclosure agreement. The Telephone Company will charge the TC requesting the map on a time and materials basis for all work performed by the Telephone Company to reproduce and update the map.	(N)

17. Unbundled Dark Fiber
17.1 General

17.1.4	Field Survey
A.	**Records Indicate No Spare Fiber**—If the dark fiber records review indicates that spare fiber is not available, the TC may request that the Telephone Company perform a field check to verify that no spare fibers are available. A technician will be deployed to ensure the fiber matches the inventory records for in-use, defective, and maintenance fibers. If the records do not match, the Telephone Company will inform the TC that fiber is available and will update its fiber inventory records. The TC will be charged time and materials for the field survey.
B.	**Records Indicate Spare Fiber Available**—At the option of the TC, the TC may request a field survey in order to verify the availability of Unbundled Dark Fiber pairs and that such pairs are not defective or have not been used by Telephone Company personnel for prior emergency restoration activity. Fiber pairs will be tested by placing a light source on the individual fibers and measuring the end-to-end loss utilizing industry standard fiber optic test equipment. Results will be documented and provided to the TC. Unless and until an order is placed, the fiber identified in a field survey remains available to satisfy other requests. The TC will be charged time and materials for the field survey...
C.	Upon request from the TC, the Telephone Company will provide a refund to the TC for a field survey if, within three (3) months of a positive inquiry response, the TC orders a field survey and during the survey it is determined that dark fiber is not available and that the Telephone Company records were in error (i.e., current unavailability is not due to the assignment of that fiber(s) to an order after completion of the dark fiber inquiry).

(N)

17.1.5	Testing
A.	In cases where a field survey is declined, the TC may request initial or subsequent testing of dark fiber to determine actual transmission requirements. The TC will be charged time and materials for the testing. If the TC subsequently determines the Unbundled Dark Fiber provided by the Telephone Company is not suitable, the TC must submit a request to disconnect the Unbundled Dark Fiber.

17.1.6	Connectors
A.	A TC may request that the Telephone Company clean the connectors on an Unbundled Dark Fiber network element in order to remove non-embedded contaminants in an effort to improve transmission characteristics. The TC will be charged time and materials for all work performed related to cleaning connectors.
B.	A TC may request that the Telephone Company retrofit older connectors on an Unbundled Dark Fiber network element with the Telephone Company's currently approved connectors in order to try to improve the transmission characteristics of the network element. The Telephone Company will not retrofit older connectors if there is a risk of disrupting existing fiber optic services in the same ribbon. As standard business practice calls for all connectors in a ribbon to be retrofitted at the same time, the requesting TC will be charged time and materials to retrofit every connector in a ribbon and for all work performed related thereto, regardless of who uses the individual strands.

(N)

17. Unbundled Dark Fiber
17.1 General

17.1.7	Ordering Unbundled Dark Fiber	(N)
A.	If the record review indicates spare fiber is available, the TC shall submit an ASR for Unbundled Dark Fiber as soon as possible using the standard ordering process or parallel provisioning process as described in Part B, Section 17.1.7B. The standard ordering process shall be used when the TC does not have additional requirements for Collocation. The parallel provisioning process shall be used when the TC requires a new Collocation arrangement or an augment to an existing Collocation arrangement.	
B.	Upon the TC's request, parallel provisioning of Collocation and Unbundled Dark Fiber will be conducted in accordance with the following terms and conditions:	
1.	The TC will use existing interfaces and the Telephone Company's current applications and order forms to request Collocation and Unbundled Dark Fiber.	
2.	Before the TC submits a request for parallel provisioning of Collocation and Unbundled Dark Fiber, the TC will.	
a.	submit a Dark Fiber Inquiry Form and receive an Acknowledgement from The Telephone Company that Unbundled Dark Fiber is available on the requested route	
b.	submit a Collocation application for the Telephone Company Central Office(s) where the Unbundled Dark Fiber terminates and receive confirmation from the Telephone Company that the TC's Collocation application has been accepted	
3.	The TC will prepare requests for parallel provisioning of Collocation and Unbundled Dark Fiber in the manner and form reasonably specified by the Telephone Company.	
4.	If the Telephone Company rejects the TC's Unbundled Dark Fiber request, the TC may cancel its Collocation application within five (5) Business Days of such rejection and receive a refund/credit of the Collocation application fee paid, less the costs the Telephone Company incurred to date.	
5.	If the Telephone Company accepts the TC's Unbundled Dark Fiber request, the Telephone Company will parallel provision the Unbundled Dark Fiber to a temporary location in the Telephone Company's Central Office(s). The Telephone Company will charge and the TC will pay for parallel provisioning of such Unbundled Dark Fiber at the rates specified in M.2.17, beginning on the date that the Telephone Company accepts each request for parallel provisioning of Collocation and Unbundled Dark Fiber.	
6.	Within ten (10) Business Days after the Telephone Company completes the TC's Collocation arrangement or augment, the TC shall submit an Unbundled Dark Fiber change request to reposition Unbundled Dark Fiber from the temporary location in the Telephone Company Central Office(s) to the permanent location at the TC's Collocation arrangement in the Telephone Company Central Office(s). The TC will prepare such request(s) in the manner and form specified by the Telephone Company.	
7.	If the TC cancels its Collocation application, the TC must also submit a cancellation for the unbundled Dark Fiber provisioned to the temporary location in the Telephone Company Central Office(s).	(N)

17. Unbundled Dark Fiber
17.2 Responsibility of the Telephone Company

17.2.1	Description
A.	The Telephone Company does not guarantee or make any warranty with respect to the accuracy or completeness of its cable records.
B.	All required provisioning work will be performed by Telephone Company personnel, using current Telephone Company approved methods.
C.	Dark fiber, where available, conformed to those Telephone Company standard transmission characteristics in place at the time the fiber was installed. The Telephone Company will not re-terminate or re-splice fibers in order to improve transmission characteristics.
D.	The Telephone Company does not guarantee that the transmission characteristics of Unbundled Dark Fiber will remain constant over time.
E.	Where Unbundled Dark Fiber terminates at a non-Telephone Company serving wire center, the Telephone Company will place fiber jumpers between its fiber distribution panel and the TC's demarcation point.
F.	Where Unbundled Dark Fiber terminates at a collocation arrangement, the Telephone Company will place a fiber jumper connecting the pair on the Telephone Company's fiber distribution frame to the TC's fiber cross connects (fiber ties) on the POT bay.
G.	The Telephone Company will provide intermediate cross-connections between fiber distribution frames in intermediate wire center(s).
H.	The Telephone Company reserves the right to petition the Commission for relief from its obligation to provide Unbundled Dark Fiber if it believes that a TC request would strand an unreasonable amount of fiber capacity or would result in service disruption or degradation of service to other customers.
I.	In the event the Telephone Company must perform emergency cable restoration to its own facilities, all efforts will be made to restore the TC's leased Unbundled Dark Fiber pairs in the same manner as other fibers in the same cable sheath using Telephone Company standard restoration procedures.
J.	The Telephone Company will use the same methods, procedures and practices to maintain the TC's fibers as it does for its own fibers. If an entire ribbon degrades and the Telephone Company would, in the ordinary course of business, repair the fiber, the Telephone Company will repair all of the strands in the ribbon regardless of whether the fibers are being used by the TC or by the Telephone Company.

(N)

(N)

17. Unbundled Dark Fiber
17.3 Responsibility of the TC

17.3.1	Description	
A.	The TC assumes all risks of ordering Unbundled Dark Fiber based solely on the Telephone Company's cable records review, including cancellation charges, if it is subsequently determined that Unbundled Dark Fiber is not available.	(N)
B.	The TC is responsible for determining whether the transmission characteristics of the Unbundled Dark Fiber provided by the Telephone Company will accommodate its requirements.	
C.	The TC is responsible for obtaining all rights of way, conduit, duct and pole space required for the TC-provided cable.	
D.	The TC is responsible for obtaining any governmental or private property permit, easement or other authorization or approval required for access to Unbundled Dark Fiber.	
E.	Establishment of applicable fiber optic transmission equipment or intermediate repeaters needed to power Unbundled Dark Fiber in order to transmit information is the responsibility of the TC.	
F.	The TC assumes all risks associated with the unforeseen introduction of future splices on Unbundled Dark Fiber.	
G.	Except where parallel provisioning is used, the TC is responsible for ensuring that appropriate cross connects and POT Bay terminations are in place prior to submitting an order for Unbundled Dark Fiber.	
1.	If the TC's collocation arrangement was not established with fiber cross connects, the TC is responsible for augmenting its collocation arrangement with the proper cross connects before it submits an order for Unbundled Dark Fiber.	
H.	The TC shall commence the intended use of the requested Unbundled Dark Fiber within a reasonably prompt period of time from the date of its receipt as an unbundled network element. Commencement of intended use means completion of all preparations rendering the Unbundled Dark Fiber capable of providing the planned service offering to customers.	
1.	If the TC does not commence the intended use of the requested dark fiber within a reasonably prompt period, any carrier may petition the Commission to consider whether the TC is reserving Unbundled Dark Fiber that is not demonstrably necessary to meet its short-term service needs.	
I.	The TC accepts the environmental risks inherent in outside plant construction.	
J.	Upon notification by the Telephone Company, the TC must also agree to cooperate with the Telephone Company for normal cable maintenance activity (e.g., cable rearrangements, etc.	
K.	The TC is responsible for establishing a fiber patch panel in the building's main telco room or at a location determined by the Telephone Company which will serve as the demarcation point when Unbundled Dark Fiber terminates in a location other than a Telephone Company wire center.	(N)

17. Unbundled Dark Fiber
17.4 Regulations

17.4.1	Reserving Fiber Pairs
A.	If the TC requests Unbundled Dark Fiber pairs that the Telephone Company has allocated for another customer (e.g., they have been installed or allocated to serve a particular customer in the near future), or for growth or survivability in a particular part of its network as demonstrably necessary to meet its individual short-term service needs, the Telephone Company shall not be required to lease such dark fiber pairs as Unbundled Dark Fiber.

(N)

17.4.2	Maintenance Spares
A.	In order to maintain the integrity and reliability of the Telephone Company's network, the Telephone Company will reserve a reasonable quantity of fibers in any cable, depending upon the total number of fibers in the cable, to be designated as maintenance spares in order to effect emergency repairs or network rearrangements, but only as demonstrably necessary to meet its individual short-term service needs. These maintenance spares will not be available for lease as Unbundled Dark Fiber.

17.4.3	Billing of Rates and Charges
A.	The Telephone Company will commence billing applicable NRCs and monthly rates for Unbundled Dark Fiber upon completion of the service order on the requested due date.
B.	Before undertaking work associated with TC requests for fiber layout maps, field surveys, testing, cleaning connectors or retrofitting connectors, the Telephone Company will provide the TC with a written estimate of the time and cost associated with the request. The Telephone Company will proceed with the work only upon receipt of the TC's written authorization and full payment of the estimated charges. Upon completion of the work, the Telephone Company will provide the TC with a final statement of the total cost incurred to perform the work and either issue a bill or provide a credit for the difference between the estimated and actual costs.

17.4.4	Request for Service Date Change
A.	The TC may submit to the CATC a written supplement to the original ASR requesting a change of service date for the unbundled dark fiber request, but the new service date may not exceed the original service date by more than thirty calendar days. The TC will be billed a nonrecurring service date change charge to delay the start of service.
1.	If the TC's requested service date is more than thirty calendar days after the original service date, or if the TC is unable to accept the Unbundled Dark Fiber within thirty calendar days of the original service date, the TC's order for Unbundled Dark Fiber will be cancelled by the CATC representative on the thirty-first day and cancellation charges will apply. In addition, the pairs requested on the cancelled order(s) will not be reserved for the TC and will be returned to available inventory.

(N)

17. Unbundled Dark Fiber
17.5 Application of Rates and Charges

17.5.1	NRCs
A.	The Service Order Charge NRC applies, per order (refer to Part A, Section 3.3).
B.	The Service Connection- CO Wiring NRC applies (refer to Part A, Section 3.3).
C.	The Service Connection - Other NRC applies (refer to Part A, Section 3.3).
D.	The following NRCs apply as appropriate (refer to Part A, Section 3.3).
1.	**Field Installation Charge**—Applies per service order.
2.	**Cable Documentation**—Applies per request.
3.	**Records Review**—Applies per pair.
E.	Where Parallel Provisioning occurs, the TC will be billed as follows:
1.	Non–recurring service order charge.
2.	C.O. Wiring charge to reposition Unbundled Dark Fiber from the temporary location in the Telephone Company Central Office(s) to the permanent location at the TC's Collocation arrangement in the Telephone Company Central Office(s).

(N)

17.5.2	Monthly Rates
A.	**Mileage**—The mileage measurement to be used to calculate the per mile monthly rate is calculated on the airline distance between the two locations. First, compute the mileage using the V&H coordinates method, as set forth in the NECA Tariff No. 4. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then, multiply the mileage by the appropriate per mile rate. The amount to be billed shall be the product of this calculation.
1.	The Dark Fiber mileage rate applies per mile, per fiber pair.
B.	The Telephone Company will charge and the TC will pay for parallel provisioning of Unbundled Dark Fiber at the rates specified in Part M, Section 2.17, beginning on the date that the Telephone Company accepts each request for parallel provisioning of Collocation and Unbundled Dark Fiber.
C.	The Serving Wire Center rate applies, per fiber pair, for each end originating or terminating at a Telephone Company office.
D.	The Fixed Cost Per Customer Premises charge applies, per fiber pair, for each end originating or terminating at a non-Telephone Company office.
E.	The Fixed Cost Per Intermediate Central Office charge applies, per fiber pair, for each intermediate central office in which the fiber pair is routed.
F.	The Fixed Cost Per Remote Terminal charge applies, per fiber pair, for each end originating or terminating at a remote terminal.
G.	The Fixed Cost Per TC CO/POP charge applies, per fiber pair, for each end originating or terminating at a TC CO/POP.

(N)

17. Unbundled Dark Fiber
17.5 Application of Rates and Charges

17.5.3	Time and Materials	
A.	Time and Materials rates and charges apply as follows.	(N)
1.	To produce a fiber layout map.	
2.	To conduct a field survey.	
3.	To perform splicing work.	
4.	To conduct testing.	
5.	To clean connectors, per connector cleaned.	
6.	To retrofit connectors, per connector upgraded.	(N)

18. Unbundled Sub-loop Arrangement (USLA)
18.1 General

18.1.1	Description	(N)
A.	USLA provides a TC with access to the Telephone Company's metallic distribution pairs/facilities at the Telephone Company Feeder Distribution Interface (FDI). USLA provides a 2 wire or 4 wire transmission channel between a TC Outside Plant Interconnection Cabinet (TOPIC) and the rate demarcation point at the end user location.	
B.	USLA may be used by the TC to provide service to an end user's location. The service can entail either conversion of service to an end user's location using an existing working sub-loop element or the establishment of original service reusing an existing spare sub-loop element. Distribution pairs currently in place to serve Telephone Company retail service can be converted to USLA.	
C.	Power is not provided with USLA.	

18.1.2	Ordering Service	
A.	The TC may request an Engineering Query from the Telephone Company to obtain loop information as described in Part B, Section 5.4.2.B.3.	
B.	Prior to ordering USLA sub-loops, the TC must request TOPIC interconnection through its Telephone Company point of contact. Completed applications for the TOPIC interconnection must be sent directly to Collocation Applications Manager-Verizon, 125 High Street, Room 509, Boston, MA 02110 or Email to Collocation.applications@verizon.com.	
1.	The application must include the existing Telephone Company FDI locations where the TC desires USLA, detailed initial requirements and a forecast detailing anticipated growth in demand of the number of sub-loops to be requested at each location.	
2.	The application will also include any optional requests for FDI Serving Address Inquiry or Preliminary Engineering Records Review.	
a.	**FDI Serving Address Inquiry**— Identifies the range of customer addresses served by an FDI location.	
b.	**Preliminary Engineering Records Review**— Provides information about an FDI location from Telephone Company records as to the type of enclosure and the number of distribution pairs that terminate at the FDI.	
3.	Where either the FDI Serving Address Inquiry or Preliminary Engineering Records Review is specified on an application, the TC will be notified of the results of these inquiries before the Telephone Company processes the rest of the application. The TC will be given the option of canceling the application based on the results of these inquiries.	(N)

18. Unbundled Sub-loop Arrangement (USLA)
18.1 General

18.1.2	Ordering Service
C.	Upon receipt of a completed application, the application fee and any applicable inquiry and review fees, the Telephone Company will proceed with the site survey, design the required work order and prepare a cost estimate for completion of the required work. The Telephone Company will provide the TC with the work order and cost estimate for the Telephone Company effort necessary to support interconnection with the TOPIC within 45 business days after receipt of the application.
D.	If the TC elects to proceed with TOPIC interconnection, the TC will have 45 business days from receipt of the work order and cost estimate to pay 50% of the estimated cost to initiate the Telephone Company implementation effort. The remaining 50% will be billed by the Telephone Company upon completion of the work.
E.	Upon completion of the TOPIC interconnection, the TC may request USLA sub-loop elements.
1.	The TC will request the cross connection of Telephone Company sub-loop elements from the Telephone Company. The installation of sub-loops may occur as part of a conversion from Telephone Company retail service or may occur as part of the installation of new service to an end user.
2.	The TC will report the intended use of the sub-loop (i.e., voice, ADSL, 2-wire HDSL or 4-wire HDSL) and request any conditioning (i.e., removal of bridged tap or load coils) at the time of order.

(N)

18.1.3	Responsibility of the TC
A.	The TC is responsible for obtaining any rights of way necessary to implement the provisions of this tariff.
B.	The TC is responsible for any fines, penalties and expenses for zoning, environmental, safety, sanitation, property infringement, noise, quality of life or property violations or law suits associated with the TOPIC, its supporting structure and associated power and any additional tax assessment levied on the Telephone Company as a result of the supporting structure.
C.	The TC must provide and install the TOPIC within 100 feet of the FDI on an easement or right of way obtained by the TC. The TOPIC will comply with industry standards and house the interconnection point between the Telephone Company and TC networks.
1.	The TC must provide any trenching or other supporting structure for the portion of the cable that runs beyond the Telephone Company easement at the FDI.
2.	The TC, at its option, may share the TOPIC with other TCs.

(N)

19. Line Sharing
19.1 General

Rates and charges for service explained herein are contained in Part M, Section 2.19. (N)

19.1.1	Description
A.	A TC may request a line sharing arrangement for nondiscriminatory access to the high frequency portion of an existing copper loop for its own use. The Telephone Company provides and continues to provide analog circuit-switched voice grade services over the same copper loop.
1.	The high frequency portion of a loop is the frequency range above the voiceband on a copper facility that is being used to carry analog circuit-switched voiceband transmissions.
B.	The xDSL technology used by the TC for line sharing may include any version that conforms to the FCC's Code of Federal Regulations (CFR) Part 47, Section 51.230 and applicable ANSI standards.
C.	Access to line sharing is provided through various types of collocation arrangements.

19.1.2	Ordering Service
A.	**Pre-ordering**—A loop must first be pre-qualified, as described in Part B, Section 5.4.2, to determine whether the loop meets the technical characteristics of a link able to support an xDSL-based service that conforms to the FCC's CFR Part 47, Section 51.230.
B.	If conditioning is required to make a loop capable of supporting a line sharing arrangement, the Telephone Company will provide digital designed links as described in Part B, Section 5.4.1.
1.	The Telephone Company will condition any requested loop unless such conditioning will significantly degrade, as defined in the FCC's CFR Part 47, Section 51.233, the voiceband service being provided to the Telephone Company's end user customer over that same loop. In such cases, the Telephone Company will either locate another loop that can be conditioned, migrate the voiceband service to that loop and provide the TC with access to the high frequency portion of that loop; or demonstrate to the PUC that the original loop cannot be conditioned without significantly degrading the voiceband services on that loop and that there is no alternative loop available that can be conditioned or to which the customer's voiceband service can be moved, consistent with the FCC's CFR Part 47, Section 51.319(h)(5).
C.	In order for a loop to be eligible for line sharing, the following conditions must be satisfied for the duration of the line sharing arrangement.
1.	The loop must be an xDSL-compatible copper loop that is presumed to be acceptable for shared line deployment in accordance with FCC rules. These technologies include ADSL, Splitterless ADSL, RADSL and MVL. (N)

19. Line Sharing
19.1 General

19.1.2	Ordering Service
C.	(Continued)
2.	The Telephone Company must be providing simultaneous circuit-switched analog voice grade service to the customer served by the loop in question.
3.	The Telephone Company's end user's dial tone must originate from a Telephone Company end office switch in the wire center where the line sharing arrangement is being requested.
4.	The xDSL technology to be deployed by the TC on that loop must not significantly degrade, as defined in the FCC's CFR Part 47, Section 51.233, the performance of other services provided on that loop or interfere with the operation of other services in the same or adjacent binder groups.
a.	Binder groups are copper pairs bundled together, generally in groups of 25, 50 or 100.
D.	Splitter arrangements must be installed prior to submitting an order for line sharing (refer to Part E, Section 2.5 or 3.4).

(N)

19.1.3	Regulations
A.	The Telephone Company and the TC will follow agreed-upon standards and employ methods of operation that will not knowingly interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other.
1.	Where suitable facilities exist, the Telephone Company will perform a pair swap of a loop from fiber to copper on the TC's behalf, provided that such swaps do not impair the service of any third parties involved. The Telephone Company will not be held responsible for any interruption in, or impairment of, service to any party as a result of this activity.
B.	The TC will work cooperatively with the Telephone Company in connection with the Telephone Company's effort to provide highly reliable voice grade local exchange service to its end user. Such cooperation will extend to a variety of possible matters, including but not limited to the following examples.
1.	Handling trouble reports
2.	Maintaining voice access to 911/E911
3.	Alarm conditions
4.	Maintaining database accuracy
5.	Dispatch to coordinate access and testing
6.	7 x 24 availability for emergency situations
7.	Notification of service failures

(N)

19. Line Sharing
19.1 General

19.1.3	Regulations
C.	**Technical Specifications—** The xDSL technology used by the TC for line sharing arrangements must operate within the power spectral density limits set forth in T1.413.1998 (ADSL), T1.419–200 (Splitterless ADSL) or TR59–1999 (RADSL) and multiple virtual line (a proprietary technology) within the power spectral density limits of T1.601–1998 and within the transmit power spectral density limits of T1.601–1998.
D.	The Telephone Company and the TC will have joint responsibility to educate its end user regarding which service provider should be called for problems with their respective voice or advanced data service offerings.
E.	The Telephone Company and the TC will work together to address customer-initiated repair requests and to minimize adverse impacts to the customer.
F.	Wideband test access, which provides mechanized line testing, will be available at the TC's option for maintenance purposes after the service order has been completed. The TC will utilize the circuit number to initiate a test.

(N)

19.1.4	Responsibility of the TC
A.	The TC must provide an ANSI approved splitter at the wire center as described in Part E, Section 2.5 or 3.4.
B.	The TC must provide its own DSLAM equipment in a collocation arrangement and any necessary CPE for the xDSL service it intends to provide (including CPE splitters, filters, and/or other equipment necessary for the end user to receive separate voice and advanced data services across the shared loop).
C.	The TC must notify the Telephone Company's voice customer that a disruption of the customer's voice grade service may occur during the provisioning, trouble isolation or repair of the TC's advanced data service over a line sharing arrangement. The TC must obtain concurrence and acknowledgment from the customer.
D.	The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each shared loop. The TC must notify the Telephone Company of any proposed change in technology on a shared loop in order for the Telephone Company to update loop records and anticipate effects that the change may have on the voice grade service and other loops in the same or adjacent binder groups.
E.	The TC shall attempt to notify the Telephone Company's end user prior to initiating any activity such as wiring or testing on a shared loop that may disrupt or interfere with the customer's voice grade service.

(N)

19. Line Sharing
19.2 Application of Rates and Charges

19.2.1	NRCs
A.	The following NRCs apply as appropriate (refer to Part A, Section 3.3).
1.	**Service Order**
2.	**Service Connection-Central Office Wiring**—Applies to each link arranged for line sharing.
3.	**Service Connection-Other**
4.	**Manual Intervention Surcharges**
5.	**Installation Dispatch Out**
6.	**Customer Misdirect-In**— Applies when the Telephone Company removes a TC's advanced data service pursuant to Part B, Section 19.1.5.
7.	**Customer Misdirect-Out**
8.	**Customer Not Ready**
9.	**Dispatch Out-Out of Hours**
10.	**Manual Loop Qualification**
11.	**Engineering Query**
12.	**Conditioning Charges**
a.	Engineering Work Order
b.	Removal of Bridged Taps
c.	Removal of Load Coils

(N)

19.2.2	Additional Labor Charges
A.	Additional labor charges include but are not limited to the following examples.
1.	**Dispatch Out**
2.	**Pair Swap**
3.	**Joint Meet Testing**
4.	**Cooperative Testing**

(N)

19. Line Sharing
19.2 Application of Rates and Charges

19.2.3	Other	(N)
A.	**Wideband Test Access Monthly Rate—** Applies per line, when the TC elects this option.	
B.	Mechanized Loop Qualification monthly charge applies.	
C.	xDSL qualified and digital designed link rates and charges, as appropriate, will apply (refer to Part B, Section 5.4), subject to the percent rate change specified below.	
D.	Splitter arrangement rates and charges will apply (refer to Part E, Section 2.5 or 3.4).	(N)

20. Access to Poles, Ducts, Conduits and Rights of Way
20.1 General

20.1.1	Description	
A.	Access to poles, ducts, conduits and rights of way is provided through standard contractual agreements under the jurisdiction of the FCC. The terms, conditions and prices of such access are offered to all parties on a non-discriminatory basis.	(N)
1.	Annual pole attachment fees apply to licenses granted in accordance with the terms and conditions of the "Pole Attachment Agreement", available from the Pole License Administration Group, Verizon, 185 Franklin Street, Floor 5, Boston, MA 02110.	
2.	Annual conduit/duct rental fees apply to licenses granted in accordance with the terms and conditions of the "Conduit Occupancy Agreement", available from the Pole License Administration Group, Verizon, 185 Franklin Street, Floor 5, Boston, MA 02110.	
3.	Charges for access to private rights of way, either owned or controlled by the Telephone Company, are developed in accordance with the terms and conditions of the "Master Right of Way Licensing and Apportionment Agreement". Because of the unique nature of real property interests, all charges are developed on an individual case basis.	(N)

21. Exempt Wire Centers
21.1 General

21.1.1 Exempt Wire Centers

Wire Center	Tier 1	Tier 2	DS1 LOOP	DS3 LOOP	
CNCRNHSO	No	Yes	No	No	(N)
MNCHNHCO	Yes	No	No	No	
NASHNHWP	No	Yes	No	No	
PTMONHIS	No	Yes	No	No	

1. Switched Interconnection Services (N)

1.1 Description

1.1.1	General
A.	Switched interconnection service provides for access to the points in the Telephone Company's network where TCs can interchange traffic with the Telephone Company, specifically the line side of the end office switch (Meet Point C), trunk side of the end office switch (Meet Point A), Trunk side of the tandem switch (Meet Point B), Central Office Cross Connect Points (Collocation), and Out of Band Signaling (CCS/SS7 Arrangements).
B.	For purposes of this section, a carrier purchasing unbundled network elements is considered a facilities based carrier.
C.	**Limitations**
1.	Switched Interconnection Services may only be used for the termination of local calls to NXXs served on the Telephone Company's network, including calls redirected from the TC to the Telephone Company under Number Portability that otherwise meet the criteria described in Part B, Section 11. Facilities used to provide Switched Interconnection Services may be used to deliver toll, and/or interexchange traffic as provided in Section 1.7.3 following. Toll and Interexchange Switched Access Services that terminate on Switched Interconnection facilities will be rated under the appropriate State and/or Federal tariffs ("Feature Group Service"). Calls originating from TC end users who are assigned telephone numbers residing within that TC's NXX code and terminating to end users assigned telephone numbers residing within NXX codes that are not Telephone Company codes (e.g., other TCs, Wireless, Independent Telephone Companies' end offices) are not provided under this section, except as provided in Section 1.3.3 under Tandem Transit Service.
2.	Two-Way Meet Point RTET arrangements are not available with the following arrangements, services or options which are otherwise provided under this tariff:
a.	E911
b.	Directory Assistance and Operator Services
c.	Information Services
d.	Mass Announcement
e.	Meet Point C
f.	Unbundled Network Elements
D.	TC Switched Service provides termination of switched local traffic. Service termination rates described herein are applicable regardless of whether a TC has its own switching facilities or the TC is utilizing unbundled elements purchased from the Telephone Company. A separate Carrier Identification Code (CIC) is required to properly administer billing of this service arrangement. The CIC is either specified by the TC or assigned by the Telephone Company for its internal use in the billing process. (N)

1. Switched Interconnection Services (N)

1.1 Description

1.1.1	General
E.	Signaling for line side connections will utilize dial pulse/DTMF, loop or ground start. Signaling for trunk side connections should use CCS/SS7 protocol where available and Multi Frequency (MF) signaling where CCS/SS7 signaling is not available or appropriate.
1.	When CCS/SS7 signaling is used, service must conform to Technical Publications TR-TSV-000905 and TR-TSV-000962.
F.	This service provides the termination and transmission of local calls from the point of interconnection to the Telephone Company or other TC end users where the traffic terminates.
G.	TC Switched Service is provided as a terminating voice frequency transmission path composed of facilities determined by the TC. The voice frequency transmission path permits the transport of calls in the terminating direction from the TC's POT to the Telephone Company or other TC end users. All voice frequency transmission paths may be comprised of any form or configuration of plant capable of and typically used in the telecommunications industry for the transmission of voice and associated telephone signals within the frequency bandwidth of approximately 300 to 3000 Hz.
1.	The TC will determine whether the service is to be directly routed to a Meet Point A Arrangement, Meet Point B Arrangement, Meet Point C Arrangement or, when facilities permit, to Two-Way Meet Point A Reciprocal Traffic Exchange Trunk (RTET) or Two-Way Meet Point B RTET.
H.	Switched interconnection service will not be prorated to reflect shared use, or mixed use with any other services, except as provided for under the provisions for combined traffic.
I.	A TC interconnecting with the Telephone Company is required to deliver its originating traffic to each Telephone Company access tandem within the LATA.
1.	Signaling for these connections will use CCS/SS7 protocol (where available) and multi-frequency protocol where CCS/SS7 is not available. TC switched interconnection is available with Interface Groups 6 & 9.

1.1.2	Timing and Rating of Usage
A.	There are two types of rates and charges that apply to TC Switched Service provided under the Minutes of Use Schedule. These are usage rates and nonrecurring charges.
B.	When the TC uses combined trunk groups as described in Section 1.7.3, the rates and charges described below will only apply to the local traffic of the TC. The local traffic will be determined based on the data provided as described in Section 1.7 following
C.	Where credit adjustments apply, credit adjustments will be computed by apportioning the total intrastate usage associated with the honored claim into day, evening and night periods using the Time of Day distribution applicable to the CLEC. The usage is then multiplied by the appropriate day, evening and night rates. (N)

1. Switched Interconnection Services
1.1 Description

1.1.2	Timing and Rating of Usage	(N)
D.	Time of day usage rates apply on a per access minute, per call basis and are based on the period of the day when the usage occurs. Time of day usage rates are accumulated over a monthly period. Time of day usage rates are applied to TC switched services. The time (standard or daylight savings) when the connection is established legally governs whether day, evening or night rates apply.	
1.	Day rates apply Monday through Friday from 8AM to, but not including, 5PM.	
2.	Evening rates apply Sunday through Friday from 5PM to, but not including, 11PM.	
3.	Night rates apply Sunday through Thursday from 11PM to, but not including, 8AM and weekends (Friday through Sunday) from 11PM to, but not including, 5PM.	
a.	On Christmas Day (December 25), New Year's Day (January 1), Independence Day (July 4), Thanksgiving Day, Labor Day, and on resulting legal holidays when Christmas, New Year's or Independence Day legal holidays fall on dates other than December 25, January 1, or July 4, respectively, the holiday rate applicable is the evening rate unless a lower rate would normally apply.	
E.	Where usage begins in one rate period and ends in another, the rates in effect for the rate period in which such usage began will apply until the Telephone Company implements actual rate period billing (i.e., split rate period billing). When split rate period billing is available, usage which begins in one rate period and ends in another will be billed at rates applicable to each such rate period.	
F.	**Proportionate Percentage of Use**—In utilizing Two-Way Meet Point A or B reciprocal traffic exchange trunk arrangements to carry its traffic, the TC will be responsible for payment of a portion of the appropriate monthly rates associated with the two-way arrangement. The payment will be based on the TC's percentage of use of the trunk group. However, the TC will be responsible for 50% of the applicable monthly rates during the first quarter of the RTET arrangement.	
1.	In the second quarter and each quarter thereafter, the percentage of use will be calculated by the Telephone Company using actual traffic usage data collected over the preceding three months. The TC will determine the correct percentages for the TC in January, April, July and October of each year and notify the Telephone Company with the appropriate percentage of the monthly rate for which the TC is responsible and obtain the necessary agreement. The data will reflect actual usage accumulated over the preceding three months ending the last day of December, March, June and September. The data will serve as the basis for the next three months billing and will be effective on the bill date in the following month (i.e., February, May, August and November). If the TC does not have three months worth of usage at the time of the scheduled calculation, the proportionate percentage of use will remain at 50% until the next scheduled calculation.	(N)

1. Switched Interconnection Services
1.1 Description

1.1.3	Provisioning
A.	**Provisioning Two-Way Meet Point RTET Arrangements**—The Telephone Company and the TC will jointly use 64 clear channel capability where available. Additionally, the Telephone Company and the TC will work cooperatively in determining the following.
1.	The TC and the Telephone Company will jointly determine which trunk groups are to be converted and what quantity of trunks should be used;
2.	The TC and the Telephone Company will jointly determine new high usage end office trunk groups which the Telephone Company will request when the CCS load from a Telephone Company end office reaches the equivalent of one DS1;

(N)

1.1.4	Types of Termination
A.	The Telephone Company will provide end office (line side and trunk side) and access tandem interconnection for a TC to terminate its local traffic destined for the end users of the Telephone Company as described in Part C, Sections 1.2 and 1.3 following. The TC may choose the type of interconnection.

(N)

1. Switched Interconnection Services (N)
1.2 Meet Point A

1.2.1	**End Office Meet Point (Meet Point A) Arrangement**
A.	This arrangement provides a TC with a trunk side point of interconnection at 1.544 Mbps (DS1 rate) (24 voice grade equivalent channels) in an end office switch of the Telephone Company. The end office will correspond to the information published and updated in the Local Exchange Routing Guide (LERG) by Bellcore. Calls received via Meet Point A Arrangements by the Telephone Company at an end office switch can only be terminated to end users of the Telephone Company whose local exchange service is provided from the same end office switch.

1.2.2	**Two Way Meet Point A Reciprocal Traffic Exchange Trunk (RTET) Arrangement**
A.	This arrangement provides a TC with a trunk side connection at 1.544 Mbps (DS1 rate) or 44.736 Mbps (DS3 rate) with CCSA/SS7 protocol to a point of termination located at the same V&H coordinates as that of the end office of the Telephone Company. The end office will correspond to the information published and updated in the LERG. 64 Clear Channel Capability is an available option with this arrangement
1.	Two Way Meet Point A RTET arrangements provide for the following terminations: (1) TC termination of its traffic from its point of termination to a Telephone Company end office; and (2) The Telephone Company termination of traffic from its end office to a TC point of interconnection over the same trunk group. (N)

1. Switched Interconnection Services (N)
1.3 Meet Point B

1.3.1	Tandem Meet Point (Meet Point B) Arrangement
A.	This arrangement provides a TC with a trunk side point of interconnection at 1.544 Mbps (DS1 rate) (24 voice grade equivalent channels) on the Telephone Company's access tandem switch for access only to the Telephone Company's end offices subtending that tandem switch. The end offices subtending tandem switches are listed in the Local Exchange Routing Guide (LERG) published by Bellcore.
1.	In addition, a TC can utilize this arrangement for the exchange of traffic with other TCs or an ITC through the use of Tandem Transit Service as set forth in Section 1.3.3.

1.3.2	Two Way Meet Point B Reciprocal Traffic Exchange Trunk (RTET) Arrangement
A.	This arrangement provides a TC with a trunk side connection at 1.544 Mbps (DS1 rate) or 44.736 Mbps (DS3 rate with CCSA/SS7 protocol to a point of termination located at the same V&H coordinates as that of the end office of the Telephone Company's access tandem switch for access only to the Telephone Company's end offices subtending that tandem switch. The end offices subtending tandem switches are published in the LERG. 64 Clear Channel Capability is an available option with this arrangement.
1.	Two-Way Meet Point B RTET provides for the following terminations: (1) TC termination of its traffic from its point of termination to a Telephone Company access tandem; and (2) The Telephone Company termination of traffic from its access tandem to a TC's point of interconnection over the same trunk group.

1.3.3	Tandem Transit Service (TTS)
A.	TTS provides for the exchange of local traffic between two TCs where the two TCs purchase a meet point B arrangement under this tariff from the same Telephone Company access tandem switch, or between TCs utilizing Dedicated Transport and unbundled local switching through a Telephone Company access tandem switch. TTS also provides for the exchange of local traffic between a TC and an ITC, or other carrier where the TC purchases a meet point B arrangement and the ITC is also connected to the same Telephone Company access tandem switch.
B.	When such calls are terminated to another TC, ITC or other carrier, the Telephone Company will record and transmit call details to the terminating TC, ITC or other carrier and will provide tandem switching and transport on these calls.
C.	Payment of terminating access charges and associated record processing charges for TTS calls are the responsibility of the originating TC. The Telephone Company and the terminating TC, ITC or other carrier will each bill its appropriate charges to the originating TC. (N)

(N)

1. Switched Interconnection Services
1.4 Meet Point C

1.4.1	End Office Meet Point (Meet Point C) Arrangement
A.	This arrangement allows a TC to terminate traffic to a Telephone Company end office switch through a line side interconnection to that end office switch. The Meet Point C connection will support local traffic between the TC and the Telephone Company end office switch. Traffic over the Meet Point C connection must terminate within the interconnecting Telephone Company end office switch.
a.	Meet Point C lines will be provisioned with a channelized DS1 (1.544 Mbps) interface, providing the digital equivalent of blocks of 24 channelized lines. The standard arrangement will be provided with Dual Tone Multi Frequency ("DTMF") with ground start.

(N)

1. Switched Interconnection Services
1.5 Transport to the Interconnection POT (N)

1.5.1	Description
A.	Where the TC orders terminating service to the Telephone Company's end office or tandem switch, for meet point A, meet point B or meet point C interconnection respectively, it is the responsibility of the TC to provide the transport facility from the TC's network to the point of termination at the Telephone Company location.
1.	At the TC's option, the Telephone Company will provide this transport facility where facilities are available under Dedicated Transport as set forth in Part B, Section 2.
2.	The TC also has the option of using an alternative transport facility provider other than the Telephone Company for this purpose, as long as separate trunk groups and billing account identities are maintained.
B.	The Meet Point A, B or C Arrangement may be provided to a TC through a collocation arrangement or any other technically feasible arrangement. The TC may provide its own transport from its premises to the meet point. At the TC's option, the Telephone Company will provide the transport from the TC's premises to the Meet Point A, Meet Point B, Two-Way Meet Point A, Two-Way Meet Point B and/or Meet Point C Arrangements at rates, terms, and conditions for Direct Trunked Transport, as set forth in NH PUC No. 85.
C.	At the TC's option, a third party may be used by the TC to provide transport to the POT for Meet Point A, Meet Point B and/or Meet Point C Arrangements. When Meet Points A, B, or C are provided through a collocation arrangement, the TC may provide its own transport or select a third party to provide transport from its premises to the POT. Collocation cross-connect charges will apply. (N)

1. Switched Interconnection Services
1.6 Responsibility of the Telephone Company

1.6.1	Measuring TC Switched Interconnection Minutes
A.	TC traffic to meet point arrangements will be measured (i.e., recorded) by the Telephone Company at end office switches or tandem switches. Terminating calls will be measured by the Telephone Company to determine the basis for chargeable minutes. For terminating calls for TC switched interconnection service, the measured minutes are the chargeable minutes.
B.	TC switched minutes or fractions thereof, (the exact value of the fraction being a function of the switch technology where the measurement is made), are accumulated over the billing period for each end office, and are then rounded up to the nearest access minute for each end office.
C.	The measurement of terminating call usage over TC switched interconnection service ends when the terminating entry switch receives disconnect supervision from either the terminating end user's end office, indicating the terminating end user has disconnected, or the TC's network, whichever is recognized first by the entry switch.
D.	For terminating calls over TC switched interconnection service, the measurement of minutes begins when the Telephone Company's terminating entry switch receives answer supervision from the terminating end user's end office, indicating the terminating end user has answered.
E.	On 800/888 calls originating access minutes of use will be measured from the time the call is set up in the IN SS7 network until the originating party disconnects.

(N)

1.6.2	Network Management
A.	The Telephone Company shall, where facilities permit, provide termination of intraLATA calls from end users of TC-provided local exchange services to the subscribers of the Telephone Company or end users of other TCs, or termination where both the originating TC and the terminating TC interconnect to the Telephone Company at a Telephone Company tandem, or termination where the originating TC local exchange service end user is assigned a telephone number residing within a TC NXX code or a Telephone Company NXX code where the TC has purchased unbundled switching from the Telephone Company and the Telephone Company's or other TC's local exchange service subscriber is assigned a telephone number residing within a Telephone Company NXX code or that TC's NXX code, and where both exchange services bear NPA-NXX designations corresponding to the same LATA.
B.	TC services provided under this tariff include Telephone Company communications facilities between a Telephone Company's end user and the point of termination at the end office or the access tandem for Meet Point A, B or C Arrangements and will be installed by the Telephone Company or its authorized vendor to such point of termination. Any additional facilities beyond such point of termination are the sole responsibility of the TC.
C.	The Telephone Company shall, where facilities permit, also provide (1) optional services provided in support of TC's obligations as a local exchange carrier, e.g., Access Tandem Subtending Arrangements, Tandem Transit Arrangements, Access to Information Services and Common Channel Signaling Access (CCS/SS7) using Signaling System 7 (SS7) where available (SS7 protocol certification testing required); (2) payment for termination of local calls to NXXs served on the network of a TC on a reciprocal basis at the rates described in Part M, Section 3 for the termination of local calls originating on the network of a TC to NXXs served on the network of the Telephone Company.

(N)

1. Switched Interconnection Services
1.6 Responsibility of the Telephone Company

1.6.3	Two-Way Meet Point A and Two-Way Meet Point B Reciprocal Traffic Exchange Trunks	(N)
A.	The Telephone Company will maintain control over all two way trunks.	
B.	The Telephone Company will be responsible for installing and augmenting the trunk groups from the TC's POT to the Telephone Company's end office or access tandem switch.	
C.	The Telephone Company will be responsible for identifying the tandem overflow trunk group requirement.	
D.	The Telephone Company will be responsible for maintaining the trunk groups from the TC's POT to the Telephone Company switch in parity with the Telephone Company's maintenance procedures for other trunk groups.	
E.	The Telephone Company will be responsible for using a B.01 design blocking objective on all final trunk groups.	
F.	The Telephone Company will be responsible for initiating a request for the TC to order new groups and add trunks to existing groups based on standard engineering practices.	

1.6.4	Interface Groups	
A.	Interface groups are provided for terminating the local transport at the customer's premises. Only certain premises interfaces are available at the customer's premises. The premises interfaces associated with the interface groups may vary among feature groups. The various premises interfaces which are available with the interface groups are shown in Exhibits 1.6.4-1 and 1.6.4-2.	
1.	**Interface Group 6** may be provided with individual transmission path SF supervisory signaling where such signaling is available in Telephone Company central offices. Generally such signaling is available only where the entry switch provides an analog (i.e., non-digital) interface to the transport termination and a portion of the facility between the analog entry switch and the customer's premises is analog. Interface group 6 is provided with individual transmission path bit stream supervisory signaling.	
2.	**Interface Group 9** may be provided with individual transmission path bit stream supervisory signaling. Before the first point of switching, when analog switching utilizing analog termination is provided, the Telephone Company will provide multiplex channel bank equipment to derive up to 672 transmission paths of a frequency bandwidth of approximately 300 to 3000 Hz. When digital switching, or analog switching with digital carrier terminations is provided, the Telephone Company will provide DS1 signals in D3/D4 format at the first point of switching.	(N)

1. Switched Interconnection Services
1.6 Responsibility of the Telephone Company

1.6.4	Interface Groups	
B.	**CCSA Signaling Connection Premises of the CLEC's POT Interface Codes**— SS7 signaling and CCSA options are provided with CLEC switched services using interface groups 6 & 9. Interface group 6 provides a DS1 level of transmission for interface codes 04DS9-1S and 04DS9-15. Interface group 9 provides a DS3 level of transmission for interface codes 04DS6-44.	(N) (N)

1. Switched Interconnection Services
1.6 Responsibility of the Telephone Company

1.6.4 Interface Groups (N)

Exhibit 1.6.4-1
Premises Interface Codes–Interface Group 6 (USOC–TTP6X)

Interface group 6 provides DS1 level digital transmission at the point of interface of the CLEC. The interface is capable of transmitting electrical signals at a nominal 1.544 Mbps, with the capability to channelize up to 24 voice frequency transmission paths.

Telephone Company Switch Supervisory Signaling				Premises Interface Code
RV	EA	EB	EC	4DS9-15, 4DS9-15L
CCS				4DS9-1S, 4DS9-15, 4DS9-15B, 4DS9-15K, 4DS9-15S

(N)

1. Switched Interconnection Services
1.6 Responsibility of the Telephone Company

1.6.4 Interface Groups (N)

Exhibit 1.6.4-2
Premises Interface Codes–Interface Group 9 (USOC–TTP9X)

Interface group 9 provides DS3 level digital transmission at the point of interface of the CLEC. The interface is capable of transmitting electrical signals at a nominal 44.736 Mbps, with the capability to channelize up to 28 DS1 transmission paths or up to 672 voice frequency transmission paths.

Telephone Company Switch Supervisory Signaling				Premises Interface Code
RV	EA	EB	EC	4DS6-44, 4DS6-44L
LO	GO			4DS6-44, 4DS6-44L
CCS				4DS6-44 (N)

1. Switched Interconnection Services
1.7 Responsibility of the TC

1.7.1	General
A.	It is the obligation of the TC properly size and order trunk groups for the termination of its traffic by end office or access tandem, and by service where appropriate.
B.	**Municipal Calling Service**—The CLEC shall work cooperatively with the Telephone Company to facilitate any public service obligations to provide its end users with toll-free municipal calling service. Such cooperation shall include the sharing of certain account and toll-free municipal codes on a daily or other mutually agreeable basis and working with other industry participants to satisfactorily resolve municipal calling service related measurement and billing issues associated with implementation of intraLATA presubscription.
C.	**Reciprocal Obligations for TCs Receiving Traffic from the Telephone Company**
1.	The TC has an obligation to update, in a timely and accurate manner, industry publications such as the Local Exchange Routing Guide (LERG), NECA No. 4 Tariff, etc. These publications must be provided or updated prior to activation of a TC NXX code in the Telephone Company network, in accordance with Central Office Code Guidelines.
2.	The TC must make available to the Telephone Company at least one point of termination per NPA in every LATA where the TC has an NXX code that may receive terminating traffic from the Telephone Company.
3.	Consistent with the PUC's end user local call rating policies, an NXX code cannot extend beyond existing geographic NPA boundaries in a given LATA, except for the offering of foreign exchange services.
D.	**Revenue Accounting Office (RAO) Obligations**—The TC must obtain a valid RAO number with a Centralized Message Data Systems (CMDS) host for that RAO for each of its NXXs in order to permit the exchange of usage data associated with Alternate Billing Services (e.g., third party billed) or carrier access billing under Tandem Subtending Arrangements. The RAO and the data transfers must comply with standard industry Exchange Message Record (EMR) format. Upon request, the Telephone Company will provide RAO sharing under contract.

(N)

1.7.2	Two-Way Meet Point A and Two-Way Meet Point B Reciprocal Traffic Exchange Trunks
A.	The TC will issue all orders for establishment of new groups, and augmentation of existing groups.
B.	The TC will respond to a request to add new or augment existing trunk groups.
C.	The TC will accept standard intervals for trunks installation as provided in Part A, Section 3.
D.	The TC will ensure that trunk quantities will be based on instructions from the Telephone Company.
E.	The TC will be available for quarterly meetings or conference calls to review trunking configurations.
F.	After the conversion of the existing trunk groups to Two-Way Meet Point A or B reciprocal traffic exchange trunks, the TC will be responsible to disconnect the remainder of their nonconverted trunks in the original trunk groups. If the nonconverted trunks are not disconnected, the Telephone Company will discontinue those nonconverted trunks at a time 60 days after the original date of conversion

(N)

1. Switched Interconnection Services (N)
1.7 Responsibility of the TC

1.7.3	Combined Traffic
A.	The TC may combine toll, interLATA, and interexchange traffic originating from the TC's own network, on the same trunk groups (combined trunks) as used for terminating local traffic.
1.	Where the TC chooses to combine such traffic, the TC must provide the Telephone Company with percentages of use of the local traffic on the combined trunk groups as follows.
a.	The TC can provide Calling Party Number (CPN) through SS7 signaling on a per call basis where available and technically feasible without material impairment of service performance for all traffic terminated on combined trunk groups.
b.	If the per call usage is not available, the TC must provide, on request with sufficient advance notification from the Telephone Company, all terminating call detail records for each month requested, in standard industry format for all local traffic terminated on the combined trunk groups, and a summary of those records by traffic type broken down by end office which shows the development of local usage percentage.
B.	**Incorrect Usage Reporting**—Where local usage percentages provided by the TC are found, upon review, to be incorrect, the Telephone Company may rerate the traffic based on accurate information and the TC will be backbilled or credited those amounts for a period retroactive to the date that the incorrect local usage percentage was reported, but not to exceed 24 months.
1.	Such backbilled amounts are subject to a late payment penalty and payment shall be made in immediately available funds, within 31 days after the bill day or by the following bill date, whichever is a shorter period. Interest will not apply to credited amounts which result from incorrect local usage percentages reported by the TC.
C.	The TC must work cooperatively with the Telephone Company to review the call records and provide them in a format and via the medium of information exchange selected by the Telephone Company.
D.	The Telephone Company will rate and bill all terminating traffic on the combined trunk groups for which it has not received complete call detail records or CPN in a timely manner under its appropriate switched access state and/or federal tariffs.

1.7.4	Segregated Traffic
A.	The TC may segregate its local traffic from all other traffic through the use of separate trunk groups, CIC codes and billing accounts. If the TC chooses this option, there are no requirements regarding provision of call detail records unless otherwise stated herein.
B.	When the TC chooses this arrangement, the TC shall keep sufficient detail from which the Telephone Company can verify that only specific TC's local traffic is terminated on the TC's trunks which have been purchased under this tariff. (N)

1. Switched Interconnection Services
1.7 Responsibility of the TC

1.7.4	Segregated Traffic
B.	(Continued)
1.	The TC is responsible to keep detail for a period of at least one prior year and upon the request of the Telephone Company or its authorized agent, shall make such detail available for inspection. The TC shall supply the data within 30 calendar days of the Telephone Company's request.
a.	The Telephone Company will initiate such a request not more than once every six months, except that when the CLEC's terminating traffic increases by greater than 75% from the prior month. In the case of such traffic increases, the Telephone Company may request an immediate review.
2.	When as a result of its inspection, the Telephone Company determines that the TC has failed to demonstrate the accuracy and reasonableness of its traffic routing, the Telephone Company may backbill or credit the TC based upon these factors. Such backbilled amounts are subject to a late payment penalty and shall be made in immediately available funds, within 31 days after the bill day or by the following bill date, whichever is a shorter period. Interest will not apply to credited amounts.

(N)

1.7.5	Signaling
A.	The TC's facilities shall provide the necessary on-hook, off-hook, answer and disconnect supervision.
B.	Signaling for connections will use CCS/SS7 protocol where available or multifrequency (MF) signaling protocol where CCS/SS7 signaling is not available or where the use of CCS/SS7 is deemed inappropriate by the Telephone Company.

(N)

1. Switched Interconnection Services
1.8 800 Database Access

1.8.1	Description
A.	For the purposes of administering the rules and regulations set forth in this section regarding 800 Database Access, except where otherwise specified, the term 800 Database Access Service shall include any of the following NPAs: 800, 888, 877, 866, 855, 844, 833 and 822 as they become available to the industry.
B.	800 database access allows a TC's 800 end user to originate and receive calls. The service provides for the processing of a query to the Telephone Company's database to determine the 800 service provider and/or terminating telephone number for call routing purposes. The call is forwarded to the appropriate 800 service provider based on the dialed 800 number. The 800 service provider has the option of having the dialed 800 number (e.g., 800–XXX–XXXX) or, if the 800 to POTS number translation feature is specified, a translated ten digit number (i.e. NPA–NXX–XXXX) delivered to the TC's premises for call processing.
C.	800 to POTS Translation is an optional feature that allows the 800 service provider to designate a 10 digit POTS telephone number to be routed from a specific 800 number to be delivered to the TC premises for routing to an end user. The TC will be unable to determine that such call originated as an 800 dialed call unless the TC also orders the SS7 charge number feature.
D.	Call Handling and Destination Feature Charge allows the 800 service provider to create call processing logic for 800–NXX–XXXX dialed calls. This feature may be used in combination with one or more routing options.

(N)

1.8.2	Responsibility of the Telephone Company
A.	The Telephone Company will implement network management controls such as ACG which will instruct the query coordinator (i.e., 800 TC) to reduce the number of queries sent to an overloaded 800 database. The Telephone Company will return an automatic code gap component in response to 800 access TC's queries when the 800 has reached an overload condition. ACG is applied uniformly to all users of the database.
B.	The Telephone Company will provide the TC with an SSP record for each completed 800 call in the industry standard format for calls originating on the Telephone Company network directed for TC end users, at the appropriate rates and charges.

1.8.3	Responsibility of the TC
A.	When the 800 TC receives an Automatic Code Gapping (ACG) response, the TC is expected to enter the six digit code (i.e., NPA–NXX) on a control list and follow the code gapping procedures outlined in GR–954–CORE. Once the overload condition is over, the response from the 800 database will no longer contain the ACG component and the six digit code should be removed from the TC's control list.

(N)

1. Switched Interconnection Services
1.8 800 Database Access

1.8.4	Application of Rates and Charges	(N)
A.	**800 Database 800 Service Provider Identification Charge** provides for the identification of the appropriate 800 service provider for 800 database access. This charge applies on a per query basis.	
B.	**800 to POTS Translation Charge**— When the 800 service provider has requested the delivery of 800 to POTS number translation optional feature and there is no active call handling destination feature, TCs will be assessed this charge on a per query basis.	
C.	**Call Handling and Destination Feature Charge**— A monthly rate applies on a per query basis when options of the call handling and destination feature are used for call routing information. When a combination of one or more of the options of the call handling and destination feature is used on the same call, only one such query rate applies.	(N)

1. Switched Interconnection Services
1.9 Line Information Database (LIDB) Access Service

1.9.1	Description
A.	LIDB Access provides the TC the ability to query the Telephone Company's LIDB database. LIDB is provided via CCS/SS7 links from the TC's SPOI to the Telephone Company STP located with the LIDBs in LATA 132 in New York.
1.	LIDB Access can be obtained by the TC from a CCS/SS7 hub provider that has previously ordered CCS/SS7 and LIDB from the Telephone Company.
B.	LIDB Access provides the CLEC with billing validation data required to perform the following functions.
1.	Determination of billed lines as a public or PASL telephone line
2.	Determination of toll billing exception information for use with alternately billed calls (e.g., collect, third party)
3.	Provision of calling name delivery (CNAM) service
4.	Provision of service provider identification (SPID).
5.	Validation of Telephone Company or TC calling cards
C.	Proprietary information is that information which resides in the Telephone Company's LIDB and is protected from unauthorized access. Such information includes but is not limited to the following examples.
1.	Billed number personal identification numbers (PINx)
2.	Billed number screening indicators
3.	Information proprietary to the Telephone Company and related to billing for LIDB usage such as, Telephone Company end user records, LIDB usage statistics, and reports on LIDB usage
4.	Information proprietary to the TC such as, billed number, PIN number(s), interexchange carrier preference, originating station or equipment indicators and billed number screening
5.	Originating station or equipment indicators
6.	Primary interexchange carrier (PIC) information
7.	Reports on LIDB usage
8.	TC denial information
D.	The TC may not store data accessed from LIDB for purposes of future use.
E.	For LIDB Access Service, the TC shall specify, per access order, the LIDB Originating Point Codes and Location Identifier Code(s) that will access the Telephone Company LIDB. When the order is placed, the Telephone Company will provide NPA, NXX and Revenue Accounting Office Codes for the TC's use in populating global title translation tables.

(N)

1.9.2	Regulations
A.	**Liability**— In the event of a claim or suit, by the TC or by any others for damages associated with LIDB Access, including but not limited to, any claims or suits for damages associated with the accuracy of the billing validation data accessed by the TC from LIDB, the Telephone Company's liability shall be limited to the actual costs of access provided.

(N)

1. Switched Interconnection Services
1.9 Line Information Database (LIDB) Access Service

1.9.2	Regulations
B.	Unless expressly authorized in writing by the TC and the Telephone Company, LIDB Access is not to be used for purposes other than those functions described in Section 1.9.1.
C.	LIDB is subject to provision of records requirements.
D.	Additional cooperative acceptance testing will be performed jointly between the TC and the Telephone Company (refer to TR-NWT-000954).

(N)

1.9.3	Responsibility of the Telephone Company
A.	The Telephone Company will implement network management controls such as automatic code gapping which will instruct the query coordinator (i.e., LIDB TC) to reduce the number of queries sent to an overloaded LIDB. The Telephone Company will return an automatic code gap component in the response to LIDB access TC's queries when the LIDB has reached an overloaded condition. Automatic code gap is applied uniformly to all users of the database.
B.	The Telephone Company performance standard for LIDB is set at an annual objective of no greater than twelve hours of down-time per LIDB.
C.	The average response time for a LIDB query is .5 seconds per query and should not exceed one second for 99% of all queries.
D.	The Telephone Company will conduct routine updates (i.e., adds, deletes, changes) of the Telephone Company LIDB on a daily basis, during normal business hours.
E.	When the TC places a LIDB access order, the Telephone Company will provide NPA, NXX and Revenue Accounting Office codes for the TC's used in populating global title translation tables.

1.9.4	Responsibility of the TC
A.	The TC shall provide, on a semi-annual basis, a LIDB network management report (refer to TR–NWT–000954).
B.	When the LIDB TC receives an automatic code gap response, the TC is expected to enter the six digit code (i.e., NPA–NXX) on a control list and follow the proper code gapping procedures. Once the overload condition is over, the response from the LIDB will no longer contain the automatic code gap component and the six digit code should be removed from the TC's control list.
C.	The TC shall specify, per access order, the LIDB Originating Point Codes and Location Identifier Code(s) that will access the Telephone Company LIBD.

1.9.5	Application of Rates and Charges
	Rates cam be found in Part M, Section 3.1.
A.	The LIDB SCP query charge provides for database look-up and response of the calling card, toll billing exception and public or Public Access Smart-pay Line (PASL) payphone performance data. The charge is applied on a per query basis.

(N)

1. Switched Interconnection Services
1.10 LIDB Record Management

1.10.1	Description	
A.	LIDB record management is provided to TCs who designate the Telephone Company as their LIDB provider. LIDB record management provides the TC with the ability to store certain records of their end users in the Telephone Company LIDB. The query capability is provided to TCs that request Telephone Company LIDB access as set forth in Part C, Section 1.9 preceding.	(N)
1.	LIDB record management does not include the provisioning of facilities over which to access the Telephone Company. The TC is responsible for making separate arrangements to obtain access to query functions.	
B.	The storage of the TC's records in the Telephone Company LIDB will make the TC's records available for itself, and other TCs that order LIDB Access.	
C.	The following methods are available for accessing LIDB.	
1.	Direct correspondence with the Telephone Company service order point of entry	
2.	Direct Customer Access System (DCAS) or its successor system	
D.	TCs will send to the Telephone Company end user record data for inclusion in the LIDB. The TC is responsible for the accuracy of the end user records that it provides to the Telephone Company. The TC must provide a forecast of the number of records that will be forwarded to the Telephone Company annually for storage and the number of updates to be processed annually. All the TC's end users' line records must be included in the Telephone Company LIDB, whether screening is to be applied or not, for positive validation.	
E.	The Telephone Company, at the direction of the TC, will input and update the following types of records to be stored in LIDB.	
1.	Alternate billing/screening to support collect and third number calls	
2.	Caller ID with customer listed names	
3.	Calling card	
F.	The TC must specify which type of record is requested to be interfiled to LIDB. The TC will be allowed to update, (i.e., add, change, or delete) their records in LIDB.	

1.10.2	Regulations	
A.	The TC is responsible for providing the Telephone Company with timely updates concerning the records that are stored in the LIDB. TC updates and storage will be subject to rates and charges. The minimum period for LIDB record management service is one year. This period begins when the first TC end user record is stored in LIDB.	
B.	The accuracy of the data stored in LIDB is limited to the updates provided by the TC.	
C.	TCs will send to the Telephone Company for input to the LIDB, terminating screening records associated with screening collect and bill to third number calls. The data that will be required by the TC is as follows.	(N)

1. Switched Interconnection Services
1.10 LIDB Record Management

1.10.2	Regulations	(N)
C.	(Continued)	
1.	Customer Name	
2.	Customer Identification Number	
3.	Record Date	
4.	Record Type	
5.	Record Sequence	
6.	Action Type (Add, Delete, & Change)	
7.	End User Account Number (NPA/NXX/LINE)	
8.	End User Name	
9.	Class of Service	
10.	Blocking Identifier	
11.	**Blocking Option**— If no screening information is received from the customer, the Telephone Company will not provide blocking.	
a.	**Option A**— Block both collect and bill to 3rd number	
b.	**Option B**— Block bill to 3rd number and accept collect	
c.	**Option C**— Block collect and accept bill to 3rd number	
d.	**Option D**— Calling card denied	
D.	TCs will send to the Telephone Company for input to the LIDB, terminating screening records indicating Caller ID with the listed name of their end users. The required data is as follows.	
1.	Customer Name	
2.	Customer Identification Number	
3.	Record Date	
4.	Record Type	
5.	Record Sequence	
6.	Action Type (Add, Delete, & Change)	
7.	End User Account Number (NPA/NXX/LINE)	
8.	End User Name	
9.	Class of Service	(N)

1. Switched Interconnection Services
1.10 LIDB Record Management

1.10.2	Regulations
D.	(Continued)
10.	Caller ID with Listed Name Edit Name (limited to 15 characters and the Telephone Company edit rules)
a.	Caller ID with customer listed name records are limited to 15 characters. As a result the name information provided in response to a query may not contain the full specifics associated with the TC's end user's listing information. Additional rules apply for the 15 character limit and are available upon request.
11.	Privacy Identifier
12.	Privacy Code (Y for Restricted; N for not Restricted)
E.	TCs will send to the Telephone Company for input to the LIDB, records associated with their end user calling cards. The required data is as follows.
1.	Customer Name
2.	Customer Identification Number
3.	Record Date
4.	Record Type
5.	Record Sequence
6.	Action Type (Add, Delete, & Change)
7.	End User Account Number (NPA/NXX/LINE)
8.	Fictitious Account Number (RAO/0/1XX/XXXX)
9.	End User Name
10.	Class of Service
11.	Pin Type (Restricted or Unrestricted)
12.	Pin (Limited to 4 digits within a specified range)
F.	The availability to interfile calling card records will require that the same monitoring and fraud procedures that apply to the Telephone Company records will apply to the TC's customer's records that are stored in the LIDB. The Telephone Company will not be liable for charges associated with fraudulent use of the TC's end user's calling cards. The Telephone Company will not be responsible for contacting the TC's end user.

(N)

(N)

1. Switched Interconnection Services
1.10 LIDB Record Management

1.10.3	Application of Rates and Charges	(N)
	Rates can be found in Part M, Section 3.1	
A.	A LIDB record management charge provides for the storage of the TC's end user records in the Telephone Company LIDB. This fixed monthly rate will apply based on the number of the TC's records stored in the LIDB as of the end of the billing period, and will apply on a per record basis.	
B.	The LIDB database load charge provides for the processing of the TC's data in a magnetic tape format. This rate applies on an hourly basis according to the level of records processed.	(N)

1. Switched Interconnection Services
1.11 Common Channel Signaling Network Interconnection (CCS/SS7)

1.11.1	Description	
A.	CCS/SS7 provides for interconnection to the Telephone Company CCS network. The CCS/SS7 option is comprised of dedicated Telephone Company STP port, either TC-provided STP link or dedicated Telephone Company DS1 and DS1 to DS0 Multiplexer as unbundled Telephone Company IOF elements set forth in Part B, Sections 2 and 3.	(N)
1.	The STP signaling link and the STP port are dedicated to the TC.	
2.	The TC shall specify the switching point codes and trunk circuit identification codes for trunks with the SS7 option and the STP point codes, signaling link codes, link type, signaling feature capability and the traffic estimate for each CCS/SS7 network interconnection and service functionality (e.g., CLASS and AIN) ordered.	
B.	Each CCS/SS7 STP signaling link must provide for two-way digital transmission at a speed of 56 kbps. The connection to the Telephone Company STP can be made from either the TC's signaling point (SP) which requires two 56 kbps circuits (pair), or from the TC's STP which requires four 56 kbps circuits (quad). Both STPs in a pair must be accessed. The design requirements for CCS/SS7 STP links are described in technical reference TR-TSV-000905. Connection from a TC's SP, using two circuits, is referred to as an "A-Link". Connection from a TC's STP pair, using four circuits, is referred to as a "D-Link".	
C.	STP locations are specified in NECA Tariff FCC No. 4.	
D.	When multiple STP pairs are deployed in a LATA, Telephone Company end offices or tandems are interconnected to only one STP pair. Under normal conditions, the TC must route terminating traffic to the STP pair that serves the end office or tandem switch where the call is to be terminated. Where capacity limitations exist, the Telephone Company reserves the right to choose which STP pair will be used. As further deployment of CCS/SS7 occurs, the new locations will be added to the NECA Tariff FCC No. 4 and may be provisioned in the same manner.	
E.	The TC may request that all of its terminating traffic in a LATA be routed to a single STP pair, using the Telephone Company's SS7 signaling network to provide the connection to the other STP pair in the LATA. If available capacity exists within the Telephone Company SS7 signaling network and where technically feasible, the Telephone Company and the TC will mutually agree to the TC's use of a single STP pair in the LATA. In the event that the Telephone Company SS7 signaling network may be impaired as a result of changes in traffic requirements, and it is no longer technically feasible to continue to provide CCS/SS7 as configured, the TC will be notified that its use of a single STP pair in the LATA is no longer permitted and that it must deploy CCS/SS7 links to each STP pair in the LATA.	

1.11.2	Regulations	
A.	When the TC utilizes Telephone Company facilities, the TC must order a 1.5 Mbps IOF with DS1 to DS0 multiplexing element to achieve the 56 kbps transmission level.	(N)

1. Switched Interconnection Services
1.11 Common Channel Signaling Network Interconnection (CCS/SS7)

1.11.2	Regulations	
B.	**Cooperative Testing**— Interconnection to the Telephone Company CCS/SS7 network will require cooperative certification testing with the TC in compliance with GR–000905–CORE or a comparable Telephone Company test plan prior to service being activated. The Telephone Company reserves the right to determine what kind of certification testing is required.	(N)
C.	**Mileage Measurement**—The Common Channel Signaling Access STP Signaling Link is provisioned in accordance with the rates, terms, and conditions with respect to Direct Trunked Transport, also known as Dedicated Transport. The mileage to be used to determine the Dedicated Transport fixed and per mile monthly rates is calculated on the airline distance between the end office or access tandem where the call carried originated or terminated and the TC's premises or collocated interconnection location. It is billed on a fixed and per mile rate, per month. To determine the rate to be billed, first compute the mileage using the V & H coordinates method, as set forth in NECA Tariff FCC No. 4. If the calculation results in a fraction of a mile, always round up to the next whole mile before determining the mileage. Then multiply the mileage by the appropriate STP Signaling Link per mile rate. The amount to be billed shall be the product of this calculation plus the STP Signaling Link fixed rate.	
1.	Mileage measurement for the CCSA STP Signaling Link will be calculated on an airline basis, using the V & H coordinates method, between the TC's Signaling Point of Interconnection (SPOI) and the Telephone Company STP	(N)

1. Switched Interconnection Services
1.12 Optional Services and Features (N)

1.12.1	Tandem Subtending Arrangements (TSA)
A.	At the TC's option, the TC may subtend the Telephone Company access tandem(s). The Telephone Company will provide separate trunk terminations to the TC at Telephone Company access tandems for the origination and termination of carrier access calls between an interexchange carrier and a TC. These calls will be billed under appropriate sections of either the appropriate state or federal tariffs when more than one exchange telephone company is involved, depending on the jurisdiction of each call.
1.	The preferred billing method will be the single bill multiple tariff option, using the New York Intrastate Access Settlement Pool, Inc., or its successor, as the billing vendor. If this is not mutually agreed upon, other billing options may be utilized. Call detail records recorded by both parties will be send to the vendor for processing. The vendor will also collect and disburse the revenue in accordance with each company's access tariffs. Vendor expenses will be charged in proportion to revenues.
B.	**Responsibility of the Telephone Company**
1.	The Telephone Company will provide recording service in association with TSA when it provides SSP functions to the TC or makes terminating access records. Recording service includes recording of call details, assembly, editing, formatting, and sorting of detailed call records and transmission of these call records to the billing vendor in the standard industry format via first class U.S. Mail service, by magnetic tape or other suitable transmission medium mutually agreed to by the TC, the Telephone Company and the billing vendor.
2.	The Telephone Company, the TC and the billing vendor will work cooperatively in investigating claims or reconciling recorded information in routine record tracking. In the absence of gross negligence or willful misconduct, no liability for damages to the purchasing TC shall attach to the Telephone Company for its action or conduct of its employees in providing recording service.
3.	The Telephone Company will determine the appropriate serving access tandem for the origination and termination of carrier access calls based on the NPA-NXX of the TC's end user.
C.	**Responsibility of the TC**
1.	The TC must provide the Telephone Company with the V&H coordinate location of each NPA-NXX for which the TC requests TSA.
2.	The TC must establish separate trunk groups for traffic handled under Tandem Subtending Arrangements. Separate trunk groups under TSA may be arranged on the same DS1 facility only when the total capacity required by the TC for its total traffic at that access tandem does not exceed the DS1 level. It is the TC's responsibility to order trunks for this arrangement. The Telephone Company will work with the TC to help determine, install and test the trunks for this purpose.
3.	The TC must provide a summary of call detail records in standard EMR industry format to the billing vendor for calls exchanged or completed under these arrangements which are recorded at their switches.
4.	The TC must update industry documents (e.g., LERG) to reflect such an arrangement after the Telephone Company's concurrence. (N)

1. Switched Interconnection Services
1.12 Optional Services and Features

1.12.2	64 Kbps Clear Channel Capability (64CCC)
A.	64CCC provides a bipolar with eight zero substitution (B8ZS) encoding technique that allows a customer to transport voice or data signals over a 64 kbps channel with no constraint on the quantity or sequence of ones (mark) and zero (space) bits. The derived 64 kbps clear channels support superframe or extended superframe formatting. This feature is required for originating or terminating 64 kbps calls to an integrated services digital network. This is a nonchargeable optional feature, and is available in suitably equipped electronic end offices.

(N)

1.12.3	Supervisory Signaling
A.	Where the transmission parameters permit, and where signaling conversion is required by the TC to meet its signaling capability, the TC may order an optional supervisory signaling arrangement for each transmission path provided for digital interface group interconnection arrangements.

1.12.4	Multiplexing Arrangements
A.	Multiplexing converts 44.763 Mbps (DS3) transmission channels into twenty-eight 1.544 Mbps (DS1) channels. This is a chargeable optional feature at each location where the multiplexing function is performed.

1.12.5	SS7 Signaling Option
A.	SS7 signaling allows a TC to receive signals for call set-up out of band.
B.	Rates and charges apply only when a TCs signaling point or signal transfer point is connected with the Telephone Company signal transfer point (host STP) for call set up with other signaling points or signaling transfer points connected with that host signaling transfer point.

1.12.6	Charge Number (CN)
A.	CN provides for the automatic transmission of the 10-digit billing number of the calling station number and originating line information. CN is provided for digital interface when ordered with the SS7 signaling option, and is available when passed through by the originating carrier and any intermediate carriers. The information digits shall only be used for billing and collection, routing, screening, and completion of the originating subscriber's call or transaction or for the services directly related to the originating subscriber's call or transaction.
1.	The information provided shall not be reused or resold without first notifying the originating telephone subscriber and obtaining affirmative consent of the subscriber of reuse or resale.

(N)

1. Switched Interconnection Services
1.12 Optional Services and Features

1.12.6	Charge Number (CN)
B.	Information provided shall not be used for purposes other than the following, unless the originating subscriber has given consent for the reuse of resale.
1.	Performing the services or transactions that are the subject of the originating subscriber's call
2.	Ensuring network performance security, and the effectiveness of call delivery
3.	Compiling, using and disclosing aggregate information
4.	Complying with applicable laws.
C.	Restrictions contained in Section 1.12.6B shall not prevent the subscriber to the CN feature from using information acquired from a CN feature, such as the telephone number and billing information (or information derived from analysis of the characteristics of calls received through the CN feature), to offer a product or service that is directly related to the products or services previously purchased by a customer of the CN feature subscriber.

(N)

1.12.7	Calling Party Number (CPN)
A.	CPN provides for the automatic transmission of the calling party's ten digit telephone number to the TC's premises for calls originating in the LATA or from the TC's premises for calls terminating in the LATA. When the Telephone Company receives the number from the originating switch, it will be passed through to the subsequent carrier. The ten digit telephone number consists of the NPA plus the seven digit telephone number as the calling station's charge number.
B.	CPN is provided with a digital interface when ordered with the SS7 signaling option.
C.	The CPN parameter may not be modified by the TC. When CPN is included within an SS7 initial address message, the interconnecting network may not alter the information received within this parameter. This includes the setting of the CPN address presentation restriction indicator. When CPN is to be transmitted to another switch in the call path, this information element must be transmitted as received.
D.	For billing purposes, each TC shall pass CPN information on at least 95% of calls carried over the interconnection trunks.
1.	If the TC does not pass CPN on up to 5% of calls, the Telephone Company shall bill the TC the local traffic termination rates, intrastate exchange access rates, intrastate/interstate tandem transit traffic rates, or interstate exchange access rates applicable to each minute of traffic (as applicable and in accordance with the in effect rates and charges contained in the appropriate tariff), in direct proportion to the minutes of use of calls passed with CPN information.

(N)

1. Switched Interconnection Services
1.12 Optional Services and Features

1.12.7	Calling Party Number (CPN)	(N)
D.	(Continued)	
2.	If the TC does not pass CPN on more than 5% of calls and the TC chooses to combine local and toll traffic on the same trunk group, the Telephone Company shall bill interstate exchange access rates for all traffic passed without CPN unless the parties agree that such other rates should apply to such traffic.	
3.	If the Telephone Company lacks the ability to use CPN information to classify on an automated basis traffic delivered by the TC as either local traffic or toll traffic, the TC will supply PIU and PLU factors in accordance with appropriate timeframes. These factors may be updated on a quarterly basis.	
4.	At such time as the Telephone Company has the ability to use such CPN information to classify on an automated basis traffic delivered by the TC as either local traffic or toll traffic, the Telephone Company shall bill the TC the local traffic termination rates, intrastate exchange access rates, or interstate exchange rates (as applicable and in accordance with the in effect rates and charges contained in the appropriate tariff), for each minute of traffic for which CPN is passed.	
5.	The TC will supply an auditable Percent Local Use (PLU) factor on a quarterly basis, based upon the previous three months' traffic, and applicable to the following three months. If the TC also chooses to combine interstate and intrastate toll traffic on the same trunk group, the TC will supply an auditable PIU factor quarterly, based on the previous three months' terminating traffic, and applicable to the following three months. In lieu of the foregoing factors based on the previous three months' traffic, the parties may agree to provide and accept reasonable surrogate PLU and PIU factors for an agreed-upon interim period.	
a.	The projected intrastate PLU must be provided in a whole number. For purposes of developing the projected PLU, the parties shall consider every call in which the calling and called party are physically located within the same local exchange area, as specified in NH PUC No. 83, to be local exchange, and every call in which the calling and called party are physically located within the same LATA, but separate local exchange areas, to be intraLATA exchange access.	
b.	The PIU factor is applied to the total minutes of use to obtain the split of interstate and intrastate access minutes of use, as appropriate. The PLU factor is then applied to the intrastate access minutes of use to obtain the split of local and non-local (intrastate access) minutes of use. Effective on the first of January, April, July and October of each year, the TC must update the PLU. The TC shall forward to the Telephone Company, so as to be received no later than twenty calendar days after the first of each such month, a revised PLU showing the local percentage of use for the past three months ending with the last day of December, March, June and September respectively. No prorating or backbilling will be done based on the PLU.	
c.	Failure to report a PLU factor at the time of ordering service will result in access charges being applied to all minutes of use until such factor is supplied.	(N)

1. Switched Interconnection Services
1.12 Optional Services and Features

1.12.8	Transactional Capabilities Application (TCAP)	(N)
A.	SS7 TCAP messages support non-circuit related information transfer between signaling nodes. TCAP provides a generic framework protocol for remote operations.	
B.	The standard format of TCAP messages is defined in ANSI T1.114-1992 Telecommunications-Signaling System Number 7 (SS7)- Transaction Capability Application Part (TCAP). There are two categories of TCAP messages: (1) TCAP messages exchanged between local exchange network switches, end offices and tandems, in support of CLASS (Custom Local Area Switching Services) and (2) TCAP messages exchanged between local exchange network switches, end offices and tandems, and call related databases in support of industry wide services, such as 800/888 and LIDB, and AIN services.	(N)

1. Switched Interconnection Services
1.13 Application of Rates and Charges

1.13.1	Meet Point A and Two Way Meet Point A Reciprocal Traffic Exchange Trunks
A.	**MOU**— Local switching and port termination elements apply.
B.	**Billing Platform Configuration**— For two-way meet point A arrangements, a monthly charge applies per DS1 or DS3, to recover the cost of installing and maintaining the platform necessary for the delivery of two-way trunks with usage measurement.

(N)

1.13.2	Meet Point B and Two Way Meet Point B Reciprocal Traffic Exchange Trunks
A.	**MOU**— The local switching, port terminations, tandem switching and common transport elements apply.
B.	**Billing Platform Configuration**— For two-way meet point B arrangements, a monthly charge applies per DS1 or DS3, to recover the cost of installing and maintaining the platform necessary for the delivery of two-way trunks with usage measurement.
C.	**Tandem Transit Service**— For TTS, rates are assessed per minute.
1.	Where the Telephone Company records and transmits call details, a record processing charge is applied per record processed.

1.13.3	Meet Point C
A.	**MOU**— Local switching element applies.
B.	**Flat Rate**— A DS1 port termination rate applies to the termination at the CLEC's POT in the Telephone Company end office.

(N)

1. Switched Interconnection Services
1.13 Application of Rates and Charges

1.13.4	NRCs
A.	The following NRCs apply (refer to Part A, Section 3.3) to meet point A, B and C ports and to two-way meet point A and B RTET arrangements.
1.	**Service Order** applies whenever service order activity or billing changes occur.
2.	**Manual Intervention Surcharge** (on a standard basis or an expedited basis, as appropriate). This surcharge is not applicable on two-way meet point A and B arrangements.
3.	**Service Connection-Central Office Wiring** (on a standard basis or an expedited basis, as appropriate). For two-way meet point A and B arrangements, 50% of the charge applies.
4.	**Service Connection-Other** (on a standard basis or an expedited basis, as appropriate). For two-way meet point A and B arrangements, 50% of the charge applies.
5.	**Installation Charge**—Applies to each TC Switched Service installed. For TC Switched Service ordered on a per DS1 trunk basis, it is applied per DS1 trunk.
6.	Customer Not Ready
7.	Customer Misdirect-In
8.	Customer Misdirect-Out
9.	Dispatch-Out of Hours

(N)

1.13.5	Service Rearrangements
A.	All changes to existing services other than changes involving administrative activities only will be treated as a discontinuance of the existing service and an installation of a new service. The nonrecurring charge described in Part M will apply for this work activity.
B.	A move involves a change in the physical location of (1) the TC's POT or (2) the POT at the TC's premises where the TC purchases dedicated transport from the Telephone Company.
1.	The charges for the move are dependent on whether the move is to a new location within the same building or to a different building. When the move is to a new location within the same building, the charge for the move will be an amount equal to one half of the NRC for the capacity affected. Moves to a different building will be treated as a discontinuance and start of service and all associated NRCs will apply.
2.	Moves or changes of point of termination at the TC's request, subsequent to the initial installation of the TC services, will be treated as new installations and disconnection and connection charges will apply.
C.	If the change involves the conversion of existing TC Switched Services with multi-frequency address signaling to TC Switched Service with the SS7 signaling option, an NRC will apply.
D.	If the change involves modification of SS7 signaling, a change of point code on TC Switched Service trunks with the SS7 signaling option, an NRC will apply.

(N)

1. Switched Interconnection Services
1.13 Application of Rates and Charges

1.13.5	Service Rearrangements	(N)
E.	**Administrative Changes**	
1.	A service order charge will apply to the following types of administrative changes.	
a.	Change of TC name	
b.	Change of TC location address when the change of address is not a result of physical relocation of equipment (name, address, or contact name or telephone number)	
c.	Change in billing date	
d.	Change of agency authorization	
e.	Change of TC circuit identification	
f.	Change of billing account number	
g.	Change of factors provided	
F.	If the change involves a rearrangement of a TC meet point A arrangement to a meet point B arrangement, no charge will apply for the TC-requested rearrangement as long as the following conditions are met.	
1.	The meet point B arrangement was not available to the TC at the time of TC interconnection.	
2.	The TC was providing service in the relevant area prior to the availability of meet point B.	
3.	The TC requested the rearrangement of its trunks from meet point A to meet point B within six months of the first availability of meet point B in that area.	
4.	The TC orders, as meet point B, the equivalent capacity to replace the meet point A arrangement trunks.	
G.	If the TC converts the two-way meet point A or B reciprocal traffic exchange trunk arrangement to the equivalent meet point A or B arrangement, this conversion activity is considered a service arrangement and 50% of the applicable NRC applies. The billing platform configuration charge will also apply.	
H.	If the TC converts the meet point A or B arrangement to an equivalent two-way meet point A or B reciprocal traffic exchange trunk arrangement, this conversion activity is considered a service arrangement and 50% of the applicable NRC will apply. The billing platform configuration charge will also apply.	(N)

1. Switched Interconnection Services
1.13 Application of Rates and Charges

1.13.6	CCS/SS7 Application of Rates and Charges	(N)
A.	**Monthly Rates**	
1.	The STP port provides for the point of interconnection to the signal switching capability of the STP. The STP port charge is a fixed monthly rate which is applicable per STP.	
2.	The STP link per mile rate applies on a fixed and per mile, per month basis. In the case where the CCSA transport is not provided by the Telephone Company, the STP link rate does not apply, however the STP monthly port rate will apply. The STP link is provisioned in accordance with the rates, terms and conditions with respect to direct trunked transport, also known as dedicated transport.	
3.	In cases where the STP Link(s) are provided by a collocated TC, service access charge (SAC) elements contained in Part E (collocation) also apply.	
4.	Until such time as signaling usage can be measured on a per message basis, a usage component is included in the monthly recurring STP Port rate, based on an estimate of the average number of call attempts that would be handled at the dedicated STP port in the time frame of one month. Where a TC is instead using the Telephone Company's unbundled switching facilities and sharing the use of an STP port in the Telephone Company's signaling network, a flat rate monthly supplement will be applied to the TC's unbundled line port rate, based on an estimate of the average number of call attempts that would be handled at the unbundled line port in the time frame of one month. The flat rate charges will be removed when the signaling charge can be measured and assigned to the TC facility on a per message basis.	
B.	**Usage**— The signaling usage rate applies for each call transaction delivered to the Telephone Company SS7 network through the TC STP port. Individual signaling messages will be aggregated for each call transaction, and rated according to the total number of bytes ('octets') contained in each. The usage rate applies per message.	
C.	**NRCs**— The following NRCs apply (refer to Part A, Section 3.3).	
1.	Service order	
D.	**Other NRCs**	
1.	An STP order processing charge applies for each request for new interconnection to the Telephone Company SS7 signaling network or modification to existing SS7 network interconnection.	
2.	An installation charge applies for the connection of the 56 kbps circuit at the STP port.	(N)

1. Switched Interconnection Services
1.13 Application of Rates and Charges

1.13.6	CCS/SS7 Application of Rates and Charges	(N)
D.	(Continued)	
4.	A translation charge applies for the work to establish interconnection to the requested CCS/SS7 network features and will be calculated according to the following items.	
a.	The number of originating point codes interconnecting from the customer's network.	
b.	The number of the Telephone Company STP ports accessed.	
c.	The specific translation work required to establish each SS7 signaling feature.	
5.	Additional charges apply for database dips and applications.	
6.	Additional NRCs apply for translation work to integrate interconnecting TC switches into the Telephone Company switching network where TCAP routing and response are required, based upon the number of TC NPA-NXX codes being added to the Telephone Company switch translations.	
7.	End office translation charges apply for the extra cost of translations in the Telephone Company end offices when TCAP features are established for a TC switch. The charge applies per end office modified.	
8.	**Certification Testing and Set Up**— The basic test set-up charge applies and is calculated according to the SS7 signaling features being tested. This charge includes establishing test file updates and the development and distribution of a test script. This charge is made for subsequent testing activity to certify the new or reconfigured signaling feature capability. These charges are based on standard times required to do such testing, according to the number of interconnecting switch types and software generics, and the specific signaling features.	
9.	**Rehome D-Link Conversion** charge applies when a customer's D-link termination to the Telephone Company network is moved to a different location.	
10.	**A-Link to D-Link Conversion** charge applies when a customer migrates its interconnection configuration from an A-link interface to a D-link interface.	
11.	**Change in Hub Provider** charge applies when the TC changes the SS7 network that supports its SS7 signaling transport.	
12.	**Additional Charge per Ten Originating TC NPA-NXXs Input** charge applies for the support of TC NPA NXX codes in the Telephone Company network to process calls using TCAP signaling/CLASS features.	
E.	**LIDB** access service per query charges may apply (refer to Part C, Section 1.7).	

1.13.7	Optional Features and Functions	
A.	**Multiplexing**— A monthly rate applies at each location where the multiplexing function is performed (refer to Part B, Section 3).	(N)

2. Optional Services
2.1 General

2.1.1	Responsibility of the TC	(N)
A.	The TC has the responsibility for properly sizing and ordering specified ports, via electronic means where available, and specific trunks between specific locations. Orders must be placed in writing to the Telephone Company. The Telephone Company may, at the TC's request, develop and implement customized services and network requirements for other optional services, such as operator, billing and database services for TCs.	(N)

2. Optional Services
2.2 E911 Services

Rates and charges for services explained herein are contained in Part M, Section 3.1. (N)

2.2.1	General
A.	E911 allows the TC to interconnect to the Telephone Company's E911 hub/tandems and access the appropriate subtending Public Safety Answering Points (PSAPs). The TC shall comply with all applicable requirements of the New Hampshire Bureau of Emergency Communications (NHBEC). TC's interconnection for E911 access may be the following.
1.	A physical collocation arrangement in the Telephone Company E911 tandem office, or
2.	A virtual collocation in the Telephone Company E911 tandem office, or
3.	At the request of the TC, transport from various points listed below to the E911 ports.
a.	From the TC switch to the Telephone Company E-911 tandem
b.	From the TC operator when located in the same LATA to the Telephone Company E-911 tandem
c.	From the TC operator when located in the same LATA to the Telephone Company operator for E-911 back-up.
B.	E911 is subject to the software table limitation in the E911 tandem's selective routing data base (SRDB) which provides for each telephone number or emergency service number (ESN) in a sequential order.

2.2.2	Responsibility of the TC
A.	The TC is responsible for providing accurate information on customer name, address and telephone number, in the format required by the Telephone Company, on a daily basis to the E911 database and shall update such information daily.
1.	A TC provisioning line port in an unbundled local switching arrangement is responsible for providing accurate line port information to allow the Telephone Company to accurately populate the 911/E911 database.
B.	The TC must update databases via an electronic interface for its own NXX codes by inputting through Telephone Company systems into the ALI database and paying appropriate OSS charges as applicable.
C.	The Telephone Company is not responsible for errors or omissions in the data provided by the TC.
D.	A correct E911 service address must be provided by the TC for each customer utilizing Telephone Company E911 services.

(N)

2. Optional Services
2.2 E911 Services

2.2.3	Liability	(N)
A.	The Telephone Company's liability in furnishing E911 service is further set forth in Part A, Section 1 of this tariff. The Telephone Company assumes no liability for any infringement, or invasion of any right of privacy of any person or persons caused, or claimed to be caused, directly or indirectly by the use of E911.	
B.	The TC agrees, except where the events, incidents, or eventualities set forth in this sentence are the result of the Telephone Company's gross negligence or willful misconduct, to release, indemnify, defend and hold harmless the Telephone Company from any and all loss or claims whatsoever, whether suffered, made, instituted, or asserted by the TC or by any TC customer, for any personal injury to or death of any person or persons, or for any loss, damage, or destruction of any property, whether owned by the TC or others. The TC also agrees to release, indemnify, defend and hold harmless the Telephone Company from any infringement or invasion of the right of privacy of any person or persons, caused or claimed to have been caused, directly or indirectly, by the installation, operation, failure to operate, maintenance, removal, presence, condition, occasion, or use of access to E911 service features and the equipment associated therewith, or by any services furnished by the Telephone Company in connection therewith, including, but not limited to, the identification of the telephone number, address, or name associated with the telephone number used by the party or parties accessing E911 services hereunder, and which arise out of the negligence or other wrongful act of the TC, its customers, or the employees or agents of any one of them, or which arise out of the negligence, other than gross negligence or willful misconduct, of the Telephone Company, its employees or agents.	

2.2.4	Application of Rates and Charges	
A.	A per trunk charge applies on a monthly basis. This charge is based on 1/24 of the monthly dedicated tandem trunk port charge.	
B.	An inter-office mileage charge applies on a monthly basis.	(N)

2. Optional Services
2.3 Directory Listing Service

2.3.1	Description
A.	The Telephone Company will provide the TC with one listing per end user in white pages directories, subject to the same regulations as the listings of the Telephone Company's end user as set forth in NH PUC No. 83.
B.	The Telephone Company will provide the TC with one yellow pages directory listing per business end user, subject to the same regulations as the listings of the Telephone Company's end users set forth in NH PUC No. 83.

(N)

2.3.2	Responsibility of the Telephone Company
A.	The Telephone Company will provide the TC's end user with one directory per line. The Telephone Company will provide a reasonable number of additional free directories to the TC's end user under the same terms and conditions as the Telephone Company makes additional directories available to its retail customers. The Telephone Company will ship the directories in a manner consistent with that used to ship directories to its own end users.
B.	At the option of the TC, the Telephone Company will include TC end users in the Telephone Company Directory Assistance database. The TC must provide the Telephone Company with its listings and updates of its listings for inclusion in the Telephone Company Directory Assistance database in the format and within the time frames required by the Telephone Company.
C.	**Directory Errors—** In the absence of gross negligence or willful misconduct and except for the allowances stated hereinafter in Part B, Section 2.3.2(D)(1) through (D)3, no liability for damages arising from errors or mistakes in or omissions of directory listings, or error or mistakes in or omissions of listing obtainable from the directory assistance operator, including errors in the reporting thereof, shall attach to the Telephone Company.

(N)

2. Optional Services
2.3 Directory Listing Service

2.3.2	Responsibility of the Telephone Company	(N)
D.	An allowance for errors or mistakes in or omissions proven to be attributable to the Telephone Company, of published directory listing or for errors or mistake in or omissions of listing obtainable from the directory assistance operator shall be given as follows.	
1.	**Free listings**—For free or no-charge published directory listings, credits shall be given at a rate of the monthly tariff rate for an additional or charge listing, for the life of the directory during which the error, mistake, or omission occurs.	
2.	**Charge listings**—For additional or charge published directory listings, credit shall be given at the monthly tariff rate for each such listing for the life of the directory or the charge period during which the error, mistake or omission occurs.	
3.	**Operator records**—For free or charge listings obtainable from records used by the directory assistance operator, upon notification to the Company of the error, mistake or omission in such records by the subscriber, the Company shall be allowed a period of three business days to make a correction. If the correction is not made in that time, credit shall be given at the rate of two-thirtieths (2/30) of the basic monthly rate for the line or lines in question for each day thereafter that the records remain incorrect. (Where Centrex attendant loops are involved, credit shall be given at the rate of 2/30 of the basic monthly rate for PBX trunks.)	
4.	**Credit limitations**—The total amount of the credit provided for in the preceding paragraphs (1) through (3) shall not exceed, on a monthly basis, the total of the charges for each charge listing plus the basic monthly rate, as specified in paragraph (3) for the line or lines in question.	
E.	**Definitions**—As used in paragraph (1) through (4) preceding, the terms "errors", "mistake", or "omission" shall refer to discrepancy in the directory listing or directory assistance records which the Company has failed to correct and where the error affects the ability to locate a particular subscriber's correct telephone number. These terms shall refer to addresses only to the extent that error, mistake or omission relates to a street or in an incorrect community.	
F.	**Notice**—Such allowances or credits as specified in paragraphs (1) through (3) preceding, shall be given upon notice to the Company by the subscriber that such error, mistake or omission has occurred; provided, however, that when the Company shall independently have knowledge of such error, mistake or omission, the Company shall give credit without the requirements of notifications by the subscribers.	

2.3.3	Responsibility of the TC	
A.	The TC must agree to abide by the privacy rules and principles adopted by the applicable regulatory bodies.	
B.	The TC must provide the Telephone Company with its listings for inclusion in the Telephone Company's white pages directories and yellow pages directories in a format and within time frames required by the Telephone Company or its agent.	(N)

2. Optional Services
2.3 Directory Listing Service

2.3.4	Application of Rates and Charges	(N)
A.	Additional listings in the white pages directories and yellow pages directories will be provided at the rates set forth in NH PUC No. 83.	(N)

1. Reserved for Future Use

1. Collocation
1.1 Description

1.1.1	General	
A.	Collocation provides for access to central office cross connect points that may serve as a point of interconnection for the exchange of traffic with the Telephone Company, or for purposes of accessing unbundled network elements in those Telephone Company central offices.	
B.	Physical collocation are available through fiber optic, microwave facilities or leased facilities of a third party. Collocation may be accomplished through physical collocation, virtual collocation or both, except in those instances where insufficient space is available to accommodate physical collocation.	(C)
C.		(D) (D)

1.1.2	Service and Installation Intervals for Physical Collocation	(C)
A.	The Telephone Company and the CLECs shall work cooperatively in meeting the standard implementation milestones and deliverables as determined during the joint planning process. The physical collocation arrangement implementation interval is 76 business days for all standard arrangement requests which were properly forecast six months prior to the application date, subject to tariff provisions for forecasting and capacity. Major construction obstacles or special applicant requirements may extend the interval by 15 business days, resulting in a 91 business day interval. Intervals for non-standard arrangements shall be mutually agreed upon by the CLEC and the Telephone Company. The interval for collocation augments which were properly forecast six months prior to the application date, subject to the tariff provisions for forecasting and capacity, is 45 business days where the necessary infrastructure is installed and available for use. Such augments are limited to the following.	(C)
1.	800 2W voice grade terminations; or	
2.	400 4W voice grade terminations; or	
3.	600 line sharing/line splitting facilities, where line sharing/splitting already exists within the central office and where the CLEC is eligible for line sharing/line splitting, or	(N) (N)
4.	28 DS1 terminations; or	(T)(C)
5.	24 DS3 terminations; or	(T)(C)
6.	12 fiber terminations; or	(T)
7.	Conversion of 2W voice grade to 4W voice grade (minimum 100, maximum 800). All pairs must be spare and in consecutive 100 pair counts; or	(T) (C)
8.	2 feeds (1A and 1B) DC power fused at 60 amps or less; or	(T)
9.	DC power as defined in 8 preceding, plus any one (1) additional item as defined in 1 through 7 preceding; or 2 of the following: a) 28 DS1 terminations b) 3 DS3 terminations or c) 12 fiber terminations. The CLEC must have 100% of all cables terminated to the existing cross connects for the one additional item selected and the in service capacity of that selection must be at 85% utilization or above; unless the CLEC can demonstrate to the Telephone Company that : a.) the previous two months trend in growth would exceed 100% of the available capacity by the end of the 45 business day augment interval or b.) the CLEC can demonstrate other good cause or causes to the Telephone Company that the CLECs cross connect capacity may be exceeded by the end of the 45 business day augment interval.	(N) (N)

1. Collocation
1.1 Description

1.1.2	**Service and Installation Intervals for Physical Collocation**	(C)
B.	The forty-five (45) business day augment interval is also subject to the following requirements:	(X)
1.	Infrastructure to support the requested augment must be in place (e.g., cable racking from common area to distribution frames, relay racks for splitter shelves (Option C), frame capacity for termination blocks, cable holes, fuse positions at existing BDFBs, etc.).	(C) (C)
2.	The CLEC must install sufficient equipment in its collocation space to support the requested terminations/facilities.	
3.	In large central office premises with complex cable runs (i.e., multiple floors), the Telephone Company may request to negotiate extensions to the forty-five day interval.	(C)
C.	Intervals for non-standard arrangements, including Adjacent Collocation, shall be mutually agreed upon by the CLEC and the Telephone Company.	(C) (C)(X)
D.	The following standard implementation milestones will apply, in business days, unless the Telephone Company and the CLEC jointly decide otherwise.	(C) (C)
1.	**Day 1**—CLEC submits completed application and associated fee.	
2.	**Day 8**—Telephone Company notifies CLEC that request can be accommodated and advises of due date.	
3.	**Day 17**—CLEC notifies the Telephone Company of its intent to proceed and submits 50% payment.	(C) (C)
4.	**Day 30** - Material ships and is received at vendor warehouse; CLEC provided splitters delivered to vendor warehouse (Line Sharing Option C only, and applicable only where the CLEC is eligible for line sharing/line splitting.)	(N) (N)
5.	**Day 45**—Augment (as defined in 1.1.2A preceding) completes.	(T)
6.	**Day 76**—The Telephone Company and CLEC attend collocation acceptance meeting, and the Telephone Company turns over the collocation arrangement to the CLEC. Day 76 also applies to completion of other augments not included in Section 1.1.2A preceding.	(T)(C) (C)
E.	A preliminary schedule will be developed outlining major milestones. The CLEC and the Telephone Company 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). The Telephone Company and the CLEC shall conduct additional planning meetings, as reasonably required, to ensure all known issues are discussed and to address any that may impact the implementation process.	(C) (C)
1.	When the Telephone Company becomes aware of possible vendor delays, it will first contact the CLEC(s) involved to attempt to negotiate a new interval. If the Telephone Company and the CLEC cannot agree, the dispute will be submitted to the PUC for prompt resolution.	
F.	In the case of extended intervals resulting from within the Telephone Company's control or resulting from vendor delays, and provided the necessary security is in place, the Telephone Company will permit the CLEC access to the collocation arrangement to install equipment while the delayed work is completed, so long as it is safe to do so and the CLEC work does not impair or interfere with the Telephone Company in completing the Telephone Company's work. Prior to the CLEC beginning the installation of its equipment, the CLEC must sign a conditional acceptance of the collocation arrangement. If the CLEC elects to accept the space prior to the scheduled completion, occupancy fees shall commence upon signing a conditional acceptance of the space by the CLEC.	(C) (C)

1. Collocation
1.1 Description

1.1.2	Service and Installation Intervals for Physical Collocation	(C)
G.	Raw space conversion timeframes are negotiated on an individual case basis based on negotiations with the site preparation vendors. The Telephone Company will use its best efforts to minimize the additional time required to condition collocation space, and will inform the CLECs of the time estimates as soon as possible. The Telephone Company will inform the PUC as soon as it knows it will require raw space conversion to fulfill a request based on application or forecast.	(C)(X) (D) (D)(X)
H.	**Forecast Request**	
1.	The Telephone Company will request from the CLECs forecasts on a semi-annual basis, with each forecast covering a two year period. The CLECs will be required to update the near-term (6 month) forecasted application dates.	
2.	Information requested will include central office, month applications are expected to be sent, requested in-service month, preference for virtual or physical, and square footage required (physical) or high-level list of equipment to be installed (virtual) and anticipated splitter arrangements where the CLEC is eligible for line sharing/line splitting. For augments the CLEC may elect to substitute alternative CLLI codes within a LATA for the forecasted demand.	(C) (C) (D) (D)
3.	If the Telephone Company has a written guarantee of reimbursement, it will examine forecasts for offices in which it is necessary to condition space, and discuss these forecasts with CLECs to determine the required space to be conditioned. If the Telephone Company commits to condition space based on forecasts, CLECs assigned space will give the Telephone Company a non-refundable deposit equal to the application fee.	(T)(C) (C)
4.	The Telephone Company will perform initial reviews of requested central offices forecasted for the next six months to identify potential problem sites; consider forecasts in staffing decisions; and enter into planning discussions with forecasting CLECs to validate forecasts, discuss flexibility in potential trouble areas and assist in application preparation.	(T)
I.	Unforecasted demand (including augments) will be given a lesser priority than forecasted demand. The Telephone Company will make every attempt to meet standard intervals for unforecasted requests. However, if unanticipated requests push demand beyond the Telephone Company's capacity limits, the Telephone Company will negotiate longer intervals as required (and within reason). In general, if forecasts are received less than two months prior to the application date, the interval start day may be postponed as outlined following. Any such interval adjustments will be discussed with the CLEC at the time the application is received.	(T) (T)
1.	**No Forecast Received**— Interval start date commences two months after application receipt date.	(T)(C)
2.	**Forecast Received One Month or Less Prior to Application Receipt Date**— Interval start date commences two months after application receipt date.	(T)(C) (C)
3.	**Forecast Received Greater Than One Month and Less Than Two Months Prior to Application Receipt Date**— Interval start date commences one month after the application receipt date.	(T)(C)
4.	**Forecast Received Two Months or More Prior to Application Receipt Date**— Interval start date commences on the application receipt date.	(N) (N)

1. Collocation
1.1 Description

1.1.2	Service and Installation Intervals for Physical Collocation	(C)
I.	(Continued)	
5.	The Telephone Company's estimate of its present capacity (i.e., no more than an increase of fifteen percent over the average number of applications received for the preceding three months in a particular geographic area) is based on current staffing and current vendor arrangements. If the forecasts indicate spikes in demand, the Telephone Company will attempt to smooth the demand via negotiations with the forecasting CLECs. If the Telephone Company and the CLEC fail to agree to smooth demand, the Telephone Company will determine if additional expenditures would be required to satisfy the spikes in demand and will work with the PUC to determine whether such additional expenditure is warranted and to evaluate cost recovery options.	(C) (C)
6.	If the Telephone Company augments its work force based on CLEC forecasts, the CLECs refusing to smooth demand as described in Section 1.1.2.I.5 will be held accountable for the accuracy of their forecasts.	(C)
J.	**Vendor Delays**—No party shall be excused from their obligations due to the acts or omissions of a party's subcontractors, material, person, suppliers or other third persons providing such products or services to such party unless such acts or omissions are the product of a force majeure event, or unless such delay or failure and the consequences thereof are beyond the reasonable control and without the fault or negligence of the party claiming excusable delay or failure to perform.	(N)
K.	**Vendor Capacity**—The Telephone Company will continuously seek to improve vendor performance for all central office work, including collocation. Since the vendors require notice in order to meet increases in demand, the Telephone Company will share CLEC actual and forecasted demand with appropriate vendors, as required, subject to the appropriate confidentiality safeguards.	
1.	CLECs may also contract with Telephone Company approved vendors directly for a variety of the functions required, as follows.	
a.	**Physical Collocation**—CLECs can contract directly for cage construction, electrical outlets, lighting, ground bar and POT bay installation in their cages.	
b.	**Virtual Collocation**—CLECs can contract directly for the engineering and installation of the transmission equipment, including interconnection access cabling and fiber splicing.	(N)

1. Collocation
1.2 Termination of Arrangement (X)

1.2.1	Description
A.	The Telephone Company shall have the right to terminate a collocation arrangement at any time with respect to any area(s) of the Telephone Company central office premises which becomes the subject of a taking by eminent authority having such power. The Telephone Company shall notify the CLEC of such termination immediately after it receives notice of the taking. The CLEC shall have no claim against the Telephone Company for any relocation expenses, any part of any award that may be made for such taking or value of any unexpired arrangement that results from a termination by the Telephone Company under this provision, or any loss of business from full or partial interruption or interference due to any such termination. Nothing herein shall be construed as preventing the CLEC from making its own claim against the eminent authority ordering the taking of the collocated space area of the Telephone Company office premises for the CLEC's relocation expenses.
B.	If at anytime the Telephone Company reasonably determines that any CLEC's facilities or equipment or the installation of the CLEC's facilities or equipment does not meet the requirements of these terms and conditions, the CLEC will be responsible for the costs associated with the removal or modifications of such facilities to render it compliant. If the CLEC fails to correct any non-compliance with these standards within fifteen days written notice to the CLEC, the Telephone Company may have the facilities or equipment removed or the condition corrected at the CLEC's expense, subject to the dispute resolution procedures.
C.	If the Telephone Company reasonably determines that any CLEC's activities, equipment or facilities are unsafe, or are in violation of any applicable fire, environmental, health, safety or other laws or regulations, or pose an immediate threat to the safety of the Telephone Company's employees or others or to the Telephone Company's network, the Telephone Company has the right to immediately stop such activities or the operation of such facilities or equipment without prior notice. The CLEC will be charged for any costs incurred as a result of such actions
D.	The Telephone Company may also discontinue service or cancel an application for the arrangement without incurring any liability for any of the following reasons.
1.	Upon nonpayment of any sum owing to the Telephone Company for more than thirty days beyond the date of rendition of the bill for the arrangement, the Telephone Company may, on thirty days advance notice in writing to the CLEC without incurring any liability, discontinue the furnishing of a new or existing arrangement.
2.	The Telephone Company shall be prohibited from furnishing services by order of a court or other government authority having jurisdiction.
3.	In the event of fraudulent use of the Telephone Company's network, the Telephone Company may discontinue the arrangement without notice and/or seek legal recourse to recover all costs involved in enforcement of this provision. (X)

2. Physical Collocation
2.1 General

Rates and charges for service explained herein are contained in Part M, Section 5.2.

2.1.1	Description	
A.	Physical collocation provides for access to central office cross connect points that may serve as a point of interconnection for the exchange of traffic with the Telephone Company, or for purposes of accessing unbundled network elements in those Telephone Company central offices.	
B.	Physical collocation will be provided to CLECs on a first come, first served basis. The CLEC shall complete a written application for occupancy of any physical collocation space (multiplexing node), cable space, or conduit space, and shall include payment of an application fee. If space is unavailable or a CLEC withdraws its request, the application fee, less the costs incurred by the Telephone Company (e.g., engineering record search and inspection of central office premises to determine availability of space, and administrative activities required to process the application) will be refunded. Receipt of the application fee will determine the order of priority of the CLEC's request.	(C) (C)
1.	Cable space is any passage or opening in, on, under/over or through the central office cable support structure (e.g., cable risers, cable racks, cable vault or alternate splicing chamber, etc.) required to bring fire retardant fiber optic riser cable from the collocation node to the location where the riser cable and the feeder cable meet and are spliced and the spaces between the splice and the conduit space, as well as the space between the collocation node and the Telephone Company POT and any other space required to bring other fire retardant communications cable from one collocation node to another collocation node of the same CLEC.	
2.	Conduit space is any reinforced passage or opening in, on, under/over or through the ground between the feeder route conduit system (manhole zero) and the cable vault location capable of containing communications facilities. This includes cable entrance facilities, main conduit, ducts, inner ducts, gas traps, underground dips such as short sections of conduit under roadway, driveways and parking lots, and similar conduit installations required to bring the CLEC-provided fiber optic feeder cable into the Telephone Company central office.	
C.	In order to process a CLEC's application for physical collocation, the Telephone Company will conduct a pre-construction survey in which the Telephone Company conducts the following activities.	
1.	An engineering record search and review to determine availability of partitioned space, cable space and conduit space.	
2.	An inspection of central office premises and conduit to verify available space and to determine the requirements of the normal space and conditioning work.	
3.	Administrative activities required to process the application.	

2. Physical Collocation
2.1 General

2.1.1	Description	
D.	If a CLEC requests to physically collocate at other technically feasible points necessary for access to unbundled elements and interconnection other than at the Telephone Company central office, the CLEC must submit their order via a Bona Fide Request.	
E.	The CLEC does not receive, as a result of entering into a Collocation arrangement hereunder, any right, title or interest in the Telephone Company's central office facility, the multiplexing node, multiplexing node enclosure, cable space, cable racking, vault space or conduit space other than as expressly provided herein.	
F.	The Telephone Company will assign collocation space to CLECs in a just, reasonable, and nondiscriminatory manner. The Telephone Company will allow CLECs requesting physical collocation to submit space preferences on the application. The Telephone Company will assign physical space in accordance with the following standards.	(N)
1.	The CLEC's collocation costs cannot be materially increased by the assignment;	
2.	The CLEC's occupation and use of the Telephone Company's central office cannot be materially delayed by the assignment;	
3.	The assignment cannot impair the quality of service or impose other limitations on the service the CLEC wishes to offer; and	
4.	The assignment cannot reduce unreasonably the total space available for physical collocation, or preclude unreasonably, physical collocation within the Telephone Company's central office.	
G.	The Telephone Company may assign physical collocation in space separate from space housing the Telephone Company's equipment, provided that each of the following conditions is met.	
1.	Either legitimate security concerns, or operational constraints unrelated to the Telephone Company's or any of its affiliates' or subsidiaries' competitive concerns, warrant such separation;	
2.	Any physical collocation space assigned to an affiliate or subsidiary of the Telephone Company is separated from space housing the Telephone Company's equipment;	
3.	The separated space will be available in the same time frame as, or a shorter time frame than, non-separated space;	
4.	The cost of the separated space to the CLEC will not be materially higher than the cost of non-separated space; and	
5.	The separated space is comparable, from a technical and engineering standpoint, to non-separated space.	(N)

2. Physical Collocation
2.1 General

2.1.2	Site Survey/Report, Application, Engineering and Administration	
A.	Upon request by the CLEC and upon the CLEC signing a confidentiality agreement, the Telephone Company will make available a site survey/report describing in detail the available physical collocation space in a Telephone Company central office, the number of CLECs currently collocated in that central office, modifications in the use of space since the last report requested and measures being taken to make additional space available. The interval for the site survey/report is ten calendar days for requests submitted in the ordinary course of business.	
1.	The site survey/report is not required prior to submission of an application.	
B.		(D) (D)
C.	Subject to forecasting requirements, the Telephone Company will inform the CLEC whether space is available to accommodate the CLEC's request within eight business days after receipt of an application. The Telephone Company's response will be one of the following.	(C) (C)
1.	There is space and the Telephone Company will proceed with the arrangement.	
2.	There is no space. The Telephone Company will proceed in accordance with tariff provisions pertaining to verification of space limitations.	(C)
3.	There is no readily available space, however, the Telephone Company will determine whether space can be made available and will notify the CLEC within twenty (20) business days. At the end of this period, the Telephone Company will proceed as described in Section 2.1.2C1 and 2.1.2C2.	(C) (C)
D.	If space is available, the Telephone Company will provide to the CLEC a collocation schedule describing the Telephone Company's ability to meet the physical collocation request within eight (8) business days. The CLEC shall have nine (9) business days from receipt of a Telephone Company provided collocation schedule to pay 50% of the NRCs associated with the ordered collocation services. If the application is deficient, the Telephone Company will specify, in writing, within eight (8) business days, the information that must be provided by the CLEC in order to complete the application. A CLEC that resubmits a revised application curing any deficiencies in its original application within 10 calendar days after being informed of them shall retain its position within the collocation application queue.	(N) (N)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.1	Accommodations	
A.	The Telephone Company will permit the CLEC to establish a multiplexing node at the specified Telephone Company central office where the CLEC desires to interconnect or access unbundled network elements in order to place the necessary equipment. This service is subject to the availability of space and facilities in, on or above the exterior walls and roof of each central office where interconnection is requested. Upon request, where there are two entry points to Telephone Company cable facilities, the Telephone Company will provide two separate points of entry to the serving wire center for the CLEC's fiber optic cable, except where one entry of a two entry office is filled to capacity.	
B.	In addition to the floor space, the Telephone Company will provide -48V DC power, battery and generator back-up power, AC convenience outlets, heat, air conditioning and other environmental support to the CLEC equipment in the same manner that it provides such support items to its own equipment within that central office. Standard -48V DC power shall be provided as specified in Section 2.2.1B1 herein. If requests for power or environmental support exceed the existing central office capacity, any extraordinary costs to provide that expanded capacity will be borne by the CLEC.	
1.	The Telephone Company will provide DC power to the collocation arrangement as specified by the CLEC in its collocation application. The CLEC will specify the load on each feed and the size of the fuse to be placed on each feed. Charges for DC power will be applied per load amp based on the total number of load amps ordered on each feed. For example, if a CLEC orders a total of 40 load amps of DC power and an A and B feed, the CLEC could order 20 load amps on the A feed, and 20 load amps on the B feed. The Telephone Company will permit the CLEC to order a fuse size at up to 2.5 times the load amps ordered. Thus, the CLEC could order that each feed be fused at 50 amps if the CLEC wants one feed to carry the entire load in the event the other feed fails. Accordingly, the CLEC will be charged on the basis of the total number of load amps ordered, i.e., 40 amps, and not based on the total number of amps available for the fuse size ordered.	
C.	The Telephone Company will make a reasonable effort to place collocation nodes in areas of the central office requiring the least amount of site preparation cost possible, where space is available. In the event that demand for collocation nodes necessitates the construction of a separate room, or conditioned central office space is not available, special construction charges will apply in order that the Telephone Company recover the costs for such special construction. When appropriate, special construction charges will be prorated in accordance with Section 2.5.	
D.	In the event that conditioned central office space is not available and additional space must be constructed, the Telephone Company will put the special construction project out for bid.	(N)
1.	The requesting CLEC may view the central office to understand the scale of the project.	
2.	Within fifteen business days, the Telephone Company will obtain two work estimates from contractors as well as an in-house estimate.	
3.	Before commencing work, but in any event no more than ten business days after receiving the estimates, the Telephone Company will notify the CLEC of the particulars of the selected bid.	
4.	The CLEC will notify the Telephone Company within ten business days whether to move forward with the project.	(N)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.2	Deployment Requirements	(X)
A.	The Telephone Company reserves the right to prohibit all equipment and facilities, other than fiber optic cable, from its entrance manholes. No splicing will be permitted in manhole zero. The CLEC must provide underground fiber optic cable in manhole zero of sufficient length as specified by the Telephone Company to be pulled through the central office conduit and into the central office cable vault splice location. The CLEC is responsible for placement of the fiber optic facility within manhole zero and is responsible for the maintenance of the fiber optic cables.	
B.	The Telephone Company is responsible for installing CLEC-provided fiber optic feeder cable in the conduit space. To avoid unnecessary reinforcements or rearrangements, the CLEC will be required to provide a three year forecast for planning and duct allocation purposes. The Telephone Company may provide shared conduit with dedicated inner duct. The CLEC will not be permitted to reserve space in the central office conduit. If new conduit is required, the Telephone Company will negotiate with the CLEC to determine a further arrangement to deal with the specific location.	(X)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.2	Deployment Requirements	
C.	The Telephone Company reserves the right to manage its own central office conduit requirements and to reserve vacant space for planned facilities. The Telephone Company and its affiliates will retain and reserve a limited amount of vacant floor space within its premises for its own specific future uses on terms no more favorable than applicable to other CLECs seeking to reserve collocation space for their future use. In order to deny a CLEC's request, the Telephone Company must have planned (prior to the CLEC's request) to use the space or conduit within one year after the CLEC's request.	(C) (C) (C)
D.	The Telephone Company is responsible for installing and maintaining a splice where the CLEC's fiber optic feeder cable meets the CLEC's fire retardant inside riser cable within the central office cable vault or designated splicing chamber.	
E.	The Telephone Company will provide space and racking for the placement of an approved secured fire retardant splice enclosure. The Telephone Company will tag all entrance facilities to indicate ownership.	
F.	The CLEC will be accompanied by a qualified Telephone Company representative in all manhole and vault locations, subject to a security escort charge. A qualified Telephone Company representative is a Telephone Company employee or approved contractor who has knowledge of manhole, vault and telephone network safety and security requirements and procedures for accessing such locations. The escort will be provided at a mutually agreeable time and date no later than five business days subsequent to the CLEC's request. The Telephone Company will meet all escort requirements.	(C) (C)
G.	The Telephone Company is responsible for placing the CLEC's fire retardant riser cable from the central office cable vault or ASA to the multiplexing node. The CLEC is responsible for providing fire retardant riser cables which comply with Telephone Company practices and safety requirements for central office cabling as they relate to fire, safety, health and environmental safeguards. The Telephone Company and the CLEC will jointly determine the length of fire retardant cable needed to reach from the splice in the cable vault or ASA to the multiplexing node. Special arrangements will be agreed upon to meet unusual conditions such as midspan splicing requirements. The Telephone Company will allocate common riser ducts and common racking where possible. Added or special racking rearrangements requested by the CLEC will result in time and material charges.	
H.	The Telephone Company shall permit the collocation and use of any equipment necessary for interconnection or access to unbundled network elements in accordance with the following standards:	
1.	Equipment is necessary for interconnection if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the CLEC from obtaining interconnection with the Telephone Company at a level equal in quality to that which the Telephone Company obtains within its own network or the Telephone Company provides to any of its affiliates, subsidiaries, or other parties; and	
2.	Equipment is necessary for access to an unbundled network element if an inability to deploy that equipment would, as a practical, economic, or operational matter, preclude the CLEC from obtaining nondiscriminatory access to that unbundled network element, including any of its features, functions, or capabilities.	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.2	Deployment Requirements	
I.	Multi-functional equipment shall be deemed necessary for interconnection or access to an unbundled network element if and only if the primary purpose and function of the equipment, as the CLEC seeks to deploy it, meets either or both of the standards set forth in (H) preceding. For a piece of equipment to be utilized primarily to obtain equal in quality interconnection or nondiscriminatory access to one or more unbundled network elements, there also must be a logical nexus between the additional functions the equipment would perform and the telecommunication services the CLEC seeks to provide to its customers by means of the interconnection or unbundled network element. The collocation of those functions of the equipment that, as stand-alone functions, do not meet either of the standards set forth in (H) preceding must not cause the equipment to significantly increase the burden on the Telephone Company's property.	
J.	The CLEC may place in its multiplexing node ancillary equipment such as cross connect frames, as well as metal storage cabinets and work surfaces (e.g., tables). Metal storage cabinets and work surfaces must meet Telephone Company central office environmental standards. In addition, for those interconnecting via microwave facilities, transmitter/receiver equipment may be located in the multiplexing node, or in a separate location inside or on the exterior of the building as determined by the Telephone Company.	(D)
K.	A standard Telephone Company central office toll transmission environment is provided for any CLEC equipment deployed in a Telephone Company central office. Requests for additional conditioning will be evaluated on a case by case basis.	(D)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.2	Deployment Requirements	
L.	All CLEC equipment to be installed in or on the exterior of Telephone Company central offices must either be on the Telephone Company's list of compliant products, or equipment that is demonstrated as complying with the appropriate technical specifications. Upon receipt of a Collocation request, the Telephone Company will make available at cost any Telephone Company specific documentation required.	(T)
M.	The Telephone Company and the CLEC agree to work cooperatively to develop an equipment layout that complies with the equipment specification and to minimize space requirements.	(T)
N.	Where the CLEC intends to modify, move, replace or add to equipment or facilities within or about the multiplexing node, roof space or transmitter/receiver space(s) and requires special consideration (e.g., use of freight elevators, loading dock, staging area, etc.), the CLEC must request and receive written consent from the Telephone Company. Such consent will not be unreasonably withheld. The CLEC shall not make any changes from initial installation in terms of the number of transmitter/receivers, type of radio equipment, power output of transmitters or any other technical parameters without the prior written approval of the Telephone Company.	(T)
O.	All work performed by the CLEC must comply with the requirements specified in NIP-74166, Issue No. 1.	(T)
P.	Prior to installation of the CLEC's facilities or equipment for microwave interconnection, the CLEC must obtain at its sole cost and expense all necessary licenses, permits, approvals, and/or variances for the installation and operation of the equipment and particular microwave system, and when applicable for any towers or support structures, as may be required by authorities having jurisdiction.	(T)
Q.	The CLEC will be responsible for installing, maintaining, repairing and servicing its equipment located in the central office physical collocation node. In areas where the Telephone Company uses contractors to construct the collocation node, the CLEC may have the option of directly contracting with Telephone Company approved vendors to do the construction. This construction is limited to the multiplexing node itself, the door and associated superstructure and AC electrical requirements dedicated to the multiplexing node.	(T)
1.	Prior to beginning installation work, the CLEC must provide notice, in writing, to the Telephone Company indicating acceptance of the collocation node work.	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.2	Deployment Requirements	
R.	The CLEC shall have the right to use a portion of the central office(s) and loading areas, if available, on a temporary basis during the CLEC's equipment installation work in the multiplexing node. The CLEC is responsible for protecting the Telephone Company's equipment and central office flooring within the staging area and along the staging route. The CLEC will store equipment and materials within the multiplexing node when work is not in progress (e.g., overnight). No storing of equipment and materials overnight will be permitted in the staging area. The CLEC will meet all the Telephone Company's fire, safety and housekeeping requirements. This temporary staging area will be vacated and delivered to the Telephone Company in a broom-clean condition upon completion of its installation work.	(T)
S.	Method of procedures detailing the installation work to be performed by the CLEC shall be completed by the CLEC on all physical collocation equipment installation. The method of procedures shall be agreed upon and signed by a Telephone Company representative and a CLEC representative prior to the beginning of any installation effort within the multiplexing node or common area. The CLEC shall prominently display the signed method of procedures at the multiplexing node while performing any installation functions.	(T)

2.2.3	Point of Termination
A.	The Telephone Company will designate a POT on cross connect frames or similar devices as the point(s) of physical demarcation between the CLEC's facilities and the Telephone Company's facilities. The cross connect frames where the POT(s) are located will be provided at or near the multiplexing node. The CLEC will provide and be responsible for installing and maintaining the connection cabling and associated cross connections between the multiplexing node and the POT. The Telephone Company will provide and be responsible for installing and maintaining all facilities on the Telephone Company's side of the POT.
B.	The CLEC must select from the following options regarding the termination of its facilities at its multiplexing node. The CLEC is limited to only one option per multiplexing node.
1.	**Option 1**— The Telephone Company will provide the POT bay in a common area located at or near the multiplexing node.
2.	**Option 2**— The CLEC will provide the POT bay, which the Telephone Company will own, install and maintain in a common area located at or near the multiplexing node.
3.	**Option 3**— The CLEC will provide the POT bay inside the multiplexing node and will be responsible for installing and maintaining all facilities at the POT bay. The Telephone Company will deliver the cross connect cable to the multiplexing nodewith sufficient length to allow the CLEC to bring it into the multiplexing node and terminate it on the POT bay.

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.4	Minimum Floor Space Requirements/Anti-Warehousing
A.	The Telephone Company will designate the floor and cable space within each central office which will constitute the multiplexing node.
B.	A standard size multiplexing node is either 25, 100 or 300 square feet per central office. Additional space is available in 20 square foot increments for 100 square foot multiplexing nodes or larger, where feasible. A CLEC with a multiplexing node in a Telephone Company central office may request that space in 100 square increments be reserved in the same central office. If space is available, the Telephone Company will reserve the space for the CLEC until such time as the Telephone Company requires the reserved space. If the Telephone Company requires the reserved space, it will notify the CLEC and the CLEC must file an application for the space within thirty business days.

2.2.5	Safety and Security Measures	
A.	The Telephone Company will permit the CLEC's employees, agents and contractors approved by the Telephone Company to have access to the areas where the CLEC's multiplexing node is located for installation and routine maintenance, provided that the CLEC employees, agents and contractors comply with the policies and practices of the Telephone Company pertaining to fire, safety and security. The Telephone Company will also permit all approved employees, agents and contractors of CLECs to have access to the CLEC's cable and associated equipment (e.g., repeaters). This will include access to riser cable, cableways, and any room or area necessary for access. The reasonable use of shared building facilities (e.g., elevators, unrestricted corridors, designated restrooms, etc.) will be permitted.	
B.	The CLEC agrees to abide by all Telephone Company security practices for CLEC employees/agents with access to the Telephone Company's central offices as described in the Telephone Companies collocation security guidelines which will be provided upon request.	
C.	The Telephone Company may require CLEC employees and contractors to use a central or separate entrance to the Telephone Company's central office, provided, however, that where the Telephone Company requires that CLEC employees or contractors access collocated equipment only through a separate entrance, employees and contractors of the Telephone Company's affiliates and subsidiaries will be subject to the same restriction.	(N)
1.	CLEC employees, agents or contractors who meet the Telephone Company's established security standards will be provided access to the CLEC's collocation equipment 24 hours a day, seven days a week and reasonable access to the Telephone Company's restroom facilities.	
2.	The Telephone Company may construct or require the construction of a separate entrance to access physical collocation space, provided that each of the following conditions is met.	
a.	Construction of a separate entrance is technically feasible;	(N)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.5	Safety and Security Measures	
C.2.	(Continued)	
b.	Either legitimate security concerns, or operational constraints unrelated to the Telephone Company's or any of its affiliates' or subsidiaries' competitive concerns, warrant such sepa ration;	(N)
c.	Construction of a separate entrance will not artificially delay collocation provisioning; and	
d.	Construction of a separate entrance will not materially increase the CLEC's collocation costs.	(N)
D.	The CLEC will supply the Telephone Company with a list of its employees or approved vendors who require access. The list will include social security numbers of all such individuals or an alternative form of identification as specified by the Telephone Company. All individuals must be U.S. citizens where required by law or regulation.	(X)(T) (X)

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.5	Safety and Security Measures	
E.	The Telephone Company will provide the CLEC with non-employee identification badge applications. The CLEC will provide the Telephone Company with completed applications and two passport-sized photos for each CLEC employee who requires access. The CLEC employee/vendor must display identification badges at all times while on Telephone Company property. This badge will permit access to the location of the CLEC's multiplexing node in the central office. The Telephone Company will also issue access cards to each listed employee/vendor where access card systems are available. All badges/access cards must be returned upon termination of this arrangement. The CLEC is responsible for notifying the Telephone Company of any lost or stolen identification badges or access cards, and is responsible for returning the badges/access cards issued to individuals that are no longer employed or engaged by the CLEC.	
F.	Any CLEC employee or agent found in violation of these guidelines may be ejected from the Telephone Company premises. The Telephone Company reserves the right to revoke any identification badge and access card of any CLEC employee or agent who engages in any activity that threatens harm to a Telephone Company employee or to the telephone network. The Telephone Company will notify the affected CLEC as soon as possible after either situation with an explanation of the events that occurred.	(C) (C)
G.	Where the CLEC provides the security device for its multiplexing node, the CLEC will provide the Telephone Company with direct access to the node in the event of an emergency and to perform its equipment inspection activities, prior to the installation of any such security devices. All security devices must be approved by the Telephone Company.	
H.	During the construction phase, the CLEC may schedule one escorted visit to its collocation space, subject to appropriate security escort charges (Refer to Part M, Section 5.2.6).	(T)
I.	During the installation phase of the CLEC's equipment, or for subsequent maintenance, the CLEC or its approved vendor will have access to its multiplexing node without a security escort. The CLEC will also have access to any other room or area where the CLEC is installing equipment (i.e., roof tops) subject to a security escort by a qualified Telephone Company representative and applicable security escort charges (Refer to Part M, Section 5.2.6). A qualified Telephone Company representative is a Telephone Company employee or approved contractor who has knowledge of the central office, as well as central office and telephone network safety and security requirements and procedures. The escort will be provided at a mutually agreeable time and date no later than five business days subsequent to the CLEC's request.	(C) (C)
J.	Where special construction is required, the CLEC will have access at the commencement, middle and end of construction. If additional access is requested, a security escort will be provided without charge.	(C) (C)
K.	In the event of work stoppages, separate entrances will be established for the CLEC, where possible. When separate entrances are not available, the Telephone Company will provide CLEC employees the same access that it provides to its management employees. Failure to provide such separate entrances shall not render the Telephone Company liable for any claim for damages.	
L.	The CLEC agrees that its employees/vendors with access to Telephone Company central offices shall at all times adhere to the rules of conduct established by the Telephone Company for the central office and the Telephone Company's personnel and vendors. The Telephone Company	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.5	Safety and Security Measures	
L.	The CLEC agrees that its employees/vendors with access to Telephone Company central offices shall at all times adhere to the rules of conduct established by the Telephone Company for the central office and the Telephone Company's personnel and vendors. The Telephone Company reserves the right to make changes to such procedures and rules to preserve the integrity and operation of the Telephone Company's network or facilities or to comply with applicable laws and regulations. The Telephone Company will provide the CLEC with written notice of such changes.	(X) (X)

2. Physical Collocation

2.2 Responsibility of the Telephone Company

2.2.5	Safety and Security Measures	
M.	Radio frequency radiating devices (e.g., walkie-talkies, cellular phones, etc.) are not permitted to be used in the Telephone Company central offices/serving wire centers, access tandems, or remote nodes.	
N.	The CLEC will be required to sign a confidentiality agreement prior to being permitted to enter the Telephone Company central office.	
O.	With regards to Part E, Section 2.2.5P following, the Telephone Company reserves the right to provide a Telephone Company representative to accompany and observe at the CLEC's requested time of entry to the central office at no cost to the CLEC. The Telephone Company representative will adhere to CLEC's reasonable time frame and the CLEC's access to the central office will not be delayed or denied due to nonappearance of the Telephone Company representative.	(C) (C)
P.	CLECs will have access to their collocated equipment twenty-four hours a day, seven days a week, without a security escort. Unless an emergency exists (e.g., equipment failure, service outage or environmental alarm), the CLEC shall provide the Telephone Company with notice of no less than thirty minutes for a manned Telephone Company premises and sixty minutes for an unmanned Telephone Company premises prior to dispatching a CLEC employee or agent to the collocation arrangement.	(C)
Q.	Where applicable, the Telephone Company will provide information to the CLEC on the specific type of security training required so the CLEC's employees can complete such training.	

2.2.6	Repair and Maintenance	
A.	The CLEC will be responsible for notifying the Telephone Company of significant outages which could impact or degrade the Telephone Company's switches and services, and provide estimated clearing time for restoral.	
B.	The CLEC is responsible for coordinating with the Telephone Company to ensure that services are installed in accordance with the service request. Before beginning any delivery, installation, replacement or removal work for equipment and/or facilities located within the CLEC's multiplexing node, the CLEC must obtain the Telephone Company's written approval of the CLEC's proposed scheduling of the work in order to coordinate use of temporary staging areas and other building facilities. The Telephone Company may request additional information before granting approval and may require scheduling changes, but in any event will respond to the CLEC's request within five business days. Such approval will not be unreasonably withheld.	(C) (C)
C.	The CLEC is responsible for testing, if necessary, with the Telephone Company to identify and clear a trouble when the trouble has been sectionalized (isolated) to a CLEC provided service. The CLEC is responsible for providing trouble report status when requested.	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.6	Repair and Maintenance	
D.	The CLEC must pay a service charge whenever the Telephone Company personnel are required to identify a trouble as being on the CLEC's side of the POT (e.g., in the connection cabling or associated cross connection, or CLEC antenna and associated microwave equipment). However, should the CLEC identify a trouble as being on the Telephone Company's side of the POT after the Telephone Company has reported the contrary, the Telephone Company must pay a service charge, of equal value, to the CLEC.	(C) (C)

2.2.7	Damage to the Multiplexing Node
A.	If the multiplexing node or any part thereof shall be damaged by fire or other casualty, the CLEC shall give immediate notice thereof to the Telephone Company. Tariff regulations will remain in full force and effect unless otherwise specified herein.
B.	If the multiplexing node, roof space or transmitter/receiver space and/or associated cable space, is partially damaged or rendered partially unusable by fire or other casualty not caused by the CLEC, the damages thereto shall be repaired by and at the expense of the Telephone Company (not including damages to the CLEC- owned equipment within the multiplexing node). The occupancy fee, until such repair shall be substantially completed, shall be apportioned from the day following the casualty according to the part of the multiplexing node and/or associated cable, roof space and transmitter/receiver space and conduit spaces which are usable.
C.	If the multiplexing node, cable space, roof space, transmitter/receiver space or conduit space is totally damaged or rendered wholly unusable by fire or other casualty not caused by the CLEC, then the occupancy fees shall be proportionately paid up to the time of the casualty and thenceforth shall cease until the date when the space shall have been repaired and restored by the Telephone Company, subject to the Telephone Company's right to elect not to restore the same as provided in Section 2.2.8D.
D.	If the multiplexing node, cable space, roof space, transmitter/receiver space or conduit space is rendered wholly unusable through no fault of the CLEC, or if the building shall be so damaged that the Telephone Company shall decide to demolish it or to rebuild it (whether or not the premises are damaged in whole or in part), the Telephone Company may elect to terminate this arrangement. Written notice to the CLEC shall be given within ninety days after such fire or casualty specifying a date for the expiration of the arrangement, which date shall not be more than sixty days after the giving of such notice.
1.	The CLEC shall forthwith quit, surrender and vacate the premises without prejudice to the Telephone Company's rights and remedies against the CLEC. Any occupancy fee owing shall be paid up to such date and any payments of occupancy fee made by the CLEC which were on account of any period subsequent to such date shall be returned to the CLEC

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.7	Damage to the Multiplexing Node
D.	(Continued)
2.	Unless the Telephone Company shall serve a termination notice as provided for herein, the Telephone Company shall make the repairs and restorations subject to delays due to adjustment of insurance claims, labor troubles and causes beyond the Telephone Company's reasonable control.
3.	After any such casualty, the CLEC shall cooperate with the Telephone Company's restoration by removing from the multiplexing node and other associated space as promptly as reasonably possible, all of the CLEC's salvageable inventory and movable equipment, furniture and other property.
4.	The CLEC's liability for occupancy fees shall resume either upon occupancy by the CLEC or thirty days after written notice from the Telephone Company that the multiplexing node, cable space, roof space or transmitter/receiver space or conduit space is restored to a condition comparable to that existing prior to such casualty.

2.2.8	Reclamation of Space/Right to Terminate or Rearrange	
A.	When space constraints are identified at a particular central office, the Telephone Company or a CLEC may petition the PUC to institute a reclamation proceeding against a CLEC that has not constructed a cage or placed functional equipment in that cage within six months of the award of space. The same parties may also petition the PUC to investigate whether CLECs that have merged should be required to consolidate their collocation space.	(C) (C)
B.	In addition, the Telephone Company shall have the right, to terminate this arrangement at any time with respect to any multiplexing node, transmitter/receiver space, roof space, and associated cable and conduit when a state commission requires the Telephone Company to move its central office when an unsafe or hazardous condition makes abandonment of a central office necessary; or when the Telephone Company makes a reasonable business decision to sell a central office due to network engineering conditions. The Telephone Company shall provide 180 days' written notice prior to such an event, unless the Telephone Company is given a lesser notice by the PUC.	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.8	Reclamation of Space/Right to Terminate or Rearrange	
C.	The Telephone Company shall have the right to terminate this arrangement at any time with respect to any multiplexing node, transmitter/receiver space, roof space and associated cable and conduit where the serving wire center premises becomes the subject of a taking by eminent authority having such power. The Telephone Company shall provide the CLEC with 180 days' written notice of such termination and negotiate a schedule by which the CLEC must proceed to have CLEC-provided equipment or property removed from the multiplexing node and associated cable and conduit, unless the Telephone Company is given a lesser notice by the authority. The CLEC shall have no claim against the Telephone Company for any relocation expenses or any part of any award that may be made for such taking that results from a termination by the Telephone Company under this provision, or any loss of business from full or partial interruption or interference due to any termination. However, nothing herein shall be construed as preventing a CLEC from making its own claim against the eminent authority ordering the taking of the central office.	
D.	The Telephone Company will bear only the costs of relocating the multiplexing node enclosure, point of termination and associated Telephone Company cabling, and Telephone Company supplied microwave associated cabling, equipment and structures. The CLEC will be responsible for relocating its equipment, multiplexing equipment, facilities and any other property. The CLEC and the Telephone Company will work together in good faith to minimize any disruption of the CLEC's services as a result of such relocation.	
E.	Should the Telephone Company need to install additional facilities to any conduit system in which the CLEC occupies conduit for the purpose of meeting the Telephone Company's own service requirements or for providing for physical collocation for another CLEC, the Telephone Company will, after notifying the CLEC of the additional occupancy, rearrange the CLEC's facilities in the conduit system as reasonably determined by the Telephone Company, so that the additional facilities of the Telephone Company or other CLEC may be accommodated. Such rearrangement will be done at no cost to the rearranged CLEC and the Telephone Company will work cooperatively with the CLEC to minimize or prevent service interruptions during the rearrangement activity as well as provide the CLEC with advance notification of potential service interruptions.	(C) | (C)
F.	In an emergency, the Telephone Company reserves the right to rearrange a CLEC's facilities occupying a conduit, manhole, cable vault, roof space, transmitter/receiver space, riser system or cable support structure. The Telephone Company will use reasonable efforts to notify the CLEC prior to rearranging a CLEC's facilities. If such emergency is a result of the CLEC's occupancy of space under these provisions or as a result of any act or omission on the part of the CLEC, its employees, agents or vendors, the CLEC will be charged for such rearrangement. An emergency exists when continued service to customers and/or the continued safety of personnel or facilities is in imminent danger.	(C) (C) (C)
G.	Should the CLEC wish to move equipment from one location to another, the CLEC will be responsible for removing and transporting its equipment to the new site and installing it. The Telephone Company will treat the relocation as a new installation.	

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.8	Reclamation of Space/Right to Terminate or Rearrange	
H.	The Telephone Company shall have the right to reassign space with respect to any multiplexing node and associated cable and conduit where the multiplexing node is not efficiently used within a reasonable amount of time, not to exceed six months. Efficiently used means that substantially all of the floor space is taken by the equipment as specified above, metal storage cabinets or work surfaces as needed to provide service or when used in connection with roof space and transmitter/receiver space, and that the CLEC's facilities occupying such space are in operation for substantial periods of time each month. The determination as to whether or not these criteria are met is solely within the reasonable judgment of the Telephone Company. If the space is needed to accommodate another CLEC or the Telephone Company's service, the Telephone Company will take back from the CLEC, space that is not being efficiently used. The CLEC will have one-hundred and eighty days from notice by the Telephone Company to vacate the portion of such space which is not being efficiently used. The Telephone Company shall provide six months notice of its intent to reassign space.	(C)
I.	In addition, if a notice of reclamation is served, the aggrieved CLEC will be given ten days from receipt of the notice to apply to the PUC for relief, upon good cause shown. The CLEC shall be responsible for any outstanding fees, rates and charges in existence at such time.	
J.	The subsequent CLEC shall be responsible for any costs directly attributable to the reclaiming of the space previously assigned to the existing CLEC.	
K.	Upon termination of the CLEC's collocation arrangement or any twenty-five square foot portion thereof, the CLEC must remove its equipment from that space within thirty days. Upon removal by the CLEC of all its equipment from the multiplexing node area or portion thereof, the CLEC must restore that multiplexing node area to its original condition at time of occupancy. Due to physical and technical constraints, removal of cable is at the Telephone Company's option. If the CLEC fails to remove its equipment within thirty days, the Telephone Company may elect, at its option, to remove the equipment at the CLEC's expense.	

2.2.9	Provisions for Other Services
A.	The CLEC may order from the Telephone Company business message rate service in accordance with the provisions of NHPUC No. 83, for its own internal use and the expressed purpose of administrative lines within the multiplexing node. The CLEC may order additional administrative lines or circuits for the expressed use of directly supporting the network maintenance and administration functions for the collocation equipment within the multiplexing node.

2. Physical Collocation
2.2 Responsibility of the Telephone Company

2.2.10	Cabling
A.	The Telephone Company is responsible for the installation and maintenance of the CLEC-provided fiber optic cable from the entrance manhole zero and for the CLEC- provided fiber optic feeder cable in the conduit.
B.	The Telephone Company will extend the CLEC's fiber optic cable to the cable vault, will splice the cable to the CLEC provided fire retarding riser cable and will deliver it to the CLEC's multiplexing node subject to the appropriate charges.
1.	The Telephone Company is responsible for installing and maintaining the splice in the cable vault.

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.1	Cabling
A.	The CLEC is responsible for procuring, installing and maintaining all cables from the CLEC premises to manhole zero.
B.	The CLEC is responsible for providing, installing and maintaining the connection cable and any associated equipment which may be required (e.g., repeaters) between the collocated node and the POT.

2.3.2	Ordering Service
A.	The CLEC must request physical collocation arrangements through its Telephone Company point of contact. Completed applications for collocation must be sent directly to the Telephone Company Collocation project manager at the following address:
1.	Collocation Project Manager–Verizon, 125 High Street, Room 1134, Boston, MA 02110.

2.3.3	Safety and Technical Standards
A.	The CLEC's facilities shall not physically, electronically, or inductively interfere with the Telephone Company's or other CLEC's facilities and must comply with the appropriate technical specifications.

2.3.4	Insurance
A.	The CLEC shall, at its sole cost and expense, procure, maintain, pay for and keep in force the following insurance, underwritten by insurance companies licensed to do business in the State of New Hampshire having a best insurance rating of at least AA-12.
1.	Comprehensive general liability coverage on an occurrence basis in an amount of two million dollars combined single limit for bodily injury and property damage, with a policy aggregate of two million dollars. Said coverage shall include the contractual, independent contractors' products/completed operations, broad form property and personal injury endorsements.
2.	Umbrella/excess liability coverage in an amount of five million dollars excess of coverage contained in the general liability policy.
3.	All risk property coverage on a full replacement cost basis insuring all of the CLEC's real and personal property situated on or within the Telephone Company's locations. The CLEC may also elect to purchase business interruption and contingent business interruption insurance.
4.	Statutory workers' compensation coverage; and employer's liability coverage in an amount of two million dollars.

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.4	Insurance
B.	The Telephone Company shall be named as an additional insured on all applicable policies as specified in general liability and excess liability policies, and shall be named as loss payee (as its interest may appear) on all applicable risk property policies.
C.	The limits governing the general and excess liability provisions above may be increased by the Telephone Company from time to time upon prior written notice, to at least such minimum limits as shall then be customary with respect to comparable situations within the existing Telephone Company buildings.
D.	All policies purchased by the CLEC shall be deemed to be primary and not contributing to or in excess of any similar coverage purchased by the Telephone Company.
E.	All insurance must be in effect on the occupancy date and shall remain in force as long as the CLEC's facilities remain within any spaces governed by the arrangement. If the CLEC fails to maintain the coverage, the Telephone Company may pay the premiums thereon and seek reimbursement of same from the CLEC. The CLEC shall arrange for the Telephone Company to receive thirty days advance notice of cancellation, modification, or renewal of the policy from the CLEC's insurance company. Notices should be forwarded to the following Telephone Company contact at the following location.
1.	Collocation Project Manager–Verizon, 125 High Street, Room 1134, Boston, MA 02110.
F.	The CLEC must also conform to the same recommendation made by the Telephone Company's insurance companies to which the Telephone Company has already agreed or to which it shall hereafter agree.
G.	Nothing contained herein shall relieve the CLEC from liability that may exist as a result of damage from fire or other casualty. Notwithstanding the foregoing, each party shall look first to any insurance in its favor before making any claim against the other party for recovery for loss or damage resulting from fire or other casualty, and to the extent that such insurance is in full force and collectible to the extent permitted by law, the Telephone Company and the CLEC each hereby releases and waives all right of recovery against the other or any one claiming through or under each of them by way of subrogation or otherwise.
1.	The foregoing release and waiver shall be in force only if both releasors' insurance policies contain a clause providing that such a release or waiver shall not invalidate the insurance and also, provided that such a policy can be obtained without additional premiums. The CLEC acknowledges that the Telephone Company will not carry insurance on the CLEC's furniture and/or furnishings or any fixtures or equipment, improvements, or appurtenances removable by the CLEC and agrees that the Telephone Company will not be obligated to repair any damage thereto or replace the same.

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.4	Insurance
H.	**Self Insurance**— If the CLEC's net worth exceeds one-hundred million dollars, the CLEC may elect to self insure in lieu of obtaining any of the insurance required as specified in Section 2.3.4. If the CLEC self insures, the CLEC shall furnish to the Telephone Company, and keep current, evidence of such net worth that is attested to by one of the corporate officers. If the CLEC self insures, the CLEC shall release, indemnify, and hold the Telephone Company (and the Telephone Companies affiliates and personnel) harmless against all losses, costs (including reasonable attorney fees), damages, and liabilities resulting from claims (including without limitation claims alleging negligence or breach of contract by the Telephone Company or by Telephone Company affiliates and personnel) that would have been within the scope of such insurance had the vendor not elected to self insure.

2.3.5	Inspections
A.	The CLEC is responsible for providing a contact number that is readily accessible twenty-four hours a day, seven days a week. The CLEC will provide emergency access to its multiplexing node and transmitter/receiver space at all times to allow the Telephone Company to react to emergencies, to maintain the space (where applicable) and to ensure compliance with OSHA/Telephone Company regulations and standards related to fire, safety, health, and environmental safeguards. In the event the Telephone Company is required to access the CLEC's multiplexing node on an emergency basis, the Telephone Company will notify the CLEC of such access within twenty-four hours.
B.	The Telephone Company has the right to inspect the completed installation of the CLEC's equipment and facilities. In addition, the Telephone Company may conduct up to twelve routine inspections per year of all or portions of the CLEC's facilities, to determine that occupancies are authorized and installed and maintained in conformance with the required standards. The Telephone Company will provide the CLEC with fifteen days advance notice of non-emergency inspections and the CLEC shall have the right to be present at the time of inspection. The Telephone Company will notify the CLEC in writing of any outside agency inspection unless the Telephone Company is not notified in time; in such cases the Telephone Company will notify the CLEC as soon as reasonably possible. The CLEC shall have the right to be present at the time of inspection by the outside agency unless the Telephone Company is not notified in advance of such inspections. The CLEC will be charged for such inspections if the Telephone Company finds a violation of these terms and conditions. Applicable time and material charges associated with such inspection will apply.

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.5	Inspections
C.	If at any time the Telephone Company reasonably determines that the CLEC's facilities or equipment or the installation of the CLEC's facilities or equipment do not meet the required standards, the CLEC will be responsible for the costs associated with the removal of such facilities or equipment or modification of the facilities or equipment or installation thereof to establish compliance. If the CLEC fails to correct any noncompliance with these standards within fifteen days' written notice to the CLEC, the Telephone Company may have the facilities or equipment removed or the condition corrected at the CLEC's expense.
D.	If at any time the Telephone Company reasonably determines that the CLEC's facilities or equipment or the installation of the CLEC's facilities or equipment do not meet the required standards, the CLEC will be responsible for the costs associated with the removal of such facilities or equipment or modification of the facilities or equipment or installation thereof to establish compliance. If the CLEC fails to correct any noncompliance with these standards within fifteen days' written notice to the CLEC, the Telephone Company may have the facilities or equipment removed or the condition corrected at the CLEC's expense.
1.	When such conditions do not pose an immediate threat to the safety of the Telephone Company's employees, interfere with the performance of the Telephone Company's service obligations, or pose an immediate threat to the physical integrity of the conduit system or the cable facilities of the Telephone Company, the Telephone Company will provide the CLEC fifteen days written notice to correct the condition.
2.	When such conditions pose an immediate threat to the safety of the Telephone Company's employees or others, interfere with the performance of the Telephone Company's service obligations, or pose an immediate threat to the physical integrity of the roof, the walls or the cable facilities of the Telephone Company, the Telephone Company may perform such work and/or take such action that the Telephone Company deems necessary without prior notice to the CLEC.
3.	The CLEC is responsible for time and material charges associated with the cost of this work and/or actions.
E.	The CLEC is responsible for engineering the power consumption in its collocation arrangements and therefore must consider any special circumstances in determining the fused capacity of each feed. The Telephone Company will engineer the power feeds to the collocation arrangement in accordance with industry standards based upon requirements ordered by the CLEC in its collocation application. Any subsequent orders to increase the DC power load at a collocation arrangement must be submitted on a collocation application. The Telephone Company reserves the right to perform random inspections to verify the actual power load being drawn by a collocation arrangement. At any time, without written notice, the Telephone Company may measure the DC power drawn at an arrangement by monitoring the Telephone Company's power distribution point. In those instances where the Telephone Company needs access to the collocation arrangement to make these measurements, the Telephone Company will schedule a joint meeting with the CLEC. (C) (C)
1.	If the inspection reveals that the power being drawn does not exceed the total number of load amps ordered, no further action will apply.

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.5	Inspections	
E.	(Continued)	
2.	If the inspection reveals that the power being drawn is within the applicable buffer zone, as defined in this subsection, that arrangement is subject to the following treatment.	(C) (C)
a.	The Telephone Company will provide the CLEC with written notification, by certified US mail to the person designated by the CLEC to receive such notice, that more power is being drawn than was ordered. Within ten (10) business days of the date of receipt of notification, the CLEC must reduce the power being drawn to match its ordered load or revise its power requirement to accommodate the additional power being drawn. The Telephone Company will accept a certification signed by a representative of the CLEC that power consumption has been reduced to match the ordered load. Failure to reduce the power being drawn or submit a revised application within ten (10) business days will result in an increase in the amount of power being billed to the audited load amount.	(T) (C) (C)
b.	For a collocation arrangement that has 100 amps or less fused, the buffer zone for the first two violations during a consecutive twelve (12) month period will be 120% of load, as long as the second violation is not for the same collocation arrangement as the first. For any subsequent violations, or if the second violation is for the same collocation arrangement, and for any violation where the collocation arrangement has more than 100 amps fused, the buffer zone will be 110% of load.	(N) (N)
3.	If the first inspection reveals that the power being drawn is greater than the applicable buffer zone specified in 2.3.5.E.2.b preceding, that arrangement is subject to the following treatment.	(C)
a.	The Telephone Company will notify the person designated by the CLEC to receive such notice via telephone or e-mail that the Telephone Company will take a second measurement no sooner than one (1) hour and no later than two (2) days after the initial inspection. The Telephone Company will not wait for the CLEC or require it to be present during the second inspection.	(C)
b.	The Telephone Company will assess the miscellaneous collocation power service charge for performing this inspection.	
c.	The CLEC may perform its own inspection at the CLEC's cage. The CLEC is not required to wait for the Telephone Company or require it to be present during the CLEC test. Upon request of the CLEC, the Telephone Company will send a representative to accompany the CLEC to conduct a joint inspection at the CLEC cage at no charge to the CLEC. Nothing herein shall be construed to prohibit the CLEC from testing at its own cage. The CLEC will send the results of its own audit measurements to the Telephone Company if they are taken in response to a notice of violation under this section and if the CLEC's measurements differ from the Telephone Company's.	(C)
d.	If the second test also exceeds the applicable buffer zone, the Telephone Company will provide the CLEC with written notification, within ten (10) business days, by certified US mail to the person designated by the CLEC to receive such notice that it has exceeded its ordered power. The notification will include: (1) initials or identifying number of the Telephone Company technician(s) who performed the inspection; (2) dates and times of the inspections; (3) the make, model and type of test equipment used; (4) the length of monitoring and the results of the specific audit; (5) the total load amps currently being billed; (6) how the test was done; and (7) any other relevant information or documents.	(C)

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.5 Inspections

E. (Continued)

e. The Telephone Company will maintain a file of results taken of any inspections for two (2) years and such file will be made available to the CLEC that was audited, upon request. The Telephone Company will treat as confidential information the identity of CLECs that it audits as well as the results of such audits, unless it receives prior written consent of the affected CLEC to disclose such information. The foregoing does not preclude the Telephone Company from making the notice described in paragraph f. following. (N)

f. If the CLEC disagrees with the results of the audit, it will first notify the Telephone Company. The Telephone Company and the CLEC will make a good faith effort to resolve the issue. If the parties do not resolve the issue, either party can invoke the dispute resolution process in the expedited or "fast track" Commission arbitration pursuant to the method awarded and described in Issue 4 and further detailed in Issue 29 of the Arbitrator's Final Report to the Commission in DE 96-252, dated November 15, 1996, as approved by the Commission in Order No. 22,433 issued December 2, 1996. The dispute resolution process can be initiated by either party after thirty (30) calendar days have elapsed. This period commences: (1) ten (10) business days from receipt of the notification, in the case of violation within the buffer zone; or (2) after the CLEC has received notice of the second test, in the case of a violation over the buffer zone.

g. With the notification required by subparagraph E.3.d., the Telephone Company will also notify the CLEC that it must submit a non-scheduled attestation of the power being drawn at each of its remaining collocation arrangements. The CLEC must submit this non-scheduled attestation within fifteen (15) business days of the date of this notification. Failure to submit this non-scheduled attestation will result in the application of the miscellaneous collocation power service charge for any subsequent DC power inspections the Telephone Company performs prior to receipt of the next scheduled attestation. Scheduled attestations are defined in Section 2.3.5F.

4. If the inspection reveals that the power being drawn is greater than the applicable buffer zone, then the penalty will be as follows.

a. For the first such violation within the same consecutive twelve (12) month period, the CLEC will be billed the audited load amount for four (4) months. The CLEC will pay a separate and additional penalty to be donated to the American Red Cross, measured as the difference between the billing of the fused capacity and the billing at the audited load for four (4) months. The CLEC must send notice of its payment to the American Red Cross to the Telephone Company within ten (10) calendar days of making the payment.

b. For the second such violation within the same consecutive twelve (12) month period, the CLEC will be billed the audited load amount for five (5) months. The CLEC will pay a separate and additional penalty to be donated to the American Red Cross, measured as the difference between the billing of the fused capacity and the billing at the audited load for five (5) months. The CLEC must send notice of its payment to the American Red Cross to the Telephone Company within ten (10) calendar days of making the payment. (N)

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.5	Inspections	
E.4.	(Continued)	
c.	For the third such violation within the same consecutive twelve (12) month period, the CLEC will be billed the audited load amount for six (6) months. The CLEC will pay a separate and additional penalty to be donated to the American Red Cross, measured as the difference between the billing of the fused capacity and the billing at the audited load for six (6) months. The CLEC must send notice of its payment to the American Red Cross to the Telephone Company within ten (10) calendar days of making the payment.	(N)
d.	For more than three (3) violations within the same consecutive twelve (12) month period, the Telephone Company will bill at the fused amount for a minimum of six (6) months and continue to bill at the fused amount until an updated attestation or augment specifying revised power is received, and nothing will be paid to the American Red Cross.	
e.	The Telephone Company will notify the CLEC that it is being billed under a penalty situation, designating the applicable number of months and also calculating the penalty donated to the American Red Cross, under the provisions set forth preceding. The Telephone Company will provide a copy of the CLEC notification to the PUC, under seal.	
5.	At the conclusion of any dispute resolution proceeding in which the Telephone Company receives a favorable ruling, the above penalties (including the revised billing) will be self-executing. The Telephone Company will notify the PUC of the violation as described in 4.e, but no PUC action or approval is needed to begin the revised billing and for the separate and additional penalty to be paid to the American Red Cross.	
6.	If the CLEC has requested a power augment under which the audited amount would be within the augmented load, plus the applicable buffer zone, and the augment is late due to the fault of the Telephone Company, the penalty would not be imposed and the parties will not count this instance for purposes of determining what type of penalty to impose under 4e. preceding.	(N)
F.	**Scheduled Attestations**— Annually, the CLEC must submit a written statement signed by a responsible officer of the company which attests that it is not exceeding the total load of power as ordered on the collocation application. This attestation, which must be received by the Telephone Company no later than the last day of June, shall individually list all of the CLEC's completed collocation arrangements provided by the Telephone Company in New Hampshire. If the CLEC fails to submit this written statement by the last day in June, the Telephone Company will notify the CLEC in writing that it has thirty (30) calendar days to submit its power attestation. Failure to submit the required statement within the thirty (30) calendar day notice period will result in the billing of DC power at each collocation arrangement to be increased to the total number of amps fused.	(X) (C) (C) (C) (X)

2. Physical Collocation
2.3 Responsibility of the CLEC

2.3.6	Technical Specifications	(X)
A.	CLEC equipment which is not on the Telephone Company's list of approved products for central office equipment, must fully comply with NEBS, GR-63-CORE, GR-1089-CORE, IP-72201, workmanship requirement profile and the Telephone Company's central office, engineering, environmental and transmission standards as they relate to fire, safety, health, environmental safeguards, or interference with the Telephone Company's services or facilities.	(X)
B.	CLEC equipment and installation of the CLEC's equipment must also comply with IP-72201. All CLEC entrance facilities and splices must comply with GR-20-CORE, NX620020912NY, NX620020911NY, NX620020913NY, and NY620020910NY, as they relate to fire, safety, health, environmental safeguards or interference with Telephone Company services or facilities.	
C.	CLEC facilities shall be placed, maintained, relocated or removed in accordance with the applicable requirements and specifications of the current edition of NIP -74171, NEC, NESC, OSHA, and any governing authority having jurisdiction.	
D.	The equipment located in, on or above the exterior walls or roof of the Telephone Company's building must either be on the Telephone Company's list of approved products or comply with GR-63-CORE, GR-1089-CORE and NIP-74171. This equipment must also fully comply with IP-72201, and central office engineering environmental and transmission standards as they relate to fire, safety, health, environmental safeguards, or interference with Telephone Company service or facilities.	
E.	Where a difference may exist in the technical specifications, the more stringent shall apply.	
F.	The Telephone Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or GR-1089-CORE.	
G.	CLEC equipment must conform to the same specific risk/safety/hazard standards which the Telephone Company imposes on its own central office equipment as defined in RNSA-NEB-95-0003, revision 8 or higher. CLEC equipment is not required to meet the same performance and reliability standards as the Telephone Company imposes on its own equipment as defined in RNSA-NEB-95-003, revision 8 or higher.	
H.	The CLEC may install equipment that has been deployed by the Telephone Company for five years or more with a proven safety record.	

2. Physical Collocation
2.4 Joint Planning and Implementation

2.4.1	Description	
A.	Upon receipt of a completed application, the collocation schedule will include the costs for normal space conditioning (i.e., 25, 100 or 300 square foot nodes) work, along with an estimate for any applicable special construction charges. Work required, or requested, by the CLEC after the initial installation will be handled on an ICB basis.	(C) (C)
B.	The Telephone Company will calculate costs on a fully allocated time and materials basis, for any agreed special construction work undertaken on behalf of the CLEC, and vendor charges. Occupancy for all spaces will be granted upon completion of the normal space conditioning work, including cut-down of Telephone Company cabling at the POT based on the requested DS3, DS1, and VG interconnections identified by the CLEC in the application for collocation.	(C) (C)
C.	Prior to the CLEC beginning the installation of its equipment, the CLEC must sign the Telephone Company work completion notice, indicating acceptance of the collocation arrangement construction work and providing the Telephone Company with a security fee, if required. Payment is due within thirty days of bill date. The CLEC may not install any equipment or facilities in the collocation arrangement until after the receipt by the Telephone Company of the Telephone Company work completion notice and any applicable security fee. In case of extended intervals resulting from within the Telephone Company's control or resulting from vendor delays, and provided the necessary security is in place, the Telephone Company will permit the CLEC access to the collocation arrangement to install equipment while the delayed work is completed, so long as it is safe to do so and the CLEC work does not impair or interfere with the Telephone Company in completing the Telephone Company's work. Prior to the CLEC beginning the installation of its equipment, the CLEC must sign a conditional acceptance of the space by the CLEC. Payment of all additional fees are due within 30 days of the CLEC signing the Telephone Company work completion notice or 30 days after written notice from the Telephone Company that the Telephone Company work is complete.	(C) (C) (N) (N)
D.	Occupancy for all spaces will be granted upon completion of the collocation arrangement construction work. The Telephone Company will begin billing all fees (except for special construction charges) commencing on the occupancy date or thirty days after written notice from the Telephone Company.	
E.	The Telephone Company will make a reasonable effort to place collocation node arrangements in areas of the central office requiring the minimum amount of site preparation cost possible, where space is available. In the event that demand for collocation nodes necessitates the construction of a separate room, or conditioned central office space is not available then the Telephone Company will assess special construction charges to recover the Telephone Company's costs for special construction work.	

2. Physical Collocation
2.4 Joint Planning and Implementation

2.4.1	Description
F.	The CLEC will be responsible for any nonrecurring costs incurred by the Telephone Company for special construction. Such costs will be calculated on a time and materials basis (refer to Section 2.5.8).
1.	Special construction charges will be billed to the CLEC on a first installment and final bill basis. The Telephone Company will bill the CLEC for a first installment which equates to 50% of the total estimate of the charges. Payment of the first installment is due prior to the commencement of the actual construction. A final bill will be rendered based on the actual costs and charges incurred by the Telephone Company. The final bill is to be paid by the CLEC within 30 days of the bill date, but no sooner than the Telephone Company's completion of the actual construction.
2.	The Telephone Company will render a final bill to reconcile any special construction charge estimates with the actual charges when those charges become known.

2.4.2	Space Limitations	
A.	When space is unavailable for physical collocation, the Telephone Company will post a list of all such sites on its website and will update the list within ten calendar days of the date at which a central office runs out of collocation space.	(C)
B.	When sufficient space is not available to accommodate a Physical Collocation request at a Telephone Company central office, the Telephone Company will allow CLECs to tour the entire premises, without charge, within an additional ten calendar days of the tour request upon signing a confidentiality agreement. Where requests from multiple CLECs are denied for the same Telephone Company central office, the Telephone Company may coordinate tours of the Telephone Company central offices with the CLECs and the PUC. Such tour will not be restricted to the room in which space was denied but may include the entire central office. The Telephone Company will provide the PUC with floor plans, future use information, etc., as may be requested by the PUC.	(C) | (C)
1.	If a Telephone Company central office has been deemed by the PUC to be space exempt due to space exhaustion, no further tours will be given unless conditions affecting space availability have changed (e.g., equipment removal) unless requested by the PUC.	
2.	The Telephone Company will provide an escort who will be able to answer questions regarding present and future use of space, and will provide construction plans for empty space upon PUC request.	

2.4.3	Removal of Obsolete Equipment
A.	Upon reasonable request of a CLEC or upon the order of the PUC, theTelephone Company will remove obsolete unused equipment.

2. Physical Collocation
2.4 Joint Planning and Implementation

2.4.3	Removal of Obsolete Equipment
B.	The Telephone Company will review requests to remove equipment on a case by case basis and will be responsible to prove to the PUC that equipment is not unused or obsolete.

2. Physical Collocation
2.5 Splitter Arrangements (T)

2.5.1	Description (N)
A.	A CLEC must install and connect a splitter arrangement before submitting an order for a line sharing arrangement. In a line sharing arrangement, Telephone Company provided dial tone is routed through a CLEC-provided splitter.
1.	The splitter must be ANSI T1.413 or multiple virtual line compliant. Technical specifications described in Part E, Section 2.3.6 also apply.
B.	The following splitter arrangement options are available to CLECs.
1.	**Option A (Splitter in CLEC Physical Collocation Arrangement)**–The CLEC may install a splitter in either a new or existing physical collocation arrangement. The CLEC will be responsible for any rearrangements or augments to the physical collocation arrangement (i.e., additional terminations to the POT bay). The CLEC must maintain the splitter.
a.	The CLEC must notify the Telephone Company when it will access line sharing through this option and provide the Telephone Company with any required information.
2.	**Option C (Splitter in Telephone Company Area))**–The splitter is installed (mounted) in a relay rack between the POT bay and the main distribution frame by the Telephone Company. The Telephone Company will inventory and maintain the splitter in Telephone Company space within the same serving end office as the physical collocation arrangement. The demarcation point is at the splitter end of the cable connecting the CLEC physical collocation arrangement and the splitter. Cabling will be installed by the Telephone Company with the splitter as part of a collocation augment.
a.	An Option C splitter arrangement generally consists of one shelf in which splitter cards capable of supporting 96 lines are installed. Cabling must be ordered in increments of 200 pairs.
b.	The Telephone Company will provide a splitter inventory to the CLEC upon completion of the required splitter installation. (N)

2. Physical Collocation
2.6 Application of Rates and Charges

2.6.1	Application Fee
A.	For establishment of a multiplexing node the CLEC is responsible to pay an upfront payment. (C)

2.6.2	Space Conditioning
A.	Space conditioning charges apply based on the square footage of the actual node (i.e., 25 sq.ft., 100 sq.ft., 300 sq.ft.). An additional square foot charge applies per each 20 square feet added to the 100 sq. ft. node arrangement.

2.6.3	Occupancy
A.	**Building Expense**— The monthly rate applies per square foot.
B.	**POT Bay Frame**
1.	The POT bay frame NRC applies for the investment and/or the installation of the POT bay frame in accordance with the following option chosen by the CLEC. An NRC does not apply when the CLEC purchases and installs a POT bay within the confines of the CLEC multiplexing node.
a.	**Option 1**— The Telephone Company provides for the material and installation.
b.	**Option 2**— The CLEC provides the material and transfers ownership to the Telephone Company for the sum of one dollar. The Telephone Company installs the equipment.
c.	**Option 3**— The CLEC provides the material and installs the equipment within the multiplexing node.
2.	For Options 1 and 2, a monthly rate applies per bay of equipment installed in the common area.
C.	**DC Power**— Applies for the provision of –48V DC protected power required by the CLEC equipment in the multiplexing node. The power rate is assessed per load amp based on the total number of load amps ordered on each feed (greater than 60 amps, or less than or equal to 60 amps).

2.6.4	Service Access Charge (SAC)
A.	**SAC POT Bay Termination** Applies per termination and is used for the connection of the Telephone Company POT bay to the Telephone Company equipment location(s). It is assessed on a per termination basis and is added coincident with connection of each unbundled network element to the collocation arrangement. This rate applies when the Telephone Company provides the POT bay.

2. Physical Collocation
2.6 Application of Rates and Charges

2.6.4	Service Access Charge (SAC)
B.	**SAC Cable and Frame Termination—** Applies per termination and is used for the connection of the Telephone Company cables and frame terminations. It is assessed on a per termination basis and is added coincident with connection of each unbundled network element to the collocation arrangement.

(X)

2.6.5	Cable Placement and Splicing
A.	Hourly rates apply per Telephone Company technician/engineer, for pulling the cable from manhole zero to the splice point. The technician's/engineer's time is multiplied by the appropriate labor rates contained in Part M.
B.	Time and materials charges also apply for conduit and the cable rack associated with cable pull and splice work when the cable is extended from manhole zero to the multiplexing node.
C.	When contracted outside labor is provided in association with cable pull and splice work (e.g., police), the Telephone Company will bill the CLEC for all such labor charges which may be incurred.

2.6.6	Escorting
A.	NRCs apply when a CLEC requests an escorted visit to its collocation space during the construction phase.
B.	NRCs apply when a CLEC requires escorted access to the Telephone Company premises that is outside the secured access to the multiplexing node.
C.	When the Telephone Company provides a qualified representative to accompany a CLEC in all manhole locations, time and materials charges apply.

2.6.7	Conduit
A.	Conduit fees apply from the serving wire center manhole to the collocated customers cage for the conduit and the conduit space. Charges apply monthly, per foot/per duct and per half duct.

2.6.8	Prorating of Special Construction Charges
A.	The CLEC will be responsible for any nonrecurring costs incurred by the Telephone Company for special construction. Such costs will be calculated on a time and materials basis and passed through dollar-for-dollar to the CLEC. When appropriate, special construction charges will be prorated to CLECs based upon the relationship of their assigned square footage to the total assignable square feet made available through the special construction project.

(X)

2. Physical Collocation
2.6 Application of Rates and Charges

2.6.9	Taxes
A.	The CLEC is responsible to reimburse the Telephone Company for any taxes that are levied except for income taxes on the Telephone Company resulting from transactions associated with physical collocation.

2.6.10	Site Survey/Report Fee
A.	An NRC applies per request, per central office. If a CLEC submits an application for physical collocation within thirty days of receipt of the site/survey report, 50% of this fee will be applied to the CLEC's application fee.

2.6.11	Security Access Cards	
A.	The security access card NRC is assessed either per card, or for each five security access cards provided to the CLEC, as appropriate.	(C) (C)

2.6.12	Miscellaneous Collocation Power Service Charge
A.	Whenever the Telephone Company is required to perform work on a collocation arrangement as a result of a CLEC's order for a reduction in power requirements (e.g., change in fuse size), the Telephone Company will assess an NRC. The NRC applies for the first half hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escort under Part M, Section 5.2.6 of this tariff. If a CLEC orders a power reduction prior to June 5, 2001, where only a change in the fuse size is necessary, the Telephone Company will waive this NRC. This rate will also apply when the Telephone Company performs power inspections revealing a violation.
B.	If a CLEC orders a change in the power configuration requiring new –48V DC power feeds to the collocation arrangement, the Telephone Company will assess an NRC. In addition, if a CLEC's order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the Telephone Company will assess an NRC. The Telephone Company will work cooperatively with the CLEC to configure the new power distribution cables and disconnect the old ones.
1.	The NRC applies for the first half hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escort under Part M, Section 5.2.6 of this tariff.

3. Virtual Collocation
3.1 General

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 and Part E, Sections 1 and 2 apply in addition to the regulations contained in this section. Rates and charges for service explained herein are contained in Part M, Section 5.3.

3.1.1	Description
A.	Virtual collocation is whereby the Telephone Company installs CLEC-provided equipment (which is dedicated exclusively to the CLEC) in a Telephone Company central office. Virtual collocation is provided by means of splicing the CLEC's fiber optic cable to a Telephone Company fiber at a splice point in the central office designated by the Telephone Company, or by means of other transport leased from the Telephone Company or from a third party.
1.	Virtual collocation is available at other Telephone Company facilities, where technically feasible, for interconnection or access to unbundled elements. Access to unbundled elements is accomplished using distributing frame appearances of the central office based equipment.
a.	The physical point of interface for connection to the virtual arrangement is referred to as manhole zero. The Telephone Company shall maintain the fiber from manhole zero, into the central office. The fiber facilities outside of and leading up to the Telephone Company central office's manhole zero is referred to as outside plant.
2.	All services are connected to the output cables of the virtual arrangement using Telephone Company designated cable assignment (i.e., not channel assignments).
B.	Virtual collocation is provided subject to the availability of suitable central office space and facilities.
C.	Virtual collocation will be offered via a standard arrangement of OC3, OC12, OC48 and lite-span with connections to services/elements at DS1 and DS3 electrical connections at DSX bays. The appropriate number of each type of connection will be set at the time of the original order and installation.

3.1.2	Implementation Intervals and Planning	
A.	The Telephone Company and the CLEC shall work cooperatively to jointly plan the implementation milestones. The Telephone Company 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.	(C) (C)
1.	The Telephone Company will notify the CLEC of issues or unanticipated delays as they become known.	(N)
2.	The Telephone Company and the CLEC shall conduct additional joint planning meetings, as reasonably required, to ensure all known issues are discussed and to address any that may impact the implementation process.	
a.	Planning meetings shall include establishment of schedule, identification of tests to be performed, spare plug-in/card requirements, test equipment, and determination of the final implementation schedule.	(N)

3. Virtual Collocation
3.1 General

3.1.2	Implementation Intervals and Planning	(C)
B.	The implementation interval is 76 business days for all standard arrangement requests which were properly forecast six months prior to the application dates subject to the tariff provisions governing forecasting and capacity. The CLEC shall deliver the virtual collocation equipment to the Telephone Company premises by business day 40. The Telephone Company and the CLEC shall work cooperatively to schedule each site on a priority based order.	(N)
1.	Intervals for non-standard arrangements shall be mutually agreed upon by the Telephone Company and the CLEC.	(N)

3.1.3	Cancellation
A.	The Telephone Company may discontinue an arrangement or cancel an application for an arrangement without incurring any liability, under the following situations.
1.	**Non-Payment—** When a CLEC fails to pay to the Telephone Company any sum owed for more than thirty days beyond the bill date, the Telephone Company may on thirty days advance written notice discontinue the furnishing of any new or existing arrangement.
2.	**Tariff Violation—** When a CLEC violates terms or conditions contained within this tariff, or other tariffs which may be referenced herein, the Telephone Company may on thirty days advance written notice discontinue the furnishing of any new or existing arrangement.
a.	The Telephone Company may without advance written notice, discontinue the furnishing of any new, or existing arrangement when the Telephone Company determines that such violation adversely affects the Telephone Company network or poses harm to Telephone Company personnel, or interferes with the Telephone Company's ability to provide service to other CLECs.
3.	**Violation of Law** The Telephone Company may without advance written notice, discontinue the furnishing of any new, or existing arrangement when the Telephone Company determines that the CLEC has violated any law, rule or regulation of any governing authority.
4.	When the Telephone Company is prohibited from furnishing virtual collocation, by order of a court or other governing authority.
B.	The CLEC may cancel or withdraw its application prior to turn-up, subject to the provisions of Section 3.4.2B.

3.1.4	Transmission Failure
A.	In the event of a transmission failure, the obligation to determine fault location, regardless of whether the fiber span is equipped with optical regeneration equipment, lies with the transmitting end. It is the responsibility of the receiving end to report incoming signal loss to the transmitting end.

3. Virtual Collocation
3.2 Responsibility of the Telephone Company

3.2.1	Accommodations
A.	Upon receipt of a completed virtual collocation application and the accompanying application fee, the Telephone Company will conduct an application review, an engineering review and a site survey at the requested central office. The Telephone Company will notify the CLEC of the results of the reviews and the survey within eight business days. (C)
B.	The Telephone Company will retain project management responsibility and authority related to actual installation work done in the central office (i.e., decisions as to specific location of the equipment bay, termination panel appearance assignments, etc.).
C.	The dedicated terminal equipment inside the Telephone Company's central office will be handled in one of the following methods.
1.	For virtual collocation arrangements established prior to August 16, 2000, it will be provided by the CLEC and ownership transferred to the Telephone Company for the sum of one dollar ($1.00). The Telephone Company will own and operate this equipment inside the central office. After successful installation and equipment testing by Telephone Company engineering, an asset transfer record will be made and both the Telephone Company and the CLEC will sign and retain a copy. A transfer record will also be made for the portion of the Telephone Company owned cable between manhole zero and the central office splice. On August 16, 2000, Telephone Company ownership of the dedicated terminal equipment provided by the CLEC will be converted to an operating lease.
2.	For virtual collocation arrangements in effect or established after August 16, 2000, it will be provided by the CLEC and leased to the Telephone Company for the sum of one dollar ($1.00). The term of the operating lease will run for the duration of the virtual collocation arrangement, at which time the CLEC will remove the equipment. The CLEC will retain ownership of this equipment. The Telephone Company will exercise exclusive physical control over this equipment. The cabling between manhole zero and the central office splice will be included in the operating lease.
D.	The Telephone Company exercises exclusive control over the central office based equipment that terminates the CLEC's circuits. The Telephone Company is responsible for installing, maintaining (but not testing), and repairing the dedicated equipment, at the direction of the CLEC so as to assure proper operation of the virtually collocated facilities and equipment.
1.	The Telephone Company will install, maintain and repair the CLEC equipment in the same manner as it performs similar functions for comparable Telephone Company equipment.

3. Virtual Collocation
3.2 Responsibility of the Telephone Company

3.2.1	Accommodations
E.	The Telephone Company shall monitor local central office and environmental alarms to support the equipment to the same extent that the Telephone Company monitors its own similar equipment. The Telephone Company will notify the CLEC if a local office alarm detects an equipment affecting condition.
1.	The Telephone Company will not provide maintenance or service activities without the CLEC's direct instruction and authorization. All physical servicing of the equipment will be done by the Telephone Company or its agents.
F.	The Telephone Company will process and prioritize the trouble tickets in the same manner as it does for its own equipment, including the dispatch of a technician to the equipment. The technician will contact the CLEC at the number provided and service the equipment as instructed and directed by the CLEC.
G.	The Telephone Company will be responsible for pulling the fiber into and through to the cable entrance facility to the splice point, and will provide and mount the appropriate splice enclosure or shelf supplied by the CLEC, if required. All installations into the cable entrance facility are performed by Telephone Company personnel.
H.	Until all necessary training has been completed (refer to Section 3.3.3), the Telephone Company cannot designate the virtual arrangement as ready for service.
I.	CLECs who require a connection to Telephone Company optical services or elements will be provided an optical path from the fiber distribution frame. These service elements will be cross-connected at the fiber distribution frame using a transmit and receive fiber. The connection may not be purchased without direct association to an offered service or element, within the terms and conditions that apply for such service or element.

3.2.2	Plug-Ins and Spare Cards
A.	The Telephone Company will notify the CLEC of defective plug-ins.
1.	The Telephone Company will not provide spare cards.
2.	The Telephone Company is not responsible for any adversities which may occur due to the CLEC's failure to provide an adequate supply of plug-ins/cards or replacements.
B.	The Telephone Company will segregate and secure the CLEC-provided maintenance spares in the CLEC-provided spare plug-in/card cabinet.
C.	When the Telephone Company determines that a plug-in/card is defective, the Telephone Company will label the item as defective and place it in the CLEC-provided storage cabinet.

3. Virtual Collocation
3.2 Responsibility of the Telephone Company

3.2.3	Safety and Technical Standards
A.	The Telephone Company reserves all rights to terminate, modify or reconfigure an arrangement in the event that the CLEC's service is not in conformance with the regulations contained in this tariff, or if the arrangement imposes threat of harm or continued disruption upon the Telephone Company's network, or otherwise interferes with or adversely affects the Telephone Company's network, the safety of its employees, or if the arrangement interferes with the Telephone Company's ability to provide service to other CLECs.
1.	Modification or reconfiguration includes but is not limited to, the Telephone Company's re-splicing of the CLEC-owned portion of the cable to another Telephone Company fiber optic cable.

3. Virtual Collocation
3.3 Responsibility of the CLEC

3.3.1	Ordering Service
A.	CLEC's must request virtual collocation through their Telephone Company point of contact. The point of contact will provide the CLEC a virtual collocation application through which they must convey their requirements and specify equipment to be installed in the central office.
1.	Completed applications must be sent to the Telephone Company at the following address.
a.	Collocation Project Manager–Verizon, 125 High Street, Room 1134, Boston, MA 02110.
B.	Applications are required when the CLEC requests that the Telephone Company provide for any of the following requirements.
1.	**Initial Arrangement**— The CLEC's initial request for a virtual collocation arrangement at a Telephone Company premises.
2.	**Subsequent Arrangement**— When a CLEC requests subsequent equipment additions to its existing virtual collocation arrangement.
3.	**Augment-Rearrangement of Equipment**— When the CLEC requests cabling for an existing virtual collocation arrangement that was partially cabled and equipped.
4.	**Software Upgrades/Additional Cards per Shelf**— Upgrading existing software or to replace cards. Adding cards to partially equipped equipment requires a full complement of plug ins. The CLEC must submit a method of procedure detailing the work functions to be performed by the Telephone Company for all software upgrades. All such upgrades will be performed by the Telephone Company at the direction of the CLEC.
C.	The selection and assignment of pairs for specific connections of unbundled elements shall be done by the CLEC as each unbundled element is ordered This assignment information shall be submitted with each unbundled element order.

3.3.2	Placement, Removal and Monitoring of Facilities and Equipment
A.	All cabling from manhole zero to the CLEC's facilities/equipment at the CLEC's premises remains the CLEC's responsibility with the CLEC performing all servicing and maintaining full ownership.
B.	The CLEC has the responsibility to remotely monitor and control their circuits which terminate in the Telephone Company's central office, however, the CLEC is not permitted entry into the Telephone Company's central office under virtual collocation arrangement.

3. Virtual Collocation
3.3 Responsibility of the CLEC

3.3.2	Placement, Removal and Monitoring of Facilities and Equipment
C.	Performance and surveillance monitoring as well as trouble isolation shall be performed by the CLEC. A clear distinction must be made by the CLEC when submitting reports of trouble on the Telephone Company services/elements connected to the virtually collocated equipment and for reports of trouble with equipment itself. Telephone Company technicians will service troubles on the Telephone Company services/elements connected to the virtually collocated equipment in accordance with standard processes. Troubles with equipment in a non-standard arrangement will require specially trained technicians familiar with the equipment (refer to Section 3.3.3).
D.	The CLEC is responsible for obtaining the appropriate licenses which may be required to accommodate the placement of their fiber in manhole zero.
E.	If the CLEC provides its own transport fiber for their virtual arrangement, the CLEC will arrange placement of the fiber into manhole zero, with enough length (as determined by the Telephone Company), to reach the Telephone Company-determined transition splice point where it will be spliced by Telephone Company personnel to Telephone Company provided fire retardant cable.

3.3.3	Use of Non-Standard Equipment
A.	When a CLEC requests that the Telephone Company use specific tools (e.g., electronic test sets), or deploy equipment which the Telephone Company does not normally use to provide service either to itself or to another CLEC, the CLEC arranges for (either directly or indirectly), and incurs all costs and expenses associated with the training of 50% (but no fewer than five) of the Telephone Company's technicians responsible for using such tools and servicing that equipment, and a minimum of four technicians responsible for installation of the equipment.
1.	Training costs and expenses include but are not limited to, tuition, course materials, airfare, public or personal transportation (including IRS rates for personal car mileage), lodging, meals, and technician work time as loaded salary costs for the technician(s) while attending training, and traveling to/from training. The Telephone Company will provide the CLEC appropriate receipts, bills or statements, as proof of expenses.
B.	The Telephone Company will work cooperatively with the CLEC to determine mutually agreeable training and other associated arrangements. When a party other than the equipment vendor conducts such training, the CLEC is responsible to contact the appropriate equipment vendor(s) and secure the equipment vendor's confirmation, either verbally or in writing (prior to the actual training), that the training meets the equipment vendor's certification standards.
C.	In the event of an equipment upgrade, the CLEC is responsible to provide for secondary training as may be necessary, subject to the provisions contained herein.

3. Virtual Collocation
3.3 Responsibility of the CLEC

3.3.4	Additions and Rearrangements
A.	Once the Telephone Company determines that a CLEC has established a virtual collocation arrangement, changes to the existing configuration such as additions and rearrangements, are permitted. Additions and rearrangements include but are not limited to, growing, upgrading, and/or reconfiguring the current equipment.
1.	If a CLEC requests a rearrangement of an existing arrangement, the CLEC must submit a new application outlining the details of the rearrangement, along with the appropriate application fee.
2.	If a CLEC requests that new equipment be added to a previously established virtual collocation arrangement, the CLEC must submit a new application outlining the details of the subsequent equipment addition, along with the appropriate application fee.

3.3.5	Plug-Ins and Spare Cards
A.	The CLEC is responsible to provide the shop-wired piece of equipment fully pre-equipped with working plug-ins/cards. The CLEC shall provide the Telephone Company with maintenance spares for each plug-in/card type. The number of maintenance spares shall be the manufacturer's recommended amount, unless otherwise agreed to by the CLEC and the Telephone Company. In no event shall the number of spare plug-ins be less than two of each type.
1.	The CLEC must test the spares prior to their delivery to the Telephone Company.
B.	The CLEC may elect to partially equip a piece of equipment at the time of initial installation. For any partially equipped piece of equipment, the shelves that are equipped must have a full complement of plug-ins.
C.	In addition to maintenance spares, the CLEC will also provide any unique tools or test equipment required to maintain, turn-up, or repair the equipment.
D.	The CLEC-provided rack mountable spare card cabinets which house the spare cards must meet the specifications of the Telephone Company. The cabinet(s) and a minimum number of maintenance spares must be provided prior to arrangement completion, before service is established.
E.	When notified by the Telephone Company of a defective plug, the CLEC is responsible for providing pre-tested replacement spares to the Telephone Company within one week of receiving the Telephone Company's notice. The CLEC is responsible to contact the appropriate Telephone Company party to arrange for exchange and replacement of the card.

3. Virtual Collocation
3.3 Responsibility of the CLEC

3.3.6	Safety and Technical Standards
A.	CLEC equipment located in a Telephone Company central office must meet the technical standards and safety requirements as specified herein. It is the responsibility of the CLEC to provide the Telephone Company with adequate documentation from an accredited source, certifying that the CLEC's equipment is in compliance with the specified standards and requirements. Should the CLEC not supply documentation or should the documentation be inadequate, the Telephone Company reserves the right to arrange for testing of the CLEC's equipment for purposes of determining compliancy or in order for the Telephone Company to ensure the safety of its personnel, equipment and/or operating network. The CLEC is responsible for all costs incurred by the Telephone Company for such testing.
B.	The CLEC's entrance facilities and splices must comply with GR-20-CORE, TR- NWT-001058, BR-760-200-030, and the blue book manual of construction procedures in SR-TAP-001441, as they relate to fire, safety, health, environmental safeguards and interface with the Telephone Company's services and facilities.
C.	The CLEC's equipment being installed in Telephone Company central offices must comply with GR-63-CORE, GR-1089-CORE, and the Telephone Company's central office environmental and transmission standards in effect at the time of equipment installation. The equipment must also comply with NIP 74165 as they relate to fire, safety, health, and environmental safeguards.
D.	The Telephone Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or GR-1089-CORE.

3. Virtual Collocation
3.4 Application of Rates and Charges

3.4.1	General
A.	The Telephone Company will apply charges and subsequently bill the CLEC upon completion of the installation, (i.e., when the Telephone Company has finished providing all elements of the installation that are under its control). The lack of readiness of the CLEC to utilize the completed arrangement will not impair the right of the Telephone Company to apply charges and commence billing.

3.4.2	Application Fees
A.	In order to process the CLEC's application, the following charges apply as appropriate.
1.	**Initial Arrangement**— This nonrecurring charge applies for a CLEC's initial request for a virtual collocation arrangement at a Telephone Company premises.
2.	**Subsequent Arrangement**— This nonrecurring charge applies when a CLEC requests subsequent equipment additions to its existing virtual collocation arrangement.
3.	**Augment-Rearrangement of Equipment**— When the CLEC requests cabling for an existing virtual collocation arrangement that was partially cabled and equipped, a nonrecurring charge applies. This charge also applies if the CLEC has an existing virtual collocation arrangement that is fully cabled and equipped, and the CLEC requests that the equipment be reconfigured and/or recabled. Rearrangements are subject to this same nonrecurring charge.
4.	**Software Upgrades/Additional Cards per Shelf**— No application fee applies in association with software upgrades or adding cards to partially equipped equipment.
B.	If the CLEC cancels or withdraws its application prior to turn-up, the CLEC is liable for all costs and liabilities incurred by the Telephone Company in developing, establishing, or otherwise furnishing of the arrangement, up to the point that the application was cancelled or withdrawn.
C.	If a CLEC cancels its request prior to installation, the application fee will be refunded, less any costs incurred by the Telephone Company.

3.4.3	Engineering and Implementation
A.	**Initial Arrangement**— This nonrecurring charge applies for a CLEC's initial request for a virtual collocation arrangement at a Telephone Company premises.
B.	**Subsequent Arrangement**— This nonrecurring charge applies when a CLEC requests subsequent equipment additions to its existing virtual collocation arrangement

3. Virtual Collocation
3.4 Application of Rates and Charges

3.4.3	Engineering and Implementation
C.	**Augment-Rearrangement of Equipment—** When the CLEC requests cabling for an existing virtual collocation arrangement that was partially cabled and equipped, a nonrecurring charge applies. This charge also applies if the CLEC has an existing virtual collocation arrangement that is fully cabled and equipped, and the CLEC requests that the equipment be reconfigured and/or recabled. Rearrangements are subject to this same nonrecurring charge.
D.	**Software Upgrades/Additional Cards per Shelf—** This nonrecurring charge applies on a per shelf basis for upgrading existing software or to replace cards.

3.4.4	Installation/Acceptance Testing
A.	This nonrecurring charge provides for the installation of the virtually collocated equipment.
1.	An installation fee will be developed on an individual case basis for CLEC-specified equipment which is non-standard or equipment which cannot be adequately classified as either OC3, OC12, OC48 or lite-span.
B.	The installation charge will be billed to the CLEC on the first bill cycle after completion of the arrangement.
C.	The CLEC is responsible for all expenses associated with licensing, and placing their fiber in manhole zero.

3.4.5	Interconnection Access Charge (IAC)
A.	An IAC nonrecurring charge provides for the cost of engineering, furnishing, and installing the cabling between the collocated equipment and the Telephone Company's distribution/cross connect frames, along with associated termination block or panel. If a non-standard arrangement requires special cabling or equipment, this charge will be adjusted accordingly. There will be a separate NRC assessed at each transmission rate at the time of the equipment installation to recover all costs for materials and installation.
B.	An IAC monthly charge applies per termination for the ongoing support of the cabling and its associated terminations on Telephone Company equipment. The charge is applied on a per termination basis and is added coincident with the connection of each unbundled element to the virtual collocation arrangement. IACs are applied on a per termination basis for connections between the virtual arrangement and the FDF or other distributing frame used depending on the type of equipment installed.

3. Virtual Collocation
3.4 Application of Rates and Charges

3.4.6	Fiber Placement and Splicing
A.	Time and materials charges apply, per Telephone Company technician/engineer, for pulling the fiber from manhole zero to the splice point and performing the splice to Telephone Company provided optical fiber non-metallic riser-related (OFNR) type cable. The technician's/engineer's time is multiplied by the appropriate labor rates contained in Part M.

3.4.7	Entrance Fiber Termination
A.	An entrance fiber termination charge applies for providing and servicing the OFNR-type fibers and associated FDF termination. This also includes the support service for the CLEC-provided, Telephone Company-owned outside plant cable from manhole zero. This monthly charge applies, on a per termination basis in units of twelve strands. This charge also provides for the splice enclosure.

3.4.8	Fiber Distribution Frame (FDF)
A.	The FDF to virtual serving arrangement rate applies per two fibers for the cross connect at the FDF, as well as for the associated cabling to the virtual arrangement. This rate applies only when the CLEC provides their own fiber to the Telephone Company manhole.

3.4.9	Direct Current (DC) Power	
A.	A monthly charge applies for the provision of -48V DC protected power required by the CLEC's equipment. It is assessed per load amp based on the total number of load amps ordered on each feed.	(C) | (C)

3.4.10	Equipment Support
A.	This monthly charge provides for monthly support services, such as the cost of providing rack space, environmental support, central office alarming to directly support the equipment itself. Rack space is comprised of the cost of providing, on a monthly basis, space for the equipment to be mounted, but specifically excludes direct current power and fuse panel. Environmental and building support is also provided for in this charge. The rate applies according to geographic designations.

3. Virtual Collocation
3.4 Application of Rates and Charges

3.4.11	Spare Cabinet
A.	This monthly charge applies for the space required for the spare cabinet. A spare cabinet is required to be placed and installed in the central office to contain spare plug-ins. The cabinet should be provided by the CLEC per the Telephone Company's specifications. The amount of spare plug-ins required will be based on the manufacturer's recommended amount, unless the Telephone Company and the CLEC mutually decide upon another amount. The rate applies according to geographic designations.

3.4.12	Training
A.	When the Telephone Company determines that training of Telephone Company technicians is necessary so as to service CLEC specified equipment that is not used by the Telephone Company in the specified central office (i.e. nonstandard arrangement equipment), the CLEC is responsible for all charges incurred by the Telephone Company in association with technician training. Refer to regulations for use of non-standard equipment.

3.4.13	Maintenance
A.	Maintenance activity (trouble in the equipment) is to be tested, isolated and evaluated by the CLEC. Telephone Company technicians will perform the instructed activities on the equipment as specifically directed by the CLEC. The technician's time spent servicing the virtual arrangement at the CLEC's discretion will be billed to the CLEC on a per occurrence basis, at the appropriate labor rates.

3.4.14	Additional Labor Charges
A.	Whenever work is performed on a virtual arrangement that is not a part of implementing or provisioning a standard virtual arrangement, additional labor charges apply. Additional labor charges include but are not limited to the following examples.
1.	Escort service
2.	Implementation or provisioning a non-standard arrangement
3.	Additions and rearrangements

3.4.15	Late Payment Penalty
A.	Charges specified in Part A, Section 4 apply

3. Virtual Collocation
3.4 Application of Rates and Charges

3.4.16	Miscellaneous Collocation Power Service Charge	(N)
A.	Whenever the Telephone Company is required to perform work on a collocation arrangement as a result of a CLEC's order for a reduction in power requirements (e.g., change in fuse size), the Telephone Company will assess an NRC. The NRC applies for the first half hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escort under Part M, Section 5.2.6 of this tariff. If a CLEC orders a power reduction prior to June 5, 2001, where only a change in the fuse size is necessary, the Telephone Company will waive this NRC. This rate will also apply when the Telephone Company performs power inspections revealing a violation.	
B.	If a CLEC orders a change in the power configuration requiring new –48V DC power feeds to the collocation arrangement, the Telephone Company will assess an NRC. In addition, if a CLEC's order for a reduction in DC power triggers the deployment of power cabling to a different power distribution point, the Telephone Company will assess an NRC. The Telephone Company will work cooperatively with the CLEC to configure the new power distribution cables and disconnect the old ones.	
1.	The NRC applies for the first half hour (or fraction thereof) and each additional quarter hour (or fraction thereof) per technician, per occurrence. The NRC is the same as that specified for escort under Part M, Section 5.2.6 of this tariff.	(N)

4. Microwave Collocation
4.1 General

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 and Part E, Sections 1 and 2 apply in addition to the regulations contained in this Section. Rates and charges for service explained herein are contained in Part M, Section 5.4.

4.1.1	Description
A.	Microwave collocation, which is available where technically feasible, provides for the interconnection of CLEC-provided facilities, equipment and support structures located in, on, or above the exterior walls and roof of those Telephone Company central offices/wire centers.
1.	Microwave collocation is available on a first-come first-served basis.
B.	The microwave equipment may include microwave antennas, mounts, towers or other antenna support equipment on the exterior of the building, and radio transmitter/receiver equipment located either inside or on the exterior of the building. All microwave antennas must be physically interconnected to Telephone Company facilities through the collocation arrangement.
C.	When interconnecting via microwave facilities, transmitter/receiver equipment may be located in the multiplexing node, or in a separate location inside, or on the exterior of the building as determined by the Telephone Company.

4. Microwave Collocation
4.2 Responsibility of the Telephone Company

4.2.1	Accommodations
A.	The Telephone Company will provide space within the cable riser, cable rack support structures and between the transmitter/receiver space and the roof space needed to reach the collocation arrangement (i.e., arrangements specified in Section 1 or Section 2) and to access the Telephone Company point of termination.
1.	Waveguide may not be placed in Telephone Company cable risers or racks.
2.	The Telephone Company reserves the right to prohibit the installation of waveguide, metallic conduit and coaxial cable through or near sensitive equipment areas.
3.	The route of the waveguide and/or coaxial cable as well as any protection required will be discussed during the pre-construction survey.
B.	The Telephone Company will designate the space in, on or above the exterior walls and roof of the central office which will constitute the roof space or transmitter/receiver space.
1.	The Telephone Company may require the CLEC's transmitter/receiver equipment to be installed in a locked cabinet which may be free standing, wall mounted or relay rack mounted.
2.	The Telephone Company may enclose the CLEC's multiplexing node or transmitter/receiver equipment in a cage or room.
C.	At the option of the Telephone Company, the antenna support structure shall be built, owned and maintained by either the Telephone Company or by the CLEC. The Telephone Company reserves the right to use existing support structures for a CLEC's antenna, subject to space and capacity limitations. The Telephone Company also reserves the right to use any unused portion of a support structure owned by a CLEC for any reason, subject to the provisions contained herein. It shall be the responsibility of the owner of the support structure to maintain a record of the net book value of the structure.
1.	When the Telephone Company is the owner of the structure, it shall keep such records in accordance with the FCC's Part 32 uniform system of accounts.
2.	When the CLEC is the owner of the structure, it shall keep such records in accordance with generally accepted accounting principles.
D.	The owner of the support structure shall use reasonable efforts to accommodate requests by other CLECs to use the support structure for microwave interconnection on a first-come first-served basis, subject to the provisions of Section 4.4.

4. Microwave Collocation
4.2 Responsibility of the Telephone Company

4.2.2	Safety and Technical Standards
A.	The Telephone Company reserves the right to remove facilities and equipment from its list of approved products if such products, facilities and equipment are determined to be no longer compliant with NEBS standards or electromagnetic compatibility and electrical safety generic criteria for network telecommunication equipment specified in GR-1089-CORE.
B.	The Telephone Company reserves the right to review wind or ice loadings, etc., for antennas over eighteen inches in diameter or for any multiple antenna installations, and to require changes necessary to insure that such loadings meet generally accepted engineering criteria for radio tower structures.
C.	The minimum height of equipment placement, such as microwave antennas, must be eight feet from the roof.
1.	For masts, towers and/or antennas over ten feet in height, the CLEC or if applicable, the Telephone Company, shall have the complete structure, including guys and supports, inspected every two years by an acceptable licensed professional engineer of its choice specializing in this type of inspection.
2.	For CLEC owned structures that are solely for the use of one CLEC's antenna(s), such inspection will be at the CLEC's own cost and expense.
3.	For structures used by multiple CLECs, the costs associated with such inspection shall be apportioned based on relative capacity ratios. A copy of this report may be filed with the Telephone Company within ten days of the inspection. The owner shall be responsible to complete all maintenance and/or repairs, as recommended by the engineer, within ninety days.

4.2.3	Security
A.	The Telephone Company will permit the CLEC's employees, agents and contractors approved by the Telephone Company, to access the areas where the CLEC's microwave antenna and associated equipment (e.g., tower and support structure, transmitter/receiver equipment, and waveguide and/or coaxial cable) is located, during business hours, for purposes of installation and routine maintenance, provided that the CLEC employees, agents and contractors comply with the policies and practices of the Telephone Company pertaining to fire, safety and security. Such approval will not be unreasonably withheld.
1.	During non-business hours, the Telephone Company will provide access on a per event basis.
2.	The Telephone Company will also permit all approved employees, agents and contractors of CLECs to have access to the CLEC's cable and associated equipment (e.g., repeaters). This will include access to riser cable, cableways, and any room or area necessary for access.

4. Microwave Collocation
4.3 Responsibility of the CLEC

4.3.1	Safety and Technical Standards
A.	The CLEC shall provide written notice to the Telephone Company of any complaint (and resolution of such complaint) by any governmental authority or others pertaining to the installation, maintenance or operation of the CLEC's facilities or equipment located in roof space or transmitter/receiver space. The CLEC also agrees to take all necessary corrective action.
B.	All CLEC microwave equipment to be installed in or on the exterior of the Telephone Company central offices must be on the Telephone Company's list of approved products or equipment that is demonstrated as complying with the technical specifications described herein. Where a difference may exist in the following specifications, the more stringent shall apply.
C.	The CLEC must comply with Telephone Company technical specifications for microwave collocation interconnection specified in NIP-74171, and digital switch environmental requirements specified in NIP-74165, as they relate to fire, safety, health, environmental, and network safeguards, and ensure that CLEC provided equipment and installation activities do not act as a hindrance to Telephone Company services or facilities. The CLEC's equipment placed in or on roof space or transmitter/receiver space must also comply with all applicable rules and regulations of the FCC and the FAA.
D.	CLEC facilities shall be placed, maintained, relocated or removed in accordance with the applicable requirements and specifications of the current edition of NIP-74171, national electric code, the national electric safety code, rules and regulations of OSHA, and any governing authority having jurisdiction.
E.	All CLEC microwave facilities must comply with CEF, BR-760-200-030 and SR-TAP-001421. and the Telephone Company's practices as they relate to fire, safety, health, environmental safeguards, transmission and electrical grounding requirements, or interferences with Telephone Company services or facilities.
F.	The equipment located in, on, or above the exterior walls or roof of the Telephone Company's building must either be on the Telephone Company's list of approved products or fully comply with requirements specified in GR-63-CORE, GR-1089-CORE, and NIP-74171. This equipment must also comply with IP72201 and central office engineering environmental and transmission standards as they relate to fire, safety, health, environmental safeguards, or interference with Telephone Company service or facilities.
G.	Each transmitter individually and all transmitters collectively at a given location shall comply with appropriate federal, state and/or local regulations governing the safe levels of radio frequency radiation. The minimum standard to be met by the CLEC in all cases is specified in ANSI C95.1-1982.

4. Microwave Collocation
4.3 Responsibility of the CLEC

4.3.2	Placement and Removal of Facilities and Equipment
A.	Prior to installation of the CLEC's facilities or transmission equipment for microwave interconnection, the CLEC must obtain at its sole cost and expense all necessary licenses, permits, approvals, and/or variances for the installation and operation of the equipment and particular microwave system, and when applicable for any towers or support structures, as may be required by authorities having jurisdiction.
B.	The CLEC is not permitted to penetrate the building exterior wall or roof when installing or maintaining transmission equipment and support structures. All building penetration will be done by the Telephone Company or a hired agent of the Telephone Company.
C.	Any CLEC's equipment used to produce or extract moisture must be connected to existing or newly constructed building or roof top drainage systems, at the expense of the CLEC.
D.	The CLEC will be responsible for supplying, installing, maintaining, repairing and servicing the following microwave specific equipment regardless of where it may be placed.
1.	Its waveguide, waveguide conduit, and/or coaxial cable, the microwave antenna and associated tower and support structure and any associated equipment; and the transmitter/receiver equipment.

4.3.3	Moves, Replacements or Other Modifications
A.	Where the CLEC intends to modify, move replace or add to equipment or facilities within or about the roof space or transmitter/receiver space(s) and requires special consideration (e.g., use of freight elevators, loading dock, staging area, etc.), the CLEC must request and receive written consent from the Telephone Company. Such consent will not be unreasonably withheld. The CLEC shall not make any changes from initial installation in terms of the number of transmitter/receivers, type of radio equipment, power output of transmitters or any other technical parameters without the prior written approval of the Telephone Company.

4. Microwave Collocation
4.4 Application of Rates and Charges

4.4.1	General
A.	Rates and charges as specified for collocation arrangements described in Sections 2 and 3 apply in addition to the rates and charges specified herein.
B.	Monthly rates for space and cable also apply for microwave collocation. The monthly rate for space applies per square foot of multiplexing node roof space and transmitter receiver space. The monthly rate for cable applies per foot, per innerduct, and is measured based on the point at which the cable enters the building from the roof.

4.4.2	Space and Facilities
A.	Monthly rates, which will be developed on an individual case basis, apply for the space (generally on the central office roof) associated with Telephone Company or CLEC-owned antenna support structures. The rate is calculated using the rate per square foot multiplied by the square footage of the foot print, the product of which is multiplied by the CLEC's relative capacity ratios (RCRs), (i.e., the sum of the RCRs of each of the CLEC's antennas).
1.	Square footage for the footprint will be based on the length times width of the entire footprint formed on the horizontal plane (generally the roof top) by the antenna(s), tower(s), mount(s), guy wires and/or support structures used by the CLEC. For a nonrectangular footprint, the length will be measured at the longest part of the footprint and the width will be the widest part of the footprint.
B.	The owner of the support structure (refer to Section 4.2.1) may charge CLECs proposing to use the structure, on a one-time basis, for the following costs and/or values.
1.	Any incremental costs associated with installing the user's antenna, including but not limited to, the costs of engineering studies, roof penetrations, structural attachments, support structure modification or reinforcement, zoning and building permits.
2.	A portion of the net book value of the support structure based on the RCR of the user's proposed antenna(s) to be mounted on the structure.
a.	A user's RCR represents the percent of the total capacity of the support structure used by user's antenna(s) on the structure. Spare capacity shall be deemed to be that of the owner of the structure. RCRs shall be expressed as a two place decimal number, rounded to the nearest whole percent. The sum of all user's RCRs and the owner's RCR shall at all times equal 1.00.
b.	It shall be the responsibility of the owner of the structure to provide the proposed user the net book value of the structure at the time of the proposed use. Upon request, the owner shall also provide the proposed user accounting records or other documentation supporting the net book value.

4. Microwave Collocation
4.4 Application of Rates and Charges

4.4.2	Space and Facilities
C.	The owner of the structure may not assess other users of the structure any charges in addition to the one-time charge, except that the owner of the structure may assess other users a proportionate share of inspection costs and the Telephone Company may assess microwave CLECs monthly recurring charges for use of its roof space. At the time a CLEC (including the owner) proposes to attach additional antenna(s) to an existing support structure, it shall be the responsibility of that CLEC to obtain, at their cost and expense, an engineering analysis by a registered structural engineer to determine the relative capacity ratio of all antennas on the structure, including the proposed antenna(s).
D.	When a CLEC is the owner of the structure, the proposed user shall pay the owner directly the one-time charge. When the Telephone Company is the owner of the support structure, it shall determine the charge on an individual case basis. In the event that a CLEC who owns the support structure fails to comply with these provisions, at the Telephone Company's option, ownership of the support structure shall transfer to the Telephone Company.
E.	Costs incurred by the Telephone Company to conduct a review for wind or ice loadings (etc.) for antennas over eighteen inches in diameter, or for any multiple antenna installations, and any changes which may be required thereto in order to insure that such loadings meet generally accepted engineering criteria for radio tower structures, will be billed to the CLEC.

4.4.3	Cable Rack
A.	A rate will be developed on an individual case basis which will cover the total length of the coaxial cable or waveguide cable between the multiplexing node and the microwave antenna and/or transmitter receiver space.

4.4.4	Conduit
A.	Conduit fees apply from the serving wire center manhole to the collocated customer cage for the conduit and the conduit space. Charges apply monthly, per foot/per duct and per half duct.

4.4.5	Emergency Power and/or Environmental Support
A.	In the event special work must be done by the Telephone Company to provide emergency power or environmental support to the transmitter/receiver equipment or antenna, the CLEC will be billed time and materials charges which will be developed on an individual case basis for the costs incurred.

4. Microwave Collocation
4.4 Application of Rates and Charges

4.4.6	Escort Service
A.	When a CLEC is escorted by a qualified Telephone Company employee for access to the roof space, transmitter/receiver space, or cable risers and racking for maintenance, nonrecurring charges will apply.

4.4.7	Building Penetration
A.	When building penetration is performed by the Telephone Company, charges will be assessed on an individual case basis. Costs for building penetration will be paid by the CLEC.

5. Interconnection Between Collocated Spaces
5.1 Dedicated Transit Service (DTS)

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 apply in addition to the regulations contained in this Section. Rates and charges for service explained herein are contained in Part M, Section 5.5.

5.1.1	Description	
A.	DTS, which allows for interconnection between CLECs, provides a dedicated electrical or optical path between collocation arrangements (i.e., physical and virtual arrangements), of the same or of two different CLECs in the same Telephone Company central office location, using Telephone Company provided distribution facilities. DTS is available for voice grade, DS1, DS3/STS-1 and dark fiber cross connects. In addition, the Telephone Company will also provide other technically feasible cross connection arrangements, including lit fiber, on an individual case basis as requested by a CLEC. The Telephone Company will offer DTS as long as such access is technically feasible.	(C) (C)
B.	DTS is only available when both collocation arrangements (either physical and/or virtual) are within the same central office locations, provided that the collocated equipment is also used for interconnection with the Telephone Company or for access to unbundled network elements.	(C) (C)
1.	The Telephone Company shall provide such DTS connections from the CLEC's collocation arrangement to another collocation arrangement of the same CLEC within the same Telephone Company premises, or to a collocation arrangement of another CLEC in the same Telephone Company premises.	
C.	The DTS arrangement requires one CLEC to provide cable assignment information for itself as well as for the other CLEC. The Telephone Company will not make cable assignments for DTS.	
D.	DTS also allows for one CLEC to connect two of its own virtual collocation arrangements in the same Telephone Company premises.	
E.	DTS is provided at the same transmission level from one CLEC to the other CLEC.	
F.	DTS is provided on a negotiated interval basis.	

5.1.2	Responsibility of the CLEC
A.	**Ordering, Provisioning, Payment, Maintenance and Disconnection of Service—** The ordering CLEC is responsible for all ordering, provisioning, bill payment, disconnect orders and maintenance transactions.
1.	The ordering CLEC is the customer of record.
2.	The ordering CLEC must provide a letter of agency from the other CLEC that may be involved in the DTS connection.

5. Interconnection Between Collocated Spaces
5.2 Dedicated Cable Support (DCS)

This service is only furnished to CLECs with existing DCS arrangements. Additions, (N)
rearrangements and moves are not permitted. (N)

5.2.1	Description
A.	DCS allows a CLEC to directly connect facilities from its collocation node to the collocation node of itself or another CLEC via CLEC-provided distribution facilities as long as the collocation nodes of both CLECs are located in the same serving wire center. The CLEC must establish the collocation node and interconnect to the Telephone Company.
B.	DCS is available to the extent that it is technically feasible and that there is available space within the same serving wire center to accommodate the cable support.
1.	The Telephone Company will designate locations for placement of the DCS based upon space availability between the CLEC nodes.
C.	Each CLEC's collocated equipment must be used for interconnection with the Telephone Company or access to the Telephone Company's unbundled network elements.
D.	The Telephone Company will provide the cable support dedicated to CLEC-use upon request in accordance with Section 5.3.2.

5.2.2	Placement, Removal and Monitoring of Facilities and Equipment
A.	The connecting transmission facilities of the CLEC must not be placed outside the dedicated physical collocation node.
B.	DCS may be shared by multiple CLECs. The CLEC may not use any portion of the common overhead cable rack of the Telephone Company to access and place facilities to a DCS.
1.	The CLEC is responsible for the installation and maintenance of all cables between the collocation arrangement of another CLEC when utilizing DCS.
2.	When DCS is shared by more than one CLEC, the CLEC designated as the customer of record must be responsible for the ordering, payment, and compliance with the regulations contained herein.
C.	CLEC's may not use the common overhead cable racking used to interconnect to the Telephone Company for direct cabling between CLEC's collocation nodes.
D.	In the event the CLEC vacates the physical collocation space or abandons the DCS, the CLEC is responsible for the removal of the DCS and restoration of the space to its original condition, or the CLEC shall reimburse the Telephone Company for all reasonable costs incurred by the Telephone Company.

5. Interconnection Between Collocated Spaces
5.2 Dedicated Cable Support (DCS)

5.2.3	Responsibility of the CLEC	
A.	**Safety and Technical Specifications**	(X)
1.	The cable support will be designed to meet Telephone Company engineering specifications.	(X)
2.	The cable on the cable rack must not exceed twelve inches in height.	
3.	All cabling must comply with Telephone Company practices and safety requirements for central office cabling in GR-409-CORE and national electric code, as they relate to fire, safety, health and environmental safeguards.	

5. Interconnection Between Collocated Spaces
5.3 Application of Rates and Charges

5.3.1	DTS	
A.	**Service Order**— A nonrecurring charge applies on a standard interval or expedited order basis, per DTS service order request, to recover the costs for order placement and issuance provided by the Telephone Company. Expedited charges apply when intervals shorter than those negotiated are requested or if the CLEC requests that the work be done outside the normal scheduled work hours.	
B.	**Manual Intervention Surcharge**— Applies when the electronic ordering system is not used to place an order for service. Applies in addition to the Service Order charge.	(N) (N)
C.	**Service Connection/Circuit Provisioning**— A nonrecurring charge applies on a standard interval or expedited order basis, to recover the costs for circuit engineering, circuit wiring and turn-up (etc.). Provisioning charges apply per voice grade, DS1, DS3/STS-1, dark fiber and lit fiber cross connects. Expedited NRCs apply when intervals shorter than those negotiated are requested or if the CLEC requests that work be done outside of the normal scheduled work hours. Provisioning charges are further differentiated by whether the order is being made to connect or disconnect service.	(T) (C) (C) (C) (C)
D.	**Monthly Rate**— Each DTS service will have one transmission level applied per connection. The appropriate service access charge(s) and/or the appropriate interconnection access charge(s) will apply.	(T)

5.3.2	DCS
A.	NRCs apply to recover costs for expenses associated with the Telephone Company engineering time for each request for DCS subsequent to the initial room constructions. The CLEC requesting the service is responsible for all material and installation costs of the DCS cable support. NRCs will be developed on an individual case basis.

6. Secured Collocation Open Physical Environment (SCOPE)

6.1 Description

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 and Part E, Sections 1 and 2 apply in addition to the regulations contained in this Section. Rates and charges for service explained herein are contained in Part M, Section 5.6.

6.1.1	General
A.	SCOPE is a form of physical collocation in which CLECs can place their equipment in the Telephone Company central office without enclosing that equipment in a cage. SCOPE enables CLECs that do not want a standard cage-enclosed multiplexing node, to install one or more bays of non-Telephone Company owned/operated equipment in a secure, separated area within the Telephone Company central office. This arrangement will be located in the same secure, environmentally conditioned area currently utilized for the standard physical collocation arrangement.
1.	SCOPE is available on a first-come, first-served basis and subject to the availability of space and facilities in each central office where interconnection or access to unbundled network elements is requested by the CLEC.
2.	All terms and conditions for physical collocation apply in addition to the provisions contained herein.
B.	Each individual CLEC is responsible for providing and installing its own equipment and equipment bay in the designated area and for performing all maintenance related activities up to the CLEC side of a shared point of termination (SPOT) bay. The CLEC's responsibilities include performing the cross connect or strapping at the SPOT bay in the same manner as performed for standard physical collocation.
1.	The required space per bay is fifteen square feet.
2.	The SPOT bay is the connection point between the collocated equipment and the Telephone Company network and is shared by all CLECs in the SCOPE area. The SPOT bay is the demarcation point. Within the SPOT bay the individual terminal block/subpanel will be ordered by and dedicated to each CLEC.

6. Secured Collocation Open Physical Environment (SCOPE)
6.2 Responsibility of the Telephone Company

6.2.1	Accommodations	
A.	The Telephone Company will designate the floor space location specific for each bay of equipment installed.	
B.	The Telephone Company will provide AC convenience outlets and -48V DC power, battery and generator backup power, heat, air-conditioning and other environmental support in connection with the CLEC's equipment in the same manner it provides such support items in connection with its own equipment within that central office.	
1.	-48V DC power shall be provided as specified in Part E, Section 2.2.1B1. AC convenience outlets and common aisle lighting will be provided for the entire SCOPE area and will be shared by all CLECs.	(C)
C.	The Telephone Company always provides the SPOT bay (frame and terminations).	

6. Secured Collocation Open Physical Environment (SCOPE)
6.3 Responsibility of the CLEC

6.3.1	Description
A.	The CLEC may, at its own option and expense, provide a secured enclosure in the equipment bay that conforms with the Telephone Company's technical engineering specifications and NEBS requirements for a standard seven foot high equipment bay, not to exceed twenty-two inches in depth for the total footprint.
B.	The CLEC shall not store within the SCOPE area any ancillary equipment not permanently mounted within the bay.
C.	In addition to the terms and conditions regarding security measures set forth in Part E, Section 2, if the CLEC elects to provide a secured cabinet within the equipment bay or to secure the bay entirely, the CLEC will provide the Telephone Company with keys for direct access in the event of an emergency. In the event the Telephone Company is required to access the CLEC's secured bay on an emergency basis, the Telephone Company will notify the CLEC of such access within twenty-four hours.
D.	In the event that the CLEC requires additional lighting and/or AC outlets, the Telephone Company will pass through the vendor costs to the CLEC.
E.	The CLEC is responsible for the identification of all equipment and bay space in its SCOPE arrangement.

6. Secured Collocation Open Physical Environment (SCOPE)
6.4 Application of Rates and Charges

6.4.1	Implementation Charges
A.	An Application Fee and an Engineering and Administration Fee will apply. (C)
B.	**The SPOT Bay Frame NRC**— Applies for the SPOT bay frame the Telephone Company purchases and installs.
C.	**SCOPE Construction NRC**— Applies when equipment bays are placed in collocation space and includes AC outlets to be shared by CLECs, standard aisle lighting, cable racking, high level framing and any common grounding specific to the existing room. The charge is assessed per equipment bay installed.
D.	Special construction charges apply as described in Part E, Section 2.2.1C.

6.4.2	Monthly Rates
A.	The building space rate applicable for physical collocation applies. The rate is assessed at 15 square feet per equipment bay.
B.	The 60 amp or less dc power rate applicable for physical collocation applies.
C.	The space and conduit rate applicable for physical collocation applies.
D.	**SAC SPOT Bay Termination**— Applies (as set forth in Part E, Section 2) per termination and is used for the connection of the SPOT Bay frame to the Telephone Company's equipment location.
E.	**SAC Cable and Frame Termination**— Applies (as set forth in Part E, Section 2) per termination and is used for the connection of the Telephone Company cables and frame terminations.
F.	**SPOT Bay Frame**— Applies for equipment terminations to be mounted in the SCOPE area.
G.	**Conduit**— The conduit rates applicable for physical collocation apply.

6.4.3	Other Charges
A.	**Escort Service**— The escort service NRC for physical collocation will apply.
B.	**Cable Placement and Splicing**— The cable placement and splicing rates and charges are determined on an individual case basis as described in Part E, Section 2.5.5.
C.	**Site Survey/Report**— The NRC described in Part E, Section 2.5.1D applies as appropriate.
D.	**Security Access Cards**— The NRC described in Part E, Section 2.6.11 applies as appropriate.
E.	**Miscellaneous Collocation Power Service Charge**— The miscellaneous collocation power service charge (NRC) specified for physical collocation applies.

7. Shared Cages
7.1 Description

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 apply in addition to the regulations contained in this Section. All terms and conditions for physical collocation as described in Part E Sections 1 and 2 will also apply. In addition, the following terms and conditions will apply to shared cages.

7.1.1	General
A.	A CLEC with physical collocation service under this section shall have the right to share its physical collocation arrangement with one or more additional entities, provided that all such entities are qualified to be collocators under this section and applicable provisions of law. All such entities must limit their collocation activities to those permitted under the tariff provisions specified herein.
B.	For established physical collocation arrangements, the initial CLEC is the Collocator of Record (COR), or the host collocator. The other collocator participating in the sharing arrangement is referred to as the guest. The COR and guest must each be collocating for the purpose of interconnecting to Telephone Company services. When two or more collocators request establishment of a new physical collocation arrangement to be used as a shared cage, one of the participating CLECs must agree to be the COR and the other to be the guest.
1.	The COR is the Telephone Company's customer, and has all of the rights and obligations applicable under this tariff to CLECs purchasing physically collocated interconnection arrangements, including, without limitation, the obligation to pay all applicable charges, whether or not the COR is reimbursed for all or any portion of such charges by the guest.
2.	Neither this tariff, nor any actions taken by the Telephone Company or COR in compliance with this tariff, shall create a contractual, agency, or any other type of relationship between the Telephone Company and the guest collocator in a sharing arrangement; and the Telephone Company does not assume any liability or obligation to the guest for any actions of the COR.
3.	A guest must be a CLEC.
4.	The involved collocators are solely responsible for determining whether to share a cage, and if so, upon what terms and conditions.
C.	The COR must notify the Telephone Company in writing of its intention to share its multiplexing node space.
D.	All occupancy and specific collocation arrangement communications will be between the COR and the Telephone Company as specified in this tariff

7. Shared Cages
7.1 Description

7.1.2	Orders for Service
A.	Orders for connection to Telephone Company services must be placed by the COR.
1.	The COR and guest may agree that such orders may be placed by the guest on behalf of the COR, but in such cases the Telephone Company must be provided with an acceptable letter of authorization explicitly authorizing the guest to place such orders.
2.	When an order is placed by the guest in conformity with this section, the Telephone Company will send bills for the ordered services to the guest, and will accept payments from the guest to be applied to its own account.

7. Shared Cages
7.2 Responsibility of the Telephone Company

7.2.1	Description
A.	The Telephone Company will issue only one identifying multiplexing node and POT bay common language location identifier code and provide it to the COR.
B.	The Telephone Company will not split bill any of the rate elements associated with the collocation cage between the COR and its tenant (e.g., recurring square foot charges, power, cable racking).

7. Shared Cages
7.3 Responsibility of the Host & Guest

7.3.1	Description
A.	The guest must comply with the same Telephone Company rules and regulations and municipal/zoning regulations as are applicable to the COR.
B.	The COR assumes the responsibility for the guest's violation of all tariff regulations and other requirements related to a shared physical collocation arrangement and will be liable for any damage or injury to the Telephone Company caused by the conduct of the guest, to the same extent as the COR would be liable if it had engaged in such conduct itself. The COR will also indemnify the Telephone Company against any third party claims resulting from the guest's conduct, to the same extent as it would be responsible for such indemnification if it had engaged in such conduct itself.
C.	Connecting facility assignment (CFA) functions are the responsibility of the COR.
D.	The COR will remain responsible for all costs associated with the cage (e.g., cage construction, POT bay installation).

8. Reserved for Future Use

9. Cageless Collocation Open Environment (CCOE)

9.1 General

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 and Part E, Sections 1 and 2 apply in addition to the regulations contained in this Section. Rates and charges for service explained herein are contained in Part M, Section 5.9.

9.1.1	Description	
A.	CCOE is a form of physical collocation in which CLECs can place their equipment in Telephone Company central office space. CCOE is available on a first come, first served basis in all central offices where interconnection or access to unbundled network elements is requested by the CLEC.	
1.	The CLEC must install a minimum of one shelf of working equipment equipped with plug-ins when installing a CCOE equipment bay. Equipment bays must be fully equipped with common plug-ins prior to adding subsequent equipment bays.	
B.	The Telephone Company will assign collocation space in accordance with the provisions in Part E, Section 2. CCOE is not available where the only unoccupied space in a central office has been reserved by the Telephone Company for its own use or where the placement of CCOE equipment will put the Telephone Company network at risk.	(C) (C)
C.	CCOE allows a CLEC, using Telephone Company approved vendors, to install equipment in single bay increments. CLEC equipment will not share the same equipment bays with Telephone Company equipment.	(C)
1.	The CLEC shall not store any ancillary equipment within the CCOE area that is not permanently mounted within the bay.	
D.	The CLEC may provide its own transport or purchase other transport from a third party for the input side of the arrangement.	

9. Cageless Collocation Open Environment (CCOE)
9.2 Responsibility of the Telephone Company

9.2.1	Accommodations	
A.	The Telephone Company will work cooperatively with the CLEC to develop an equipment layout that complies with the equipment specification and to minimize space requirements. The Telephone Company reserves the right to designate the specific location within the central office for installation.	
B.	Space for additional bays for future use may be reserved, if available, until such time as the Telephone Company requires the reserved bay to meet another CLEC's request. The Telephone Company will make reasonable efforts to assign reserved bay space so that they are located next to the CLEC's existing equipment bay, however, the Telephone Company makes no guarantee to that effect.	
C.	To the extent that a CLEC requires use of a Telephone Company local exchange line, the CLEC must order an administrative business line. CLECs may not use Telephone Company official lines.	
D.	The Telephone Company will designate the floor space location specific for each bay of equipment installed.	
E.	The Telephone Company will provide -48V DC power (Refer to Part E, Section 2.2.1B1), battery and generator backup power, heat, air conditioning and other environment support in connection with the CLEC's equipment in the same manner it provides such support items in connection with its own transmission equipment within that central office.	(C) (C)
1.	The Telephone Company will provide access to junction boxes so that CLECs may contract directly with a Telephone Company approved vendor for the installation of the AC convenience outlets, overhead lighting and equipment superstructure to comply with IP 72201 and match existing central office infrastructure.	

9.2.2	Security
A.	The Telephone Company may use reasonable security measures to protect its equipment, including enclosing its equipment in its own cage or other separation, utilizing monitored card reader systems, digital security cameras, badges with computerized tracking systems, identification swipe cards, keyed access, and/or logs, as deemed appropriate by the Telephone Company.
B.	The Telephone Company will determine the appropriate level of security in each central office.
C.	CLEC with non-employee identification badge applications. This badge will permit direct access to the location of the CLEC's CCOE arrangement in the central office. The Telephone Company will also issue access cards to each listed employee/vendor where access card systems are installed.

9. Cageless Collocation Open Environment (CCOE)
9.2 Responsibility of the Telephone Company

9.2.2	Security
D.	The Telephone Company reserves the right to make changes to rules of conduct established by the Telephone Company for the central office and the Telephone Company's personnel and vendors in order to preserve the integrity and operation of the Telephone Company's network or facilities or to comply with applicable laws and regulations. The Telephone Company will provide the CLEC with written notice of such changes.

9. Cageless Collocation Open Environment (CCOE)
9.3 Responsibility of the CLEC

9.3.1	Ordering Service
A.	The CLEC must request CCOE through its Telephone Company point of contact. Completed applications for collocation must be sent directly to the Telephone Company Collocation project manager at the following address:
1.	Collocation Project Manager–Verizon, 125 High Street, Room 1134, Boston, MA 02110.

9.3.2	Central Office Access
A.	The CLEC will be required to sign a confidentiality agreement prior to being permitted to enter the Telephone Company central office.
1.	The CLEC will supply the Telephone Company with a list of its employees or approved vendors who require access. The list will include social security numbers of all such individuals or an alternative form of identification as specified by the Telephone Company. All individuals must be U.S. citizens where required by law or regulation.

9.3.3	Safety and Technical Standards
A.	The CLEC equipment bay should conform with the Telephone Company's technical engineering specifications and NEBS requirements for a standard seven foot high equipment bay, not to exceed twenty-two inches in depth for the total footprint. Non-standard equipment configurations will be evaluated on a case by case basis.
B.	All CLEC equipment to be installed in the Telephone Company central offices must be either on the Telephone Company's list of compliant products, or equipment that is demonstrated as complying with the technical specifications. Upon receipt of a CCOE request, the Telephone Company will make available at cost any Telephone Company technical specification documentation required by the CLEC to comply with this provision.
C.	The CLEC must perform all work using Telephone Company approved vendors. Such vendors must comply with the requirements specified in IP 72201, Network Equipment Installation Standards including providing the Telephone Company with documentation (e.g., drawings and record updates) per the Telephone Company standards prior to service activation.
D.	The CLEC is responsible to demonstrate that its equipment meets all Telephone Company installation standards prior to turn-up of equipment.

9.3.4	Security
A.	The CLEC agrees to abide by all Telephone Company security practices for CLEC employees/agents with access to the Telephone Company's central offices as described in Telephone Company security guidelines.

9. Cageless Collocation Open Environment (CCOE)
9.3 Responsibility of the CLEC

9.3.4	Security
B.	In order for the Telephone Company to provide the CLEC with the proper identification badge, the CLEC will provide the Telephone Company with completed applications and two passport-sized photos for each CLEC employee who requires access. The CLEC employee/vendor(s) must prominently display valid identification badges at all times while on Telephone Company property.
1.	All badges/access cards must be returned upon termination of this CCOE arrangement. The CLEC is responsible for notifying the Telephone Company of any lost or stolen identification badges or access cards, and is responsible for returning the badges/access cards issued to individuals that are no longer employed or engaged by the CLEC.
C.	The CLEC agrees that its employees/vendors with access to Telephone Company central offices shall at all times adhere to the rules of conduct established by the Telephone Company for the central office and the Telephone Company's personnel and vendors.

9.3.5	Placement and Removal of Facilities and Equipment
A.	The CLEC is responsible for providing and installing its own equipment and equipment bay(s) in the CCOE area.
B.	Methods of procedures detailing the installation work to be performed by the CLEC shall be completed by the CLEC on all CCOE arrangement equipment installations. The methods shall be agreed upon and signed by a Telephone Company representative and a CLEC representative prior to the beginning of any installation effort within the central office CCOE space. The CLEC shall prominently display the signed methods at the equipment bay while performing any installation functions.
C.	The CLEC is responsible for the identification of all equipment in its CCOE arrangement. All equipment must be clearly identified with the CLEC's name, emergency reach number, CLLI code and relay rack number. The CLLI code and relay rack number will be assigned by the Telephone Company.

9.3.6	Point of Termination
A.	The POT is the connection point between the collocated equipment and the Telephone Company network. The CLEC must select from one of the following options.
1.	The Telephone Company will provide a shared point of termination bay for CCOE in a common area. All CLECs purchasing CCOE will have access to the SPOT bay.
2.	The CLEC may provide their own point of POT within the CLEC-provided equipment bay as designated by the Telephone Company.

9. Cageless Collocation Open Environment (CCOE)
9.3 Responsibility of the CLEC

9.3.7	Access to Equipment
A.	CLEC designated personnel will be permitted to access their equipment for provisioning, maintenance and repair.
1.	The CLEC must adhere to all entrance and exit requirements as specified by the Telephone Company for each CCOE arrangement. CLEC access is restricted to direct access to the arrangement including central office space housing the CCOE equipment.

9. Cageless Collocation Open Environment (CCOE)
9.4 Application of Rates and Charges

9.4.1	General
A.	Rates and charges as specified for collocation arrangements described in Sections 2 and 3 apply in addition to the rates and charges specified herein.

9.4.2	Application Fees
A.	The application fees set forth in Part E, Section 3.4.2 apply as appropriate.

9.4.3	Site Survey/Report Fee
A.	The NRC described in Part E, Section 2.5.10 applies as appropriate.

9.4.4	Engineering and Implementation
A.	The engineering and implementation NRCs set forth in Part E, Section 3.4.3 apply as appropriate.

9.4.5	SPOT Bay Frame
A.	The implementation charge (NRC) for the SPOT Bay Frame described in Part E, Section 6.4.1 applies as appropriate. A monthly SPOT bay frame rate applies for equipment terminations to be mounted (refer to Part E, Section 6.4.2).

9.4.6	SAC SPOT Bay Termination
A.	The service access charge for the SAC SPOT bay termination described in Part E, Section 2.5.4 applies as appropriate.

9.4.7	SAC Cable and Frame Termination
A.	The service access charge for the SAC cable and frame termination described in Part E, Section 2.5.4 applies as appropriate.

9.4.8	Security Access Cards
A.	The NRC described in Part E, Section 2.6.11 applies as appropriate. (T)

9.4.9	Space and Conditioning
A.	**Building**— A monthly rate (which is associated with the footprint of the equipment bay) applies per equipment bay.

9. Cageless Collocation Open Environment (CCOE)
9.4 Application of Rates and Charges

9.4.10	Occupancy
A.	**DC Power**— The monthly 60 amps or less dc power rate applicable for physical collocation applies.

9.4.11	Cable Rack
A.	Rates and charges are determined on an individual case basis.

9.4.12	Conduit
A.	**Space and Conduit**— A monthly rate applies per foot, per duct and per half duct as described in Part E, Section 2.5.7.

9.4.13	Cageless Security
A.	Rates and charges for cageless security are assessed per equipment bay.

9.4.14	Other Charges	
A.	**Escort Service**— An NRC applies as described in Part E, Section 2.5.6.	
B.	**Miscellaneous Collocation Power Service Charge**— The miscellaneous collocation power service charge (NRC) specified for physical collocation applies.	(N) (N)

10. Adjacent Structures
10.1 General

10.1.1	Description
A.	In the event that the Telephone Company has no space available for physical collocation, the CLEC will be permitted to construct or otherwise procure controlled environment vaults (CEVs) or similar structures (adjacent structures) where technically feasible using Telephone Company approved vendors.

10. Adjacent Structures
10.2 Responsibility of the Telephone Company

10.2.1	Accommodations
A.	The Telephone Company will terminate its facilities on a CLEC provided point of termination located within the adjacent structure at a location designated by the CLEC. The CLEC will provide the Telephone Company with 24 x 7 direct access to the point of termination. The Telephone Company reserves the right to inspect the CLEC's structure, and any non conformances must be remedied in accordance with regulations for collocation specified in this tariff.
B.	The Telephone Company will make available, power and physical collocation support services to the CLEC in the same non-discriminatory manner as it provides to itself for the Telephone Company's own CEVs.

10. Adjacent Structures
10.3 Responsibility of the CLEC

10.3.1	Accommodations
A.	If the CLEC vacates the adjacent structure, the CLEC is responsible for restoring the land to the original condition.

10.3.2	Federal, State and Local Provisions
A.	The CLEC is responsible for complying with all zoning requirements, any federal, state or local regulations, ordinances and laws, and obtaining all associated permits. The Telephone Company may, where required, participate in the zoning approval and permit acquisitions. The CLEC may not take any action in establishing an adjacent structure that will force the Telephone Company to violate any zoning requirements or any federal, state or local regulations, ordinances or laws.

10.3.3	Rights of Way
A.	The CLEC is responsible for obtaining the right of way from the Telephone Company under the appropriate right of way provisions for the adjacent structure to the Telephone Company serving central office manhole. Granting such right of way will not be unreasonably withheld.

10.3.4	Safety and Technical Standards
A.	Any construction by the CLEC on Telephone Company premises must comply with Telephone Company technical specifications as they relate to environmental safety and grounding requirements as set forth in Telephone Company technical specifications and Bellcore documentation. Any protection as it relates to fire, safety, electrical, bonding, grounding and risk hazard is the responsibility of the CLEC.
B.	In the event the distance limitations are exceeded for digital services, any required signal regeneration will be the responsibility of the CLEC.

10.3.5	Liability
A.	The CLEC is responsible for any fines, penalties and expenses for zoning, environmental, safety, sanitation, property infringement, noise, quality of life or property violations or law suits associated with the structure and its associated power and any additional tax assessment levied on the Telephone Company as a result of the adjacent structure.

10. Adjacent Structures
10.4 Application of Rates and Charges

10.4.1	Description
A.	All costs incurred by the Telephone Company associated with the CLEC's deployment of an adjacent structure will be recovered by the Telephone Company on an individual case basis.
1.	The CLEC is responsible for all expenses incurred by the Telephone Company at the time they occur or for any ongoing expenses that result relating to zoning approval and permit acquisitions.
B.	Additional nonrecurring and recurring costs which may apply will be determined on an individual case basis.

11. Collocation at Remote Terminal Equipment Enclosures (CRTEE)

11.1 General

Unless otherwise specified herein, general regulations contained in Part A, Sections 1 through 4 and Part E, Sections 1 through 3 and 9 apply in addition to the regulations contained in this Section. Rates and charges for service explained herein are contained in Part M, Section 5.11.

11.1.1	Description
A.	CRTEE provides an arrangement in which CLEC equipment can be placed in Telephone Company remote terminal equipment enclosures (RTEEs).
1.	CRTEE is available with physical and virtual collocation.
2.	RTEEs include controlled environment vaults, huts, cabinets and remote terminals in buildings not owned by the Telephone Company.
3.	CRTEE is provided on a first-come, first-served basis subject to availability of space and right of way and building owner approval, as applicable.
B.	The Telephone Company will not renegotiate leases or easements or create new RTEE space in order to meet CLEC demand for CRTEE.
C.	Subject to the availability of space and conduit, the CLEC will arrange for the Telephone Company to perform all work activities inside the RTEE except as described in 11.1.4D.
D.	**Demarcation Point**— The following demarcation points apply to CRTEE arrangements.
1.	**DS1, DS3 and Optical Services**— For a physical CRTEE arrangement, the demarcation point will be at a cross connect panel mounted in the CLEC's equipment bay or relay rack.
2.	**Twisted Pair Connections**— Where a cross connect field is not located in the RTEE, the CLEC must provide a telecommunications carrier outside plant interconnection cabinet (TOPIC) on a CLEC-secured easement at or near the Telephone Company feeder distribution interface (FDI). The demarcation point will be in the TOPIC. The CLEC will provide the cable between the collocated equipment in the CRTEE and the TOPIC. The CLEC installation must comply with industry standards regarding fusing and grounding.

11.1.2	Ordering Service
A.	**Remote Terminal Serving Address Inquiry**— Upon request of the CLEC, the Telephone Company will make available to the CLEC the identify of the FDIs that subtend the RTEE and a range of customer addresses served by those FDIs.

11. Collocation at Remote Terminal Equipment Enclosures (CRTEE)
11.1 General

11.1.2	Ordering Service
B.	**Preliminary Engineering Records Review—** Upon request of the CLEC, the Telephone Company will conduct a search of its records and identify the following information about a RTEE location.
1.	Type of enclosure
2.	Whether site is on private or public property
a.	If the site is on private property, the Telephone Company will inform the CLEC whether the Telephone Company's rights under its easement for that location can be assigned to the CLEC for the purposes of the application request.
C.	**Site Survey for Space Availability Inquiry—** Upon request of the CLEC, the Telephone Company will conduct a survey of the remote terminal to determine if there is adequate space to accommodate the collocation application.
D.	The CLEC must request CRTEE through its Telephone Company point of contact. Completed applications for CRTEE arrangements must be sent directly to the Telephone Company project manager at the following address.
1.	Collocation Project Manager–Verizon, 125 High Street, Room 1134, Boston, MA 02110 or Email to Collocation.applications@verizon.com.
E.	Where the Remote Terminal Serving Address Inquiry, Preliminary Engineering Records Review or Site Survey for Space Availability Inquiry has been specified on the application, the CLEC will be notified of the results of these inquiries before the Telephone Company processes the rest of the application. The CLEC will be given the option of cancelling the application based on the results of these inquiries.

11.1.3	Responsibility of the Telephone Company
A.	The Telephone Company will provide any cabling between the CLEC-provided demarcation point and any Telephone Company owned cross-connect points.
B.	Escorts will be provided by the Telephone Company where the CLEC requires access to its collocated equipment located at the Telephone Company's CRTEE.

11.1.4	Responsibility of the CLEC
A.	The CLEC is responsible for obtaining any rights of way necessary to implement the provisions of this tariff.
B.	The CLEC is responsible for the cost of any conditioning of the RTEE such as building new conduit, additional power and HVAC. The conditioning must be allowed under an existing easement or right of way. The cost of such conditioning will be recovered in the Site Preparation Fee.

11. Collocation at Remote Terminal Equipment Enclosures (CRTEE)
11.1 General

11.1.4	Responsibility of the CLEC
C.	CLEC-provided equipment must conform with the Telephone Company's technical engineering specifications and NEBS requirements.
D.	The CLEC is responsible for maintenance of its equipment located within the RTEE. The CLEC will be escorted by qualified Telephone Company employees on these occasions.

11.1.5	Security
A.	Escorts will be provided by the Telephone Compay where the CLEC requires access to its collocated equipment located in the Telephone Company's RTEE.

11. Collocation at Remote Terminal Equipment Enclosures (CRTEE)
11.2 Application of Rates and Charges

11.2.1	Nonrecurring Charges
A.	The following NRCs will apply.
1.	**Remote Terminal Serving Address Inquiry**— Applies per request.
2.	**Preliminary Engineering Records Review**— Applies per request.
3.	**Site Survey for Space Availability Inquiry**— Applies per request.
4.	**Application Fee**— Applies per CRTEE arrangement request.
5.	**Engineering and Implementation Fee**— Applies per CRTEE arrangement request.
6.	**Site Preparation Fee**— Applies per CRTEE arrangement request, as required.

11.2.2	Monthly Rates	
A.	**Equipment Support**— The rate applies per half rack or portion thereof (associated with the footprint of the equipment bay). Refer to Part M, Section 5.3.9.	(C)
B.	**DC Power**— The rate applies, per load amp based on the total number of load amps ordered on each feed, when CLEC equipment is located within the RTEE (less than or equal to 60 amps). Refer to Part M, Section 5.3.8.	(C) (C)
C.	**Conduit and Space**— Applies per foot, per cable, for cabling and cable support between the demarcation point and any Telephone Company-owned cross-connect points. Refer to Part M, Section 5.2.7.	

11.2.3	Other	
A.	For physical CRTEE arrangements, the SAC Cable and Frame Termination will apply (refer to Part E, Section 2.5.4).	
B.	For virtual CRTEE arrangements, the IAC rates and charges will apply (refer to Part E, Section 3.4.5).	
C.	**Escorting**— Refer to Part E, Section 2.5.6 and Section 3.4.14.	
D.	**Miscellaneous Collocation Power Service Charge**— The miscellaneous collocation power service charge (NRC) specified for physical collocation applies.	(N) (N)

1. Reserved for Future Use

1. Reserved for Future Use

1. Reserved for Future Use

1. Reserved for Future Use

1. Reserved for Future Use

1. Reserved for Future Use

1. Reserved for Future Use

1. Rates and Charges
1.1 Tariff Information and General Regulations

There are no rates and charges contained in this section.

1. Rates and Charges
1.2 Bona Fide Request Process (BFR)

There are no rates and charges contained in this section.

1. Rates and Charges
1.3 Ordering of Service – Non Recurring Charges (C)

1.3.1 Service Order (N)

ID	Service Category	Rate Element	Rate	USOC
	Service Order	IOF – Connect – Per order	8.23	
		IOF – Disconnect – Per order	6.86	
		IOF – Connect – Expedited - Per order	12.21	
		IOF – Disconnect – Expedited - Per order	10.17	
		Unbundled Multiplexer – Per order	TBD	
		Unbundled Multiplexer – Expedited – Per order	TBD	
		Local Loops – 2W Links – Analog – 2-9 Links – Connect - Per order	5.71	
		Local Loops – 2W Links – Analog – 2-9 Links – Disconnect - Per order	.78	
		Local Loops – 2W Links – Analog – 10+ Links – Connect - Per order	7.97	
		Local Loops – 2W Links – Analog – 10+ Links – Disconnect - Per order	1.09	
		Local Loops – 2W Links – Analog – 2-9 Links – Connect – Expedited - Per order	8.47	
		Local Loops – 2W Links – Analog – 2-9 Links – Disconnect – Expedited - Per order	1.15	
		Local Loops – 2W Links – Analog – 10+ Links – Connect – Expedited - Per order	11.82	
		Local Loops – 2W Links – Analog – 10+ Links – Disconnect – Expedited - Per order	1.61	

(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges (C)

1.3.1 Service Order (N)

ID	Service Category	Rate Element	Rate	USOC
	Service Order	Local Loops – 2W Links – Digital – 1 Link – Connect - Per order	3.42	
		Local Loops – 2W Links – Digital – 1 Link – Disconnect - Per order	.47	
		Local Loops – 2W Links – Digital – 2-9 Links – Connect - Per order	9.13	
		Local Loops – 2W Links – Digital – 2-9 Links – Disconnect - Per order	1.25	
		Local Loops – 2W Links – Digital – 10+ Links – Connect - Per order	11.39	
		Local Loops – 2W Links – Digital – 10+ Links – Disconnect - Per order	1.55	
		Local Loops – 2W Links – Digital – 1 Link – Connect – Expedited - Per order	5.07	
		Local Loops – 2W Links – Digital – 1 Link – Disconnect – Expedited - Per order	.69	
		Local Loops – 2W Links – Digital – 2-9 Links – Connect – Expedited - Per order	13.54	
		Local Loops – 2W Links – Digital – 2-9 Links – Disconnect – Expedited - Per order	1.84	
		Local Loops – 2W Links – Digital – 10+ Links – Connect – Expedited - Per order	16.89	
		Local Loops – 2W Links – Digital – 10+ Links – Disconnect – Expedited - Per order	2.30	

(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges (C)

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	Local Loops – 2W Links – Digital (xDSL qualified) – 2-9 Links – Connect - Per order	5.71		
		Local Loops – 2W Links – Digital (xDSL qualified) – 2-9 Links – Disconnect - Per order	.78		
		Local Loops – 2W Links – Digital (xDSL qualified) – 10+ Links – Connect - Per order	7.97		
		Local Loops – 2W Links – Digital (xDSL qualified) – 10+ Links – Disconnect - Per order	1.09		
		Local Loops – 2W Links – Digital (xDSL qualified) – 2-9 Links – Connect – Expedited - Per order	8.47		
		Local Loops – 2W Links – Digital (xDSL qualified) – 2-9 Links – Disconnect – Expedited - Per order	1.15		
		Local Loops – 2W Links – Digital (xDSL qualified) – 10+ Links – Connect – Expedited - Per order	11.82		
		Local Loops – 2W Links – Digital (xDSL qualified) – 10+ Links – Disconnect – Expedited - Per order	1.61		
		Local Loops – 4W Analog, 56KD, 1.544 High Capacity or 4W Digital (HDSL) Link –Connect – Per order	36.23		
		Local Loops – 4W Analog, 56KD, 1.544 High Capacity or 4W Digital (HDSL) Link –Disconnect - Per order	4.94		(N)

1. Rates and Charges
1.3 Ordering of Service- Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	Local Loops – 4W Analog, 56KD, 1.544 High Capacity or 4W Digital (HDSL) Link – Connect – Expedited - Per order	53.72		
		Local Loops – 4W Analog, 56KD, 1.544 High Capacity or 4W Digital (HDSL) Link – Disconnect – Expedited - Per order	7.32		
		Local Loops – 44.736 High Capacity – Connect - Per order	8.23		
		Local Loops – 44.736 High Capacity – Disconnect - Per order	6.86		
		Local Loops – 44.736 High Capacity – Connect – Expedited - Per order	12.21		
		Local Loops – 44.736 High Capacity - Disconnect – Expedited - Per order	10.17		
		Local Switching – Line Port – SMDI II – Connect – Per port	8.23		
		Local Switching – Line Port – SMDI II – Disconnect – Per port	6.86		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect – Per migration order	7.97		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect – Per migration order	1.09		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect – Expedited - Per migration order	11.82		(N)

1. Rates and Charges
1.3 Ordering of Service- Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect – Expedited - Per migration order	1.61		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Per migration order	7.97		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Per migration order	1.09		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Expedited - Per migration order	11.82		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Expedited - Per migration order	1.61		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Per new order	7.97		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Per new order	1.09		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Expedited - Per new order	11.82		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Expedited - Per new order	1.61		(N)

1. Rates and Charges
1.3 Ordering of Service- Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Per migration order	36.23		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Per migration order	4.94		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Expedited - Per migration order	53.72		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Expedited - Per migration order	7.32		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Per new order	36.23		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Per new order	4.94		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Expedited - Per new order	53.72		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Expedited - Per new order	7.32		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 2+ Links – Connect – Per migration order	7.97		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 2+ Links – Disconnect – Per migration order	1.09		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 2+ Links – Connect – Expedited - Per migration order	11.82		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 2+ Links – Disconnect – Expedited - Per migration order	1.61		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 10+ Links – Connect – Per new order	7.97		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 10+ Links – Disconnect – Per new order	1.09		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 10+ Links – Connect – Expedited – Per new order	11.82		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 10+ Links – Disconnect – Expedited - Per new order	1.61		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Per migration order	36.23		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Per migration order	4.94		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Expedited - Per migration order	53.72		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Expedited - Per migration order	7.32		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Per new order	36.23		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Per new order	4.94		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Expedited - Per new order	53.72		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Expedited - Per new order	7.32		
		Dark Fiber – IOF - Initial Pair – Per pair	22.50		
		Dark Fiber – IOF - Each additional pair – Per additional pair	20.45		
		Dark Fiber – Loop - Initial Pair – Per pair	22.50		
		Dark Fiber – Loop - Each additional pair – Per additional pair	20.45		
		USLA – 2W – Connect – Per order	12.08		
		USLA – 2W – Connect – Expedite - Per order	17.91		
		USLA – 4W – Connect – Per order	36.23		
		USLA – 2W – Connect – Expedite - Per order	53.72		
		Line Sharing – 1-9 Links – Connect - Per order	12.08		
		Line Sharing – 1-9 Links – Disconnect - Per order	1.65		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.1	Service Order				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Order	Line Sharing – 1-9 Links – Connect – Expedited - Per order	17.91		
		Line Sharing – 1-9 Links – Disconnect – Expedited - Per order	2.44		
		Line Sharing – 10+ Links – Connect - Per order	20.05		
		Line Sharing – 10+ Links – Disconnect - Per order	2.73		
		Line Sharing – 10+ Links – Connect – Expedited - Per order	29.72		
		Line Sharing – 10+ Links – Disconnect – Expedited - Per order	4.05		
		SS7 – STP Port – Connect – Per order	36.23		
		SS7 – STP Port – Disconnect – Per order	4.94		
		Dedicated Transit Service – Connect - Per order	12.08		
		Dedicated Transit Service – Disconnect - Per order	1.65		
		Dedicated Transit Service – Connect – Expedited - Per order	17.91		
		Dedicated Transit Service – Disconnect – Expedited - Per order	2.44		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	2W Links – 1 Link – Connect - Per order	21.27		
		2W Links – 1 Link - Disconnect - Per order	5.23		
		2W Links – 1 Link – Connect – Expedited – Per order	31.55		
		2W Links – 1 Link – Disconnect – Expedited – Per order	7.76		
		2W Links – 2-9 Links – Connect - Per order	35.57		
		2W Links – 2-9 Links - Disconnect - Per order	11.03		
		2W Links – 2-9 Links – Connect – Expedited – Per order	52.74		
		2W Links – 2-9 Links – Disconnect – Expedited – Per order	16.37		
		2W Links – 10+ Links – Connect - Per order	182.51		
		2W Links – 10+ Links - Disconnect - Per order	22.54		
		2W Links – 10+ Links – Connect – Expedited – Per order	270.63		
		2W Links – 10+ Links – Disconnect – Expedited – Per order	33.42		
		2W Links – Connect - Per link	8.60		
		2W Links – Disconnect - Per link	1.17		
		1.5 MbpsLinks/4W Links – Connect - Per order	3.86		
		1.5 MbpsLinks/4W Links – Disconnect - Per order	.53		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	1.5 MbpsLinks/4W Links – Connect – Expedited - Per order	5.73		
		1.5 MbpsLinks/4W Links – Disconnect – Expedited - Per order	.78		
		1.5 MbpsLinks/4W Links – Connect - Per link	8.38		
		1.5 MbpsLinks/4W Links – Disconnect - Per link	1.14		
		Local Switching – Line Port – Connect - Per port	12.08		
		Local Switching – Line Port – Disconnect - Per port	1.65		
		Local Switching – Line Port – Connect – Expedited - Per port	17.91		
		Local Switching – Line Port – Disconnect – Expedited – Per port	2.44		
		Dedicated Tandem Trunk Port – Connect - Per port	12.08		
		Dedicated Tandem Trunk Port – Disconnect - Per port	1.65		
		Dedicated Tandem Trunk Port – Connect – Expedited - Per port	17.91		
		Dedicated Tandem Trunk Port – Disconnect – Expedited – Per port	2.44		
		Dedicated DS1 TOPS Trunk Port – Connect - Per port	12.08		
		Dedicated DS1 TOPS Trunk Port – Disconnect – Per port	1.65		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	Network Interface Device – 2W or 4W – Per order	8.80		
		Network Interface Device – 2W or 4W – Expedited - Per order	13.05		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Connect - Per migration order	26.20		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Disconnect - Per migration order	5.23		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Connect – Expedited - Per migration order	38.85		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Disconnect – Expedited - Per migration order	7.76		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect - Per migration order	39.25		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect - Per migration order	10.73		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect – Expedited - Per migration order	58.20		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect – Expedited - Per migration order	15.91		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect - Per migration order	190.72		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect - Per migration order	22.54		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Expedited - Per migration order	282.80		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Expedited - Per migration order	33.42		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Connect - Per new order	8.80		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Disconnect - Per new order	5.23		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Connect – Expedited - Per new order	13.05		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Disconnect – Expedited - Per new order	7.76		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect - Per new order	26.23		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect - Per new order	11.81		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Connect – Expedited - Per new order	38.90		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Disconnect – Expedited - Per new order	17.52		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect - Per new order	161.72		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect - Per new order	22.54		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Connect – Expedited - Per new order	239.80		
		UNE-Platform Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Disconnect – Expedited - Per new order	33.42		
		UNE-Platform Combination – DS1 DID/DOD/PBX/ISDN PRI – Connect - Per link	3.86		
		UNE-Platform Combination – DS1 DID/DOD/PBX/ISDN PRI – Disconnect - Per link	.53		
		UNE-Platform Combination – DS1 DID/DOD/PBX/ISDN PRI – Connect - Expedited - Per link	5.73		
		UNE-Platform Combination – DS1 DID/DOD/PBX/ISDN PRI – Disconnect - Expedited - Per link	.78		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI - 1 Link – Connect - Migration order – Per link	26.20		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI - 1 Link – Disconnect - Migration order – Per link	5.23		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI - 1 Link – Connect – Expedited - Migration order – Per link	38.85		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI - 1 Link – Disconnect – Expedited - Migration order – Per link	7.76		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Connect - Migration order – Per link	39.25		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Disconnect - Migration order – Per link	10.73		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Connect – Expedited - Migration order – Per link	58.20		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Disconnect – Expedited - Migration order – Per link	15.71		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Connect - Migration order – Per link	190.72		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Disconnect - Migration order – Per link	22.54		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Connect – Expedited - Migration order – Per link	282.80		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Disconnect – Expedited – Migration order – Per link	33.42		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 1 Link – Connect – New order – Per link	8.80		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Manual Intervention Surcharge	UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 1 Link – Disconnect – New order – Per link	5.23		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 1 Link – Connect – New order – Expedited - Per link	13.05		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 1 Link – Disconnect – New order – Expedited - Per link	7.76		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Connect - New order – Per link	26.23		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Disconnect - New order – Per link	11.81		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Connect - New order – Expedited - Per link	38.90		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 2-9 Links – Disconnect - New order – Expedited - Per link	17.52		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Connect –New order – Per link	161.72		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Disconnect – New order – Per link	22.54		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Connect – New order – Expedited - Per link	239.80		
		UNE-Platform Combination – Foreign Exchange POTS/ISDN-BRI – 10+ Links – Disconnect – New order – Expedited - Per link	33.42		
		UNE-Platform Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Connect – Per link	3.86		
		UNE-Platform Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Disconnect – Per link	.53		
		UNE-Platform Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Connect – Expedited - Per link	5.73		
		UNE-Platform Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Disconnect – Expedited - Per link	.78		
		USLA – 2W – Per order	8.80		
		USLA – 2W – Expedited – Per order	13.05		
		USLA – 4W – Per order	3.86		
		USLA – 4W – Expedited – Per order	5.73		
		Line Sharing – 1 Link – Connect – Per order	8.80		
		Line Sharing – 1 Link – Disconnect – Per order	5.23		
		Line Sharing – 1 Link – Connect – Expedited - Per order	13.05		
		Line Sharing – 1 Link – Disconnect – Expedited - Per order	7.76		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Manual Intervention Surcharge	Line Sharing – 2-9 Links – Connect – Per order	26.23		
		Line Sharing – 2-9 Links – Disconnect – Per order	11.81		
		Line Sharing – 2-9 Links – Connect – Expedited - Per order	38.90		
		Line Sharing – 2-9 Links – Disconnect – Expedited - Per order	17.52		
		Line Sharing – 10+ Links – Connect – Per order	161.72		
		Line Sharing – 10+ Links – Disconnect – Per order	22.54		
		Line Sharing – 10+ Links – Connect – Expedited - Per order	239.80		
		Line Sharing – 10+ Links – Disconnect – Expedited - Per order	33.42		
		Switched Interconnection Services – Connect – Per meet point C arrangement	12.08		
		Switched Interconnection Services – Connect – Expedited - Per meet point C arrangement	17.91		
		Switched Interconnection Services – Disconnect – Per meet point C arrangement	1.65		
		Switched Interconnection Services – Disconnect – Expedited - Per meet point C arrangement	2.44		
		Switched Interconnection Services – Optional Feature – End Office - Connect	12.08		
		Switched Interconnection Services – Optional Feature – End Office – Expedited - Connect	17.91		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.2	Manual Intervention Surcharge				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Manual Intervention Surcharge	Switched Interconnection Services – Optional Feature – End Office - Disconnect	1.65		
		Switched Interconnection Services – Optional Feature – End Office – Expedited - Disconnect	2.44		
		Switched Interconnection Services – Optional Feature – Tandem - Connect	12.08		
		Switched Interconnection Services – Optional Feature – Tandem – Expedited - Connect	17.91		
		Switched Interconnection Services – Optional Feature – Tandem - Disconnect	1.65		
		Switched Interconnection Services – Optional Feature – Tandem – Expedited - Disconnect	2.44		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – CO Wiring	Dedicated Trunk Ports – Connect – Per port	80.22		
		Dedicated Trunk Ports – Disconnect – Per port	10.95		
		Dedicated Trunk Ports – Connect – Expedited - Per order	106.71		
		Dedicated Trunk Ports – Disconnect – Expedited - Per order	14.54		
		Dedicated Tandem/End Office Trunk Ports – Connect – Per DS1 port	10.36		
		Dedicated Tandem/End Office Trunk Ports – Disconnect – Per DS1 port	1.41		
		Dedicated Tandem/End Office Trunk Ports – Connect – Expedited - Per DS1 port	13.51		
		Dedicated Tandem/End Office Trunk Ports – Disconnect – Expedited - Per DS1 port	1.84		
		Dedicated DS1 TOPS Trunk Ports – Connect – Per order	10.36		
		Dedicated DS1 TOPS Trunk Ports – Disconnect – Per order	1.41		
		DS1 IOF – Connect – Per order	71.28		
		DS1 IOF – Disconnect – Per order	35.64		
		DS1 IOF – Connect – Expedited - Per order	92.90		
		DS1 IOF – Disconnect – Expedited - Per order	46.45		
		DS3/STS-1/OC3 IOF – Connect – Per order	142.55		
		DS3/STS-1/OC3 IOF– Disconnect – Per order	93.90		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Service Connection – CO Wiring	DS3/STS-1/OC3 IOF – Connect – Expedited - Per order	185.81		
		DS3/STS-1/OC3 IOF – Disconnect – Expedited - Per order	122.39		
		OC12 IOF – Connect – Per order	178.81		
		OC12 IOF– Disconnect – Per order	117.76		
		OC12 IOF – Connect – Expedited - Per order	233.07		
		OC12 IOF – Disconnect – Expedited - Per order	153.49		
		Local Loops – 2W Analog and 2W xDSL Qualified – Connect – Per link	8.85		
		Local Loops – 2W Analog and 2W xDSL Qualified – Disconnect – Per link	4.36		
		Local Loops – 2W Digital – Connect – Per link	12.08		
		Local Loops – 2W Digital – Disconnect – Per link	5.95		
		Local Loops – 4W Analog, 56 KD, 1.544 High Capacity or 4W Digital (HDSL Qualified) – Connect – Per link	20.76		
		Local Loops – 4W Analog, 56 KD, 1.544 High Capacity or 4W Digital (HDSL Qualified) – Disconnect – Per link	22.00		
		Local Loops – 44.736 High Capacity – Connect – Per link	142.55		
		Local Loops – 44.736 High Capacity – Disconnect – Per link	93.90		
		Local Loops – 44.736 High Capacity – Connect – Expedited - Per link	185.81		
		Local Loops – 44.736 High Capacity – Disconnect – Expedited - Per link	122.39		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – CO Wiring	UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – Connect – Per new order	6.82		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – Disconnect – Per new order	.93		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – New order – Per link	10.36		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – New order – Per link	1.41		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Connect – New order – Per link	66.53		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Disconnect – New order – Per link	32.25		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Connect – New order – Expedited - Per link	82.80		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Disconnect – New order – Expedited - Per link	40.43		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Connect – New order – Per link	102.40		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Disconnect – New order – Per link	59.05		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Connect – New order – Expedited - Per link	127.17		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – CO Wiring	UNE-P Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Disconnect – New order – Expedited - Per link	70.29		
		Dark Fiber – IOF – Connect – Per order	21.13		
		Dark Fiber – IOF – Disconnect – Per order	13.98		
		Dark Fiber – IOF – Connect – Expedited - Per order	27.39		
		Dark Fiber – IOF – Disconnect – Expedited - Per order	18.12		
		Dark Fiber – Loop – Connect – Per order	18.48		
		Dark Fiber – Loop – Disconnect – Per order	13.49		
		Dark Fiber – Loop – Connect – Expedited - Per order	23.96		
		Dark Fiber – Loop – Disconnect – Expedited - Per order	17.49		
		Line Sharing – Connect – Per link	8.33		
		Line Sharing – Disconnect – Per link	5.95		
		Local Switching – Line Port – Analog – Connect – Per port	6.82		
		Local Switching – Line Port – Analog – Disconnect – Per port	.93		
		Local Switching – Line Port – Basic Rate ISDN – Connect – Per port	6.82		
		Local Switching – Line Port – Basic Rate ISDN – Disconnect – Per port	.93		
		Local Switching – Line Port – Primary Rate ISDN – Connect – Per port	10.36		
		Local Switching – Line Port – Primary Rate ISDN – Disconnect – Per port	1.41		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – CO Wiring	Local Switching – Line Port – Integrated Digital Loop Carrier (TR-08) – Connect – Per port – Note: Rate to be determined on an individual case basis.	See Note		
		Local Switching – Line Port – Integrated Digital Loop Carrier (TR-08) – Disconnect – Per port – Note: Rate to be determined on an individual case basis.	See Note		
		Local Switching – Line Port – DS1 DID/DOD/PBX – Connect – Per port	10.36		
		Local Switching – Line Port – DS1 DID/DOD/PBX – Disconnect – Per port	1.41		
		Local Switching – Line Port – Electronic Key Telephone – Connect – Per port	6.82		
		Local Switching – Line Port – Electronic Key Telephone – Disconnect – Per port	.93		
		Local Switching – Line Port – SMDI II – Per port	53.61		
		Local Switching – Line Port – PAL/Coin – Connect – Per port	6.82		
		Local Switching – Line Port – PAL/Coin – Disconnect – Per port	.93		
		Local Switching – Line Port Feature – Connect – Per port	.62		
		Local Switching – Line Port Feature – Disconnect – Per port	.08		
		Local Switching – Line Port Feature – Subsequent Addition/Change of One or More Features – Connect – Per port	.62		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.3	Service Connection – Central Office Wiring				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – CO Wiring	Local Switching – Line Port Feature – Subsequent Addition/Change of One or More Features – Disconnect – Per port	.08		
		Switched Interconnection Services – Connect - Per meet point arrangement	10.36		
		Switched Interconnection Services – Connect – Expedited - Per meet point arrangement	13.51		
		Switched Interconnection Services – Disconnect - Per meet point arrangement	1.41		
		Switched Interconnection Services – Disconnect – Expedited - Per meet point arrangement	1.84		
		Switched Interconnection Services – Optional Feature – End Office/Tandem - Connect	10.36		
		Switched Interconnection Services – Optional Feature – End Office/Tandem Expedited - Connect	13.51		
		Switched Interconnection Services – Optional Feature – End Office/Tandem – Disconnect	1.41		
		Switched Interconnection Services – Optional Feature – End Office/Tandem Expedited - Disconnect	1.84		
		Dedicated Transit Service – Connect	6.82		
		Dedicated Transit Service – Disconnect	0.93		
		Dedicated Transit Service – Expedited - Connect	8.89		
		Dedicated Transit Service – Expedited - Disconnect	1.21		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
	Service Connection – Other	Dedicated Tandem Trunk Ports – Connect – Per DS1 port	92.22		
		Dedicated Tandem Trunk Ports – Disconnect – Per DS1 port	12.58		
		Dedicated Tandem Trunk Ports – Connect – Expedited - Per DS1 port	122.00		
		Dedicated Tandem Trunk Ports – Disconnect – Expedited - Per DS1 port	16.63		
		Dedicated DS1 TOPS Trunk Ports – Connect - Per port	71.07		
		Dedicated DS1 TOPS Trunk Ports – Disconnect - Per port	9.07		
		DS1/DS3/STS-1/OC3 IOF – Connect – Per order	121.02		
		DS1/DS3/STS-1/OC3 IOF– Disconnect – Per order	10.01		
		DS1/DS3/STS-1/OC3 IOF – Connect – Expedited – Per order	134.95		
		DS1/DS3/STS-1/OC3 IOF – Disconnect – Expedited – Per order	14.30		
		OC12 IOF – Connect – Per order	136.53		
		OC12 IOF– Disconnect – Per order	10.01		
		OC12 IOF – Connect – Expedited - Per order	156.93		
		OC12 IOF – Disconnect – Expedited - Per order	14.30		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Local Switching – Line Port – Analog – Connect – Per port	8.00		
		Local Switching – Line Port – Analog – Disconnect – Per port	1.09		
		Local Switching – Line Port – Basic Rate ISDN – Connect – Per port	8.00		
		Local Switching – Line Port – Basic Rate ISDN – Disconnect – Per port	1.09		
		Local Switching – Line Port – Primary Rate ISDN – Connect – Per port	80.22		
		Local Switching – Line Port – Primary Rate ISDN – Disconnect – Per port	10.95		
		Local Switching – Line Port – Integrated Digital Loop Carrier (TR-08) – Connect – Per port – Note: Rate to be determined on an individual case basis.	See Note		
		Local Switching – Line Port – Integrated Digital Loop Carrier (TR-08) – Disconnect – Per port – Note: Rate to be determined on an individual case basis.	See Note		
		Local Switching – Line Port – DS1 DID/DOD/PBX – Connect – Per port	80.22		
		Local Switching – Line Port – DS1 DID/DOD/PBX – Disconnect – Per port	10.95		
		Local Switching – Line Port – Electronic Key Telephone – Connect – Per port	8.00		
		Local Switching – Line Port – Electronic Key Telephone – Disconnect – Per port	1.09		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Local Switching – Line Port – SMDI II – Connect – Per port	121.02		
		Local Switching – Line Port – SMDI II – Disconnect – Per port	10.01		
		Local Switching – Dedicated Trunk Port – Connect – Per port	80.22		
		Local Switching – Dedicated Trunk Port – Disconnect – Per port	10.95		
		Local Switching – Dedicated Trunk Port – Connect – Expedited - Per port	106.71		
		Local Switching – Dedicated Trunk Port – Disconnect – Expedited - Per port	14.54		
		Local Switching – Dedicated End Office Trunk Port – Connect – Per port	80.22		
		Local Switching – Dedicated End Office Trunk Port – Disconnect – Per port	10.95		
		Local Switching – Dedicated End Office Trunk Port – Connect – Expedited - Per port	106.71		
		Local Switching – Dedicated End OfficeTrunk Port – Disconnect – Expedited - Per port	14.54		
		Local Switching – Line Port – PAL/Coin – Connect – Per port	8.00		
		Local Switching – Line Port – PAL/Coin – Disconnect – Per port	1.09		
		Local Loops – 2W – Connect – Per link	20.67		
		Local Loops – 2W – Disconnect – Per link	2.83		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Local Loops – 4W Analog, 56 KD, 1.544 High Capacity or 4W Digital (HDSL Qualified) – Connect – Per link	64.70		
		Local Loops – 4W Analog, 56 KD, 1.544 High Capacity or 4W Digital (HDSL Qualified) – Disconnect – Per link	8.83		
		Local Loops – 44.736 High Capacity – Connect – Per link	121.02		
		Local Loops – 44.736 High Capacity – Disconnect – Per link	10.01		
		Local Loops – 44.736 High Capacity – Connect – Expedited - Per link	134.95		
		Local Loops – 44.736 High Capacity – Disconnect – Expedited - Per link	14.30		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, IDSN BRI – Connect – Migration order - Per link	.38		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, IDSN BRI – Disconnect – Migration order - Per link	.02		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, IDSN BRI – Connect – New order - Per link	.30		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, IDSN BRI – Disconnect – New order - Per link	.20		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Migration order - Per link	43.03		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Migration order - Per link	5.87		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – Migration order – Expedited - Per link	55.43		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Migration order – Expedited - Per link	7.55		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – New order - Per link	254.08		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – New order - Per link	28.17		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Connect – New order – Expedited - Per link	294.50		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – New order – Expedited - Per link	36.05		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Migration order - Per link	43.03		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Migration order - Per link	5.87		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – Migration order – Expedited - Per link	55.43		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – Migration order – Expedited - Per link	7.55		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Connect – New order – Per link	133.06		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Disconnect – New order – Per link	18.16		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Connect – Migration order – Per link	.38		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Disconnect – Migration order - Per link	.02		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Connect – New order - Per link	121.32		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Disconnect – New order - Per link	10.21		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Connect – New order – Expedited - Per link	135.25		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – Disconnect – New order – Expedited - Per link	14.50		
		USLA – 2W and 4W – New order – Per subloop	.14		
		USLA – 2W and 4W – Migration order – Per subloop	23.72		
		Dark Fiber – IOF – Connect – Per order	116.06		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Dark Fiber – IOF – Disconnect – Per order	27.47		
		Dark Fiber – IOF – Connect – Expedited - Per order	149.58		
		Dark Fiber – IOF – Disconnect – Expedited - Per order	38.16		
		Dark Fiber – Loop – Connect – Per order	103.35		
		Dark Fiber – Loop – Disconnect – Per order	36.67		
		Dark Fiber – Loop – Connect – Expedited - Per order	144.83		
		Dark Fiber – Loop – Disconnect – Expedited - Per order	51.38		
		Line Sharing – Per link	.14		
		Switched Interconnection Services – Connect – Per meet point arrangement	87.04		
		Switched Interconnection Services – Connect – Expedited - Per meet point arrangement	116.83		
		Switched Interconnection Services – Disconnect – Per meet point arrangement	11.88		
		Switched Interconnection Services – Disconnect – Expedited - Per meet point arrangement	15.92		
		Switched Interconnection Services – Optional Feature – End Office - Connect	87.04		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Switched Interconnection Services – Optional Feature – End Office – Expedited - Connect	116.83		
		Switched Interconnection Services – Optional Feature – End Office – Disconnect	11.88		
		Switched Interconnection Services – Optional Feature – End Office – Expedited - Disconnect	15.92		
		Switched Interconnection Services – Optional Feature – Tandem - Connect	99.04		
		Switched Interconnection Services – Optional Feature – Tandem – Expedited - Connect	132.12		
		Switched Interconnection Services – Optional Feature – Tandem – Disconnect	13.51		
		Switched Interconnection Services – Optional Feature – Tandem – Expedited - Disconnect	18.01		
		Switched Interconnection Services – E911 Trunk Port – Tandem - Connect	99.04		
		Switched Interconnection Services – E911 Trunk Port – Tandem – Expedited - Connect	132.12		
		Switched Interconnection Services – E911 Trunk Port – Tandem – Disconnect	13.51		
		Switched Interconnection Services – E911 Trunk Port – Tandem – Expedited - Disconnect	18.01		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.4	Service Connection – Other				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Service Connection – Other	Dedicated Transit Service – Connect	24.39		
		Dedicated Transit Service – Disconnect	3.33		
		Dedicated Transit Service – Expedited - Connect	33.87		
		Dedicated Transit Service – Expedited - Disconnect	4.62		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.5	Dispatch Out – Out of Hours				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Dispatch Out – Out of Hours	Line Sharing - Per hour or fraction thereof (4 hour minimum charge)	129.39		
		Line Sharing - Expedited - Per hour or fraction thereof (4 hour minimum charge)	174.35		
		Switched Interconnection Services – Connect - Per hour or fraction thereof (4 hour minimum charge)	60.23		
		Switched Interconnection Services – Connect - Expedited - Per hour or fraction thereof (4 hour minimum charge)	60.23		

1.3.6	Installation Dispatch Out				
	Installation Dispatch Out	Local Loops – 2W Analog or Digital – 1 Link – Per location dispatched – Per occurrence	35.12		
		Local Loops – 2W Analog or Digital – 2-9 Links – Per location dispatched – Per occurrence	42.23		
		Local Loops – 2W Analog or Digital – 10+ Links – Per location dispatched – Per occurrence	48.01		
		Local Loops – 4W Analog or Digital, 56 KD or High Capacity – Per location dispatched – Per occurrence	47.13		
		Network Interface Device – Per order	32.66		
		Network Interface Device – Expedited - Per order	44.14		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 1 Link – Per location dispatched – Per occurrence	35.12		
		UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 2-9 Links – Per location dispatched – Per occurrence	42.23		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.6	Installation Dispatch Out				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Installation Dispatch Out	UNE-P Combination – Centrex, POTS, PAL, Coin, ISDN Centrex, ISDN BRI – 10+ Links – Per location dispatched – Per occurrence	48.01		
		UNE-P Combination – DS1 DID/DOD/ PBX/ISDN PRI – Per DS1	47.13		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 1 Link – Per location dispatched – Per occurrence	35.12		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 2-9 Links – Per location dispatched – Per occurrence	42.23		
		UNE-P Combination – Foreign Exchange POTS/ISDN BRI – 10 Links – Per location dispatched – Per occurrence	48.01		
		UNE-P Combination – Foreign Exchange DS1 DID/DOD/PBX/ISDN PRI – Per DS1	47.13		
		USLA – 2W - Connect – New order – 1st sub-loop	76.46		
		USLA –2W - Connect – New order – Expedited - 1st sub-loop	103.33		
		USLA – 2W – Connect – New order - Each additional sub-loop	29.92		
		USLA – 2W – Connect – New order – Expedited - Each additional sub-loop	40.43		
		USLA – 2W - Connect – Migration order – 1st sub-loop	87.10		
		USLA –2W - Connect – Migration order – Expedited - 1st sub-loop	117.70		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.6	Installation Dispatch Out				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Installation Dispatch Out	USLA – 2W – Connect – Migration order - Each additional sub-loop	40.35		
		USLA – 2W – Connect – Migration order – Expedited - Each additional sub-loop	54.53		
		USLA – 4W - Connect – New order – 1st sub-loop	96.13		
		USLA –4W - Connect – New order – Expedited - 1st sub-loop	129.91		
		USLA – 4W – Connect – New order - Each additional sub-loop	52.70		
		USLA – 4W – Connect – New order – Expedited - Each additional sub-loop	71.22		
		USLA – 4W - Connect – Migration order – 1st sub-loop	97.49		
		USLA –4W - Connect – Migration order – Expedited - 1st sub-loop	131.74		
		USLA – 4W – Connect – Migration order – Each additional sub-loop	48.51		
		USLA – 4W – Connect – Migration order – Expedited - Each additional sub-loop	65.55		
		Line Sharing – 1 Link – Per location dispatched – Per occurrence	35.12		
		Line Sharing – 2-9 Links – Per location dispatched – Per occurrence	42.23		
		Line Sharing – 10+ Links – Per location dispatched – Per occurrence	48.01		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.7	Customer Not Ready			
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**
	Customer Not Ready	Per Occurrence	43.92	

(N)

1.3.8	Customer Misdirect – In			
	Customer Misdirect – In	Per Occurrence	51.21	
		Expedited - Per Occurrence	67.97	

1.3.9	Customer Misdirect - Out			
	Customer Misdirect - Out	Per Occurrence	87.89	
		Expedited - Per Occurrence	118.48	

1.3.10	Labor			
	Labor	Service Representative – Regular – Per hour or fraction thereof	42.96	
		Service Representative – Expedited – Per hour or fraction thereof	63.70	
		Technician – Regular – Per hour or fraction thereof	44.46	
		Technician – Expedited – Per hour or fraction thereof	60.23	

1.3.11	SMDI Non-Recurring			
	Link	Connect – Per Link	29.52	
		Disconnect – Per Link	7.19	

(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges (T)

1.3.12	Other NRCs				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Line and Station Transfer	NRC - Per link	TBD		
		NRC - Per link - Expedited	TBD		(N)
	Engineering Query	NRC – Per link	105.22		(X)
		NRC – Expedited - Per link	149.26		
	Engineering Work Order	NRC – Per link	495.94		
		NRC – Expedited - Per link	712.91		(X)
	Clear Defective Pair	NRC - Per Occurrence	TBD		(N)
	Reassignment of Non-Working Cable Pair	NRC - Per Occurrence	TBD		
	Binder Group Rearrangement	NRC - Per Occurrence	TBD		
	Repeater – Installation	NRC - Per Installation	TBD		
	Apparatus Case – Installation	NRC - Per Installation	TBD		
	Range Extenders – DS0 Installation	NRC - Per Installation	TBD		
	Range Extenders – DS1 Installation	NRC - Per Installation	TBD		
	Channel Unit to Universal/Cotted DLC System (Existing)	NRC - Per Occurrence	TBD		
	Serving Terminal-Installation/Upgrade	NRC - Per Occurrence	TBD		
	Activate Dead Copper	NRC - Per Occurrence	TBD		
	Multiplexer 1/0 – Installation	NRC - Per Installation	TBD		
	Multiplexer 1/0 – Reconfiguration	NRC - Per Occurrence	TBD		(N)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges (T)

1.3.12	Other NRCs				
ID	Service Category	Rate Element	Rate	USOC	
	Multiplexer 3/1 – Installation	NRC - Per Installation	TBD		(N)
	Multiplexer 3/1 – Reconfiguration	NRC - Per Occurrence	TBD		
	Multiplexer - Other – Installation	NRC - Per Installation	TBD		
	Move Drop Charge	NRC - Per Occurrence	TBD		
	Cross Connection – Existing Fiber Facility	NRC - Per Occurrence	TBD		
	Line Card – Installation	NRC - Per Installation	TBD		
	Copper Rearrangement	NRC - Per Occurrence	TBD		
	Central Office Terminal Installation	NRC - Per Installation	TBD		
	IDLC Only Condition	NRC - Per Installation	TBD		
	Other Required Modifications Charge	NRC - Per Occurrence	TBD		(N)
	Removal of Load Coils (under 21,000 feet)	NRC – Per link – First link	0.00		(X)
		NRC – Expedited - Per link – First Link	0.00		
		NRC – Per Additional link in Same Binder Group	0.00		
		NRC – Expedited – Per Additional link in Same Binder Group	0.00		
	Removal of Load Coils (under 27,000 feet)	NRC– Per link – First link	0.00		
		NRC – Expedited - Per link – First link	0.00		
		NRC – Per Additional link in Same Binder Group	0.00		
		NRC – Expedited – Per Additional link in Same Binder Group	0.00		(X)

1. Rates and Charges
1.3 Ordering of Service - Non Recurring Charges

1.3.12	Other NRCs				
ID	Service Category	Rate Element	Rate	USOC	
	Removal of One Bridged Tap	NRC – Per link	143.63		(X)
		NRC – Expedited - Per link	202.38		
	Removal of Multiple Bridged Taps	NRC– Per link	346.64		
		NRC – Expedited - Per link	488.45		
	Addition of ISDN Loop Extension Electronics	NRC – Per repeater	835.68		
		NRC – Expedited - Per repeater	843.56		
	Manual Loop Qualification	NRC– Per link	72.37		
		NRC – Expedited - Per link	97.86		(X)

1. Rates and Charges
1.4 Issuance, Payment and Crediting of Customer Bills

1.4.1 Additional Copies of Bills and Reports

ID	Service Category	Rate Element	Rate	USOC	
	Additional Copies	NRC - Per paper copy	21.05		
					(D)
		NRC - Per CD ROM	33.96		(T)
					(D)
					(D)
		NRC - Bill Data Tape (BDT)	0.00		(N)

1. Rates and Charges (X)

1.5 Reserved for Future Use (X)

2. Rates and Charges
2.1 Unbundled Network Elements (UNEs) (C)

Rates and charges for the individual UNEs are contained in the following subsections. (N)

2. Rates and Charges
2.2 Interoffice Transmission Facilities (N)

2.2.1	Interoffice Transmission Facilities			
ID	Service Category	Rate Element	Rate	USOC
	DS1	Monthly - Fixed	71.24	
		Monthly – Per mile	.13	
	DS3	Monthly - Fixed	554.72	
		Monthly – Per mile	3.60	
	STS-1	Monthly - Fixed	518.60	
		Monthly – Per mile	3.60	
	OC3	Monthly - Fixed	1,014.86	
		Monthly – Per mile	10.79	
	OC12	Monthly - Fixed	2,519.52	
		Monthly – Per mile	43.17	

(N)

2. Rates and Charges
2.3 Unbundled Multiplexer (N)

2.3.1	Unbundled Multiplexer			
ID	Service Category	Rate Element	Rate	USOC
	DS3/DS1 (3/1 mux)	Monthly	202.89	
	DS1/DS0 (1/0 mux)	Monthly	180.40	
	Channel Activation	NRC – Per channel	TBD	

(N)

2. Rates and Charges
2.4 Tandem Switching

2.4.1	Dedicated Tandem Trunk Ports				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Dedicated Tandem Trunk Ports	Monthly - Per DS1 port	72.14		
	TOPS Trunk Ports	Monthly - Per port	299.38		

2.4.2	Shared Tandem Trunk Ports			
ID	Service Category	Rate Element	Rate	USOC
	Shared Tandem Trunk Ports	Day - Per minute of use	.000593	
		Evening - Per minute of use	.001017	
		Night - Per minute of use	0.00	

2.4.3	Tandem Usage				
ID	Service Category	Rate Element	Rate	USOC	
	Tandem Switch Usage	Day - Per minute of use	.000737		
		Evening - Per minute of use	.000774		
		Night - Per minute of use	.000684		(N)

2. Rates and Charges
2.5 Links (Local Loops) (N)

2.5.1	Two Wire Links			
ID	Service Category	Rate Element	Rate	USOC
	Analog (Basic)	Urban – Monthly – Per link	11.97	
		Suburban – Monthly – Per link	16.04	
		Rural – Monthly – Per link	25.00	
	Digital (Premium)	Urban – Monthly – Per link	31.63	
		Suburban – Monthly – Per link	33.41	
		Rural – Monthly – Per link	63.74	

2.5.2	Four Wire Links			
ID	Service Category	Rate Element	Rate	USOC
	Analog (Basic) and Digital (HDSL Qualified)	Urban – Monthly – Per link	23.94	
		Suburban – Monthly – Per link	32.08	
		Rural – Monthly – Per link	50.00	
	56 KD	Urban – Monthly – Per link	44.14	
		Suburban – Monthly – Per link	46.38	
		Rural – Monthly – Per link	68.05	

2.5.3	High Capacity Links			
ID	Service Category	Rate Element	Rate	USOC
	1.544 Mbps Links	Urban – Monthly – Per link	133.46	
		Suburban – Monthly – Per link	132.26	
		Rural – Monthly – Per link	243.35	
	44.736 Mbps Links	Urban – Monthly – Fixed - Per link	679.24	
		Suburban – Monthly – Fixed - Per link	679.24	
		Rural – Monthly – Fixed - Per link	679.24	
		Urban – Monthly – Per ¼ mile - Per link	17.33	
		Suburban – Monthly – Per ¼ mile - Per link	17.33	
		Rural – Monthly – Per ¼ mile - Per link	17.33	

(N)

2. Rates and Charges
2.5 Links (Local Loops)

2.5.4	xDSL Qualified and Digital Designed Links			
ID	Service Category	Rate Element	Rate	USOC
	Digital Designed Link – ADSL Qualified	Urban – Monthly – Per link	11.97	
		Suburban – Monthly – Per link	16.04	
		Rural – Monthly – Per link	25.00	
	Digital Designed Link – HDSL Qualified	Urban – Monthly – Per link	11.97	
		Suburban – Monthly – Per link	16.04	
		Rural – Monthly – Per link	25.00	
	Manual Loop Qualification	Moved to Part M, Section 1, Page 44		
	Engineering Query	Moved to Part M, Section 1, Page 42		
	Engineering Work Order	Moved to Part M, Section 1, Page 42		
	Removal of Load Coils (under 21,000 feet)	Moved to Part M, Section 1, Page 43		
	Removal of Load Coils (under 27,000 feet)	Moved to Part M, Section 1, Page 43		
	Removal of One Bridged Tap	Moved to Part M, Section 1, Page 44		
	Removal of Multiple Bridged Taps	Moved to Part M, Section 1, Page 44		
	Addition of ISDN Loop Extension Electronics	Moved to Part M, Section 1, Page 44		
	Mechanized Loop Qualification	Monthly – Per link	0.62	
	Wideband Test Access	Monthly – Per link	1.87	
	Cooperative Testing	NRC – Per link	0.00	

(D)

(D)

2. Rates and Charges
2.6 Local Switching

(N)

2.6.1	Line Ports			
ID	Service Category	Rate Element	Rate	USOC
	Line Ports	Analog – Monthly – Per port	.71	
		Basic Rate ISDN – Monthly – Per port	19.25	
		Primary Rate ISDN – Monthly – Per port	343.51	
		Integrated Digital Loop Carrier Port (TR-08) – Monthly – Per port	73.96	
		DS1 DID/DOD/PBX – Monthly – Per port	72.14	
		Electronic Key Telephone Port – Monthly – Per port	19.25	
		Public Access Line Port – Monthly – Per port	.79	
		Coin Telephone Port – Monthly – Per port	1.11	
		SMDI II Port – Monthly – Per port	109.41	
	Line Port Features	Centrex Intercom Dialing – Monthly – Per port	.849200	
		Custom Ringing – Monthly – Per port	1.013100	
		Three Way Calling – Monthly – Per port	.200500	
		Customized Intercept – NRC – Per telephone number	14.79	
		Customized Intercept – Monthly – Per telephone number	.044355	
		Remote Call Forwarding – NRC – Per port	14.79	
		Remote Call Forwarding – Monthly – Per port	2.84	

(N)

2. Rates and Charges
2.6 Local Switching

2.6.1	Line Ports				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Line Port Traffic Study	NRC – Setup – Per study	42.11		
		Per week – Per study	28.54		
	Network Design Request	NRC – Per hour or fraction thereof	68.96		
	Line Port Service Charge - Other	NRC - Connect	8.45		
		NRC - Disconnect	1.15		
	Line Port Installation Charge	NRC - Connect	6.82		
		NRC - Disconnect	0.93		
	AIN Trigger Charge	NRC – Per query	0.00		
	Channel Activation Subsequent to Port Installation	NRC – Per channel	0.00		
	Centrex Platform Features	Intercom – Monthly	.051780		
		Announcement – Monthly	.555700		
		Three-way Conference – Monthly	.078500		
		Automatic Callback - Monthly	.208400		
		Distinctive Ringing - Monthly	.001300		
		Loudspeaker Paging - Monthly	2.962900		
		Selective Call Acceptance - Monthly	.020800		
		Selective Call Forwarding - Monthly	.003400		
		Selective Call Rejection - Monthly	.026600		
		Six-Way Conference - Monthly	0.487400		(N)

2. Rates and Charges
2.6 Local Switching

(N)

2.6.2	Trunk Ports			
ID	Service Category	Rate Element	Rate	USOC
	Dedicated Trunk Port	Monthly – Per port	72.14	
	Unbundled Shared Trunk Port	Day – Per MOU	.000385	
		Evening – Per MOU	.000661	
		Night/Weekend – Per MOU	.000000	

2.6.3	Usage			
ID	Service Category	Rate Element	Rate	USOC
	Local Switching	Day – Per MOU	.002425	
		Evening – Per MOU	.003199	
		Night – Per MOU	.001343	
	Unbundled Tandem Transport Charge (UTTC)	Day – Per MOU	.000328	
		Evening – Per MOU	.000565	
		Night – Per MOU	.000000	
	Unbundled Common Transport Charge (UCTC)	Day – Per MOU	.000714	
		Evening – Per MOU	.001226	
		Night – Per MOU	.000000	
	Unbundled Toll Common Transport Charge (UTCTC)	Day – Per MOU	.001164	
		Evening – Per MOU	.001901	
		Night – Per MOU	.000137	
	Tandem Transit Switching (TTS)	Day – Per MOU	.001922	
		Evening – Per MOU	.002809	
		Night – Per MOU	.000684	

(N)

2. Rates and Charges
2.6 Local Switching

2.6.3	Usage				
ID	Service Category	Rate Element	Rate	USOC	
	Unbundled Telephone Company Reciprocal Compensation (UNRCC)	Day – Per MOU	.002810		(N)
		Evening – Per MOU	.003860		
		Night – Per MOU	.001341		
	Unbundled TC Reciprocal Compensation (UCRCC)	Day – Per MOU	.002810		
		Evening – Per MOU	.003860		
		Night – Per MOU	.001341		

2.6.4	Trunk Features				
ID	Service Category	Rate Element	Rate	USOC	
	64 CCC Option	Per port, subject to availability	0.00		(N)

2. Rates and Charges
2.7 Access to Signaling Systems and Call Related Databases

2.7.1	Service Management System (SMS)				(N)
ID	Service Category	Rate Element	Rate	USOC	
	AIN Service Creation Development	NRC – Per service established	584.59	SEPSM	
		Access Ports - Monthly – Per login ID	1,121.64	SEN	
		Usage - Per scheduled 24 hour	1,963.76	SEURX	
	Certification Testing Development	Service Certification - Per quarter hour or fraction thereof	13.93	NR9TB	
	Help Desk Support Development	Per quarter hour or fraction thereof	14.71	SECPQ	
	AIN Customer Record Administration	AIN ISCP Record Provisioning – NRC - Per 15 minute increment	13.72	NR9TD	
		AIN ISCP Record – Monthly - Per record transaction	.009337	SM7	
		AIN ISCP Query - Per query – Per ACU	.000030		
		AIN SS7 Transport – Per query	.000963		
		Dips and Applications	TBD		(N)

2. Rates and Charges
2.8 Directory Assistance Services

2.8.1 Directory Assistance (N)

ID	Service Category	Rate Element	Rate	USOC
	Directory Assistance	Each Request for Information - Per 1 telephone number with Telephone Company branding - Per request	0.344971	
		Each Request for Information - Per 1 telephone number with TC branding - Per request	0.344971	
		Each Request for Information - Per 1 telephone number without branding	0.287011	
		Branding Surcharge – Per call (if applicable)	0.057960	

2.8.2 Directory Assistance with Call Completion (DACC)

ID	Service Category	Rate Element	Rate	USOC
	Directory Assistance with Call Completion (DACC)	Branded DA and Call Completion – Per request	0.5642671	
		Unbranded DA and Call Completion – Per request	0.506311	
		DACC Surcharge – Per call	0.219300	

2.8.3 Direct Access to Directory Assistance (DADA)

ID	Service Category	Rate Element	Rate	USOC
	Direct Access to Directory Assistance (DADA)	Each search request	0.037	
		Monthly Access Charge	4,000.00	

(N)

2. Rates and Charges
2.9 Operator Services

2.9.1 0+/Mechanized Operator Calls (N)

ID	Service Category	Rate Element	Rate	USOC
	0+/Mechanized Operator Calls	Calling card - Per request	0.141995	
		Collect - Per request	0.154524	
		Third Number - Per request	0.154524	
		Branding Surcharge – Per call – Per request	0.057960	

2.9.2 0- Operator Handled Calls

ID	Service Category	Rate Element	Rate	USOC
	0- Operator Handled Calls	Per work second	0.013280	
		Branding Surcharge – Per call (if applicable)	0.057960	

2.9.3 Inward Operator Services

ID	Service Category	Rate Element	Rate	USOC
	Inward Operator Services	Busy Line Verification/Interrupt - Per work second	0.026604	
		Branding Surcharge – Per call – Per request	0.057960	

(N)

2. Rates and Charges
2.10 Access to Operating Support Systems (OSS)

2.10.1	Direct Custom Access System (DCAS)				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	DCAS	Per transaction	.21		
		Customer Record Retrieval – Per view	.12		
		Record Change Charge – Per change	6.86		
		Design Change Charge – Per change	6.86		
		Data Entry Search Charge – Per 15 minute interval	6.86		
		Daily Usage File – Record Processing Cost	.001197		
		Daily Usage File – Per transmittal record	.000022		
		Daily Usage File – Data transmission per cartridge tape	14.36		
		Out of Scope Request – Note: Rates and charges to be determined on an individual case basis.	See Note		(N)

2. Rates and Charges
2.11 Number Portability (N)

There are no rates and charges contained in this section.

2. Rates and Charges
2.12 Network Interface Device (NID) and House and Riser Cable (N)

2.12.1 Network Interface Device				
ID	Service Category	Rate Element	Rate	USOC
	NID	2W - Monthly	0.36	
		4W - Monthly	0.72	
		Stand Alone NID (DS1 with smart jack) - Monthly – Per NID	5.88	
		Time and Materials – 1st 30 minutes – Per occasion	43.92	
		Time and Materials – Subsequent 30 minute period or fraction thereof – Per occasion	18.67	

2.12.2 House and Riser Cable				
ID	Service Category	Rate Element	Rate	USOC
	House and Riser	Riser - Building Access – Monthly – Per pair	.60	
		Riser - Floor Access – Monthly – Per floor risen – Per pair	.01	
		Horizontal - Building Access – Monthly – Per pair	.47	
		Horizontal - Floor Access – Monthly – Per floor risen – Per pair	.12	
		Building Setup Service Cost - NRC – Per 50 pair	134.04	
		Time and Materials – 1st 30 minutes – Per occasion	43.92	
		Time and Materials – Subsequent 30 minute period or fraction thereof – Per occasion	18.67	

(N)

2. Rates and Charges
2.13 Expanded Extended Loop (EEL)

2.13.1	Expanded Extended Loop (EEL)				(N)
ID	Service Category	Rate Element	Rate	USOC	
	EEL Test Charge	2W Analog Loop (Basic Link) - Urban - NRC - Per loop	11.07		
		2W Analog Loop (Basic Link) - Suburban - NRC - Per loop	12.33		
		2W Analog Loop (Basic Link) - Rural - NRC - Per loop	15.57		
		2W Digital Loop (ISDN Capable Link) - Urban - NRC - Per loop	21.49		
		2W Digital Loop (ISDN Capable Link) - Suburban - NRC - Per loop	22.86		
		2W Digital Loop (ISDN Capable Link) - Rural - NRC - Per loop	26.16		
		4W Analog Loop (Basic Link) - Urban - NRC - Per loop	34.30		
		4W Analog Loop (Basic Link) - Suburban - NRC - Per loop	36.51		
		4W Analog Loop (Basic Link) - Rural - NRC - Per loop	41.17		
		56 KD - Urban - NRC - Per loop	44.62		
		56 KD - Suburban - NRC - Per loop	46.74		
		56 KD - Rural - NRC - Per loop	52.63		(N)

2. Rates and Charges
2.13 Expanded Extended Loop (EEL)

2.13.1	Expanded Extended Loop (EEL)				(N)
ID	Service Category	Rate Element	Rate	USOC	
	EEL Test Charge	1.544 Mbps (DS1) Digital Loop (High Capacity Link) - Urban - NRC - Per loop	78.07		
		1.544 Mbps (DS1) Digital Loop (High Capacity Link) - Suburban - NRC - Per loop	81.12		
		1.544 Mbps (DS1) Digital Loop (High Capacity Link) - Rural - NRC - Per loop	121.26		
	DS0 IOF Mileage	Monthly - Fixed - Per VG/DS0 channel	31.80		
		Monthly - Per mile - Per VB/DS-channel	.0058		(N)

2. Rates and Charges

2.14 Reserved for Future Use (N)

There are no rates and charges contained in this section.

2. Rates and Charges
2.15 Unbundled Network Element-Platform (UNE-P) Combinations (N)

There are no rates and charges contained in this section.

2. Rates and Charges

2.16 Reserved for Future Use (N)

There are no rates and charges contained in this section.

2. Rates and Charges
2.17 Unbundled Dark Fiber

2.17.1 Unbundled Dark Fiber (N)

ID	Service Category	Rate Element	Rate	USOC
	Unbundled Dark Fiber	Monthly – Per mile	50.33	
		Monthly – Fixed – Per serving wire center	3.68	
		Monthly – Fixed – Per customer premises	6.06	
		Monthly – Fixed – Per intermediate central office	6.65	
		Monthly – Fixed – Per remote terminal	10.24	
		Monthly – Fixed – Per TC CO/POP	5.51	
		Unusable Dark Fiber - Monthly – Per mile	0.00	
		Field Installation – IOF – Connect - NRC	91.34	
		Field Installation – IOF – Connect – Expedited - NRC	123.43	
		Field Installation – Loop – Connect - NRC	91.34	
		Field Installation – Loop – Connect – Expedited - NRC	123.43	
		Records Review – NRC - Per fiber pair	207.16	
		Cable Documentation – NRC – Per request	84.34	
		Intermediate Office Charge – Connect – Per fiber pair	21.13	
		Intermediate Office Charge – Disconnect – Per fiber pair	13.98	
		Intermediate Office Charge – Connect – Expedited - Per fiber pair	27.39	
		Intermediate Office Charge – Disconnect – Expedited - Per fiber pair	18.12	

(N)

2. Rates and Charges
2.17 Unbundled Dark Fiber

2.17.1 Unbundled Dark Fiber					
ID	Service Category	Rate Element	Rate	USOC	(N)
	Unbundled Dark Fiber	Fiber Layout Map - Time and Materials – Network transport engineering planning – Per hour of fraction thereof – Per occasion	50.03		
		Fiber Layout Map - Time and Materials – Network transport engineering planning – Expedited - Per hour of fraction thereof – Per occasion	67.37		
		Fiber Layout Map - Time and Materials – Network transport engineering design – Per hour or fraction thereof - Per occasion	50.03		
		Fiber Layout Map - Time and Materials – Network transport engineering design – Expedited - Per hour or fraction thereof - Per occasion	67.37		
		Field Survey - Time and Materials – Network transport engineering planning – Per hour of fraction thereof – Per occasion	50.03		
		Field Survey - Time and Materials – Network transport engineering planning – Expedited - Per hour of fraction thereof – Per occasion	67.37		
		Field Survey - Time and Materials – Network transport engineering design – Per hour or fraction thereof - Per occasion	50.03		
		Field Survey - Time and Materials – Network transport engineering design – Expedited - Per hour or fraction thereof - Per occasion	67.37		(N)

2. Rates and Charges
2.17 Unbundled Dark Fiber

2.17.1	Unbundled Dark Fiber				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Unbundled Dark Fiber	Field Survey - Time and Materials – Outside plant operations (splicer) – Per hour of fraction thereof – Per occasion	45.21		
		Field Survey - Time and Materials – Outside plant operations (splicer) – Expedited - Per hour or fraction thereof - Per occasion	58.20		
		Field Survey - Time and Materials – Central office frame – Per hour of fraction thereof – Per occasion	42.95		
		Field Survey - Time and Materials – Central office frame – Expedited - Per hour or fraction thereof - Per occasion	59.68		
		Splicing - Time and Materials – Outside plant operations (splicer) – Per hour of fraction thereof – Per occasion	45.21		
		Splicing - Time and Materials – Outside plant operations (splicer) – Expedited - Per hour or fraction thereof - Per occasion	58.20		
		Splicing - Time and Materials – Central office frame – Per hour of fraction thereof – Per occasion	42.95		
		Splicing - Time and Materials – Central office frame – Expedited - Per hour or fraction thereof - Per occasion	59.68		
		Testing - Time and Materials – Outside plant operations (splicer) – Per hour of fraction thereof – Per occasion	45.21		
		Testing - Time and Materials – Outside plant operations (splicer) – Expedited - Per hour or fraction thereof - Per occasion	58.20		
		Testing - Time and Materials – Central office frame – Per hour of fraction thereof – Per occasion	42.95		
		Testing - Time and Materials – Central office frame – Expedited - Per hour or fraction thereof - Per occasion	59.68		(N)

2. Rates and Charges
2.18 Unbundled Sub-Loop Arrangement

2.18.1	USLA			
ID	Service Category	Rate Element	Rate	USOC
	TOPIC Interconnection	Application Fee - Per request	2,500.00	
		FDI Serving Address Inquiry - Per request - Note: NRC will be determined on an individual case basis	See Note	
		Preliminary Engineering Records Review - Per request - Note: NRC will be determined on an individual case basis	See Note	
		TOPIC Interconnection - Per request - Note: NRC will be determined on an individual case basis	See Note	
	USLA Sub-Loop	Urban - 2W - Monthly - Per sub-loop	4.42	
		Suburban - 2W - Monthly - Per sub-loop	4.91	
		Rural - 2W - Monthly - Per sub-loop	7.50	
		Urban - 4W - Monthly - Per sub-loop	7.54	
		Suburban - 4W - Monthly - Per sub-loop	8.00	
		Rural - 4W - Monthly - Per sub-loop	13.06	
	Engineering Query	Moved to Part M, Section 1, Page 42		
	Conditioning Options	Moved to Part M, Section 1, Pages 43 & 44 (includes Removal of Load Coils, Removal of Bridge Taps and Addition of ISDN Loop Extension Electronics)		

(D)
(D)

2. Rates and Charges
2.19 Line Sharing

2.19.1	Line Sharing				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Mechanized Loop Qualification	Monthly - Per link	.62		
	Optional Wideband Test Access	Monthly - Per line	1.87		
	Pair Swap		0.00		
	XDSL Qualified and Digital Designed Links	Note: Refer to Part M, Section 2.5	See Note		
	Splitter Arrangement	NRC – Note: Refer to Part M, Section 5.2.10	See Note		
	Joint Meet Testing		0.00		
	Cooperative Testing	NRC – per loop	0.00		(N)

3. Rates and Charges
3.1 Switched Interconnection Services (C)

3.1.1 Switched Interconnection Services (N)

ID	Service Category	Rate Element	Rate	USOC
	Recording Service i/c/w Tandem Subtending Arrangement	Assembly, Editing and Formatting – Per record processed	0.001197	
		Assembly, Editing and Formatting – Per tape or data file	14.36	
	Combined Trunk Call Record Review and Bill Processsing	Per CIC	Time and Material charges	

3.1.2 Meet Point A Arrangements

ID	Service Category	Rate Element	Rate	USOC
	Local Usage	Day – Per access minute	0.002810	
		Evening – Per access minute	0.003860	
		Night – Per access minute	0.001341	
	Billing Platform Charge	Two-Way RTET – Monthly – Per DS1	14.28	
		Two-Way RTET – Monthly – Per DS3	399.84	
	Billing Platform Configuration	NRC – Connect - Per RTET trunk group	26.15	
		NRC – Disconnect - Per RTET trunk group	7.69	

3.1.3 Meet Point B Arrangements

ID	Service Category	Rate Element	Rate	USOC
	Local Usage	Day – Per access minute	0.002810	
		Evening – Per access minute	0.003860	
		Night – Per access minute	0.001341	
	Tandem Transit Service Usage	Day – Per access minute	0.002250	
		Evening – Per access minute	0.003374	
		Night – Per access minute	0.000684	
	Billing Platform Charge	Two-Way RTET – Monthly – Per DS1	14.28	
		Two-Way RTET – Monthly – Per DS3	399.84	
	Billing Platform Configuration	NRC – Connect - Per RTET trunk group	26.15	
		NRC – Disconnect - Per RTET trunk group	7.69	

(N)

3. Rates and Charges
3.1 Switched Interconnection Services

3.1.4	Meet Point C Arrangements				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Local Usage	Day – Per access minute	0.002425		
		Evening – Per access minute	0.003199		
		Night – Per access minute	0.001343		
	Meet Point C Arrangement	Monthly – Per DS1 line port	18.49		

3.1.5	Common Channel Signaling Network Interconnection (CCS/SS7)				
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	SS7 Signaling Modifications per Telephone Company STP Pair	Rehome D Link – NRC - Connect	120.10		
		A Link to D Link Conversion – NRC - Connect	90.08		
		Change in Hub Providers – NRC - Connect	60.05		
		Additional Charge per 10 Originating TC NPA/NXX Input – NRC - Connect	15.01		
	Common Channel Signaling Network Interconnection	STP Port – Monthly - Per port	766.00		
		Service Access Charge – Monthly – Per STP port	0.64		
		Signaling Link - Monthly	15.90		
		Signaling Usage Rate – Per message	0.000114		
		Assumed Usage Rate – Monthly - Per line port	.20		
		Order Processing Charge – Connect – NRC - Per request for new installation or modification of existing signaling network interconnection	172.15		
		Order Processing Charge – Disconnect – NRC - Per request for new installation or modification of existing signaling network interconnection	17.46		(N)

3. Rates and Charges
3.1 Switched Interconnection Services

3.1.5	Common Channel Signaling Network Interconnection (CCS/SS7)				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Common Channel Signaling Network Interconnection	Installation – Connect - NRC	54.40		
		Installation – Disconnect - NRC	7.41		
		STP Translation A Links – Basic ISUP and TC to TC – Connect – NRC – Per STP pair modified	90.08		
		STP Translation A Links – ISUP + TCAP – Connect – NRC – Per STP pair modified	120.10		
		STP Translation A Links – 800 DB Queries, LIDB Queries, CLASS Features, Calling Name, AIN Queries (Telephone Company) – Connect – NRC – Per STP pair modified	60.05		
		STP Translation A Links – CLASS Features – Additional NRC per 10 originating TC NPA-NXX input – Per STP pair modified	15.01		
		STP Translation D Links – Basic ISUP – Connect – NRC – Per STP pair modified	150.13		
		STP Translation D Links – ISUP + TCAP – Connect – NRC – Per STP pair modified	210.18		(N)

3. Rates and Charges
3.1 Switched Interconnection Services

3.1.5	Common Channel Signaling Network Interconnection (CCS/SS7)				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Common Channel Signaling Network Interconnection	STP Translation D Links – 800 DB Queries, LIDB Queries, CLASS Features, Calling Name – Connect – NRC – Per STP pair modified	60.05		
		STP Translation D Links – CLASS Features – Additional NRC per 10 originating TC NPA-NXX input – Per STP pair modified	15.01		
		STP Translation D Links - AIN Queries (Telephone Company), TC to TC – Connect – NRC – Per STP pair modified	90.08		
		STP Translation D Links – TC to TC – Additional of subsequent TC originating point codes to Telephone Company STP pair - Connect – NRC – Per originating TC originating point code	30.03		
		STP Translation D Links - End Office Translations – NRC – Connect – Per Telephone Company end office modified – Per TC originating point code	5.10		
		SS7 Certification Testing Set Up – MTP Levels 2 and 3 - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	352.43		
		SS7 Certification Testing Set Up – ISUP - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	352.43		
		SS7 Certification Testing Set Up – 800 DB Queries, LIDB Queries, CLASS Features, Calling Name - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	44.05		(N)

3. Rates and Charges
3.1 Switched Interconnection Services

3.1.5	Common Channel Signaling Network Interconnection (CCS/SS7)				(N)
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Common Channel Signaling Network Interconnection	SS7 Certification Testing Set Up – AIN - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected – Note: Rates and charges to be determined on an individual case basis.	See Note		
		SS7 Certification Testing – MTP Levels 2 and 3 - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	425.10		
		SS7 Certification Testing – ISUP - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	637.66		
		SS7 Certification Testing – 800 DB Queries - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	53.14		
		SS7 Certification Testing – Calling Name, LIDB Queries, CLASS Features - Connect – NRC - Per TC switch type and generic – Per Telephone Company STP pair connected	26.57		(N)

3. Rates and Charges
3.1 Switched Interconnection Services

3.1.6 Line Information Data Base (LIDB) Access Service (N)

ID	Service Category	Rate Element	Rate	USOC
	LIDB Access	LIDB SCP query - Per query	0.001214	

3.1.7 LIDB Record Management

ID	Service Category	Rate Element	Rate	USOC
	LIDB Record Management	Record Charge - Per record – Per month after 5 year recovery period	.002300	
		Database Load - Less than or equal to 10,000 records - Per hour	38.47	
		Database Load - Greater than 10,000 records - Per hour	158.57	

3.1.8 800 Data Base Access Service

ID	Service Category	Rate Element	Rate	USOC
	800 Data Base Access Service	800 Service Provider Identification Charge – Per query	0.000880	
		800 to Local Number Translation – Per query	0.000880	
		Call Handling and Destination Feature – Per query	0.000880	

3.1.9 E911 Access

ID	Service Category	Rate Element	Rate	USOC
	E911	DS1 IOF – Mileage - Fixed	71.24	
		DS1 IOF – Mileage – Per mile	0.13	
		Dedicated Tandem Trunk Port – Monthly - Per E911 trunk (based on 1/24 of the monthly dedicated tandem trunk port charge)	3.73	

(N)

4. Rates and Charges
4.1 Reserved for Future Use

5. Rates and Charges
5.1 Collocation

Rates and charges for collocation services are contained in the following subsections.

5. Rates and Charges
5.2 Physical Collocation

5.2.1 Application Fees

ID	Service Category	Rate Element	Rate	USOC
	Collocation Arrangement	Application Fee	5,000.00	

5.2.2 Space Conditioning

ID	Service Category	Rate Element	Rate	USOC
	Multiplexing Node	25 Square Feet - NRC	8,378.00	SP1E5
		100 Square Feet - NRC	9,686.00	SP1E6
		300 Square Feet - NRC	11,917.00	SP1E7
		Additional 20 Square Feet - NRC	262.00	SP1E8

5.2.3 Occupancy

ID	Service Category	Rate Element	Rate	USOC	
	Building Expense	Monthly - Per square foot	2.57	SP1LW	
	POT Bay Frame	NRC - Per Option 1	1,096.00	SP1LZ	
		NRC - Per Option 2	283.00	SP1L1	
		Monthly - Per Option 1	30.72	SP1LZ	
		Monthly - Per Option 2	17.97	SP1L1	
	DC Power	Urban - Monthly – Greater than 60 amps - Per load amp on each feed	8.99	SP1JV	(I)
		Suburban - Monthly – Greater than 60 amps - Per load amp on each feed	9.87	SP1JV	(I)
		Rural - Monthly – Greater than 60 amps - Per load amp on each feed	12.24	SP1JV	(I)
		Urban - Monthly – Less than or equal to 60 amps - Per load amp on each feed	9.62*	SP1JW	(I)
		Suburban - Monthly – Less than or equal to 60 amps - Per load amp on each feed	10.50*	SP1JW	(I)
		Rural - Monthly – Less than or equal to 60 amps - Per load amp on each feed	12.87*	SP1JW	(I)

Lisa M Thorne

5. Rates and Charges
5.2 Physical Collocation

5.2.4	Service Access Charge (SAC)				
ID	Service Category	Rate Element	Rate	USOC	(X)
	SAC POT Bay Termination	Monthly - Per 2W VG	.09	SP1LA	
		Monthly - Per 4W VG	.18		
		Monthly - Per DS1	.35	SP1LD	(X)

5. Rates and Charges
5.2 Physical Collocation

5.2.4	Service Access Charge (SAC)				
ID	Service Category	Rate Element	Rate	USOC	
	SAC POT Bay Termination	Monthly - Per DS3	.64	SP1LE	(X)
		Monthly - Per 2 fibers	3.81	SP1LG	
		Monthly - Per OC3	3.81	SP1LH	
		Monthly - Per OC12	3.81	SP1LJ	
		Monthly - Per OC48	3.81	SP1LK	
	SAC Cable and Frame Termination	Monthly - Per 2W VG	.23	SP1LP	
		Monthly - Per 4W VG	.46		
		Monthly - Per DS1	1.39	SP1LR	
		Monthly - Per DS3	28.20	SP1LS	
		Monthly - Per 2 fibers	5.99	SP1LO	
		Monthly - Per OC3	5.99	SP1LT	
		Monthly - Per OC12	5.99	SP1LU	
		Monthly - Per OC48	5.99	SP1LV	

5.2.5	Cable Placement and Splicing			
ID	Service Category	Rate Element	Rate	USOC
	Cable Pull and Splice	Note: Rates and charges are determined on an individual case basis. Labor charges are incurred at the rates contained in Part M	See Note	

5.2.6	Escorting			
ID	Service Category	Rate Element	Rate	USOC
	Escorting	Per Technician - First half hour or fraction thereof	21.20	NRBHH
		Per Technician - Each additional quarter hour or fraction thereof	10.60	NRBHH

5. Rates and Charges
5.2 Physical Collocation

5.2.7	Conduit			
ID	Service Category	Rate Element	Rate	USOC
	Space and Conduit	Serving Wire Center Manhole to Collocated Customer's Cage - Monthly - Per foot, per duct	.18	SP1CF
		Serving Wire Center Manhole to Collocated Customer's Cage - Monthly - Per foot, per half duct	.09	

5.2.8	Site Survey/Report			
ID	Service Category	Rate Element	Rate	USOC
	Site Survey/Report	NRC - Per request	1,086.86	

5.2.9	Security Access Cards				
ID	Service Category	Rate Element	Rate	USOC	
	Security Access Cards	NRC - Per card	17.36		(N)
		NRC - Per 5 cards	86.78		

5.2.10	Splitter Arrangements			
ID	Service Category	Rate Element	Rate	USOC
	NRCs	Application Fee – Augment-Rearrangement of Equipment – Note: Refer to Part M, Section 5.3.1	See Note	
		Engineering and Implementation – Augment-Rearrangement of Equipment – Note: Refer to Part M, Section 5.3.2	See Note	
		Splitter Installation – Telephone Company installation – Per shelf	575.64	
	Splitter Support	Monthly – Option C – Per shelf	3.30	
	Administration and Support of Splitter	Monthly – Option A – Per shelf	1.58	
	Maintenance, Administration and Support of Splitter	Monthly – Option C – Per shelf	4.99	

5. Rates and Charges
5.2 Physical Collocation

5.2.11	Miscellaneous Collocation Power Service Charge				(X)(T)
ID	Service Category	Rate Element	Rate	USOC	
	Miscellaneous Collocation Power Service	NRC - Note: The escort NRC applies. Refer to Part M, Section 5.2.6	See Note		(X)

5. Rates and Charges
5.3 Virtual Collocation

5.3.1	Application Fees			
ID	Service Category	Rate Element	Rate	USOC
	Initial Arrangement	NRC	3500.00	SP1AV
	Subsequent Arrangement	NRC	3500.00	SP1AV
	Augment - Rearrangement of Equipment	NRC	1500.00	SP1AQ

5.3.2	Engineering and Implementation				
ID	Service Category	Rate Element	Rate	USOC	
	Initial Arrangement	NRC	1,632.30	SP1D1	(I)
	Subsequent Arrangement	NRC	492.08		
	Augment - Rearrangement of Equipment	NRC	1,453.09	SP1D3	(I)
	Software Upgrades/ Additional Card per Shelf	NRC	149.30	SP1D4	

5.3.3	Installation/Acceptance Testing			
ID	Service Category	Rate Element	Rate	USOC
	OC3 Equipment	NRC	1,242.50	NRBH2
	OC12 Equipment	NRC	1,242.50	NRBH3
	OC48 Equipment	NRC	1,242.50	NRBH4
	Litespan Equipment	NRC	1,242.50	NRBYL

5. Rates and Charges
5.3 Virtual Collocation

5.3.4	Interconnection Access Charge (IAC)			
ID	Service Category	Rate Element	Rate	USOC
	IAC	NRC - Per 100 VG 2 wire	194.07	NRBHO
		NRC - Per 50 VG 4 wire	194.07	NRBHZ
		NRC - Per 28 DS1	123.99	NRBHX
		NRC - Per DS3	133.91	NRBHY
		NRC - Per two fibers	94.34	NRB1T
		NRC - Per OC3	94.34	NRBHU
		NRC - Per OC12	94.34	NRBHV
		NRC - Per OC48	94.34	NRBH9
		Monthly - Per VG 2 wire	.04	CXU0B
		Monthly - Per VG 4 wire	.07	CXU0C
		Monthly - Per DS1	.69	CXUDA
		Monthly - Per DS3 with one transmit and one receive	14.60	CXUEA
		Monthly - Per 2 fibers with one transmit and one receive	4.82	C2X1A
		Monthly - Per OC3	4.82	CXUMA
		Monthly - Per OC12	4.82	CXUNA
		Monthly - Per OC48	4.82	CXUZA

5.3.5	Fiber Placement and Splicing			
ID	Service Category	Rate Element	Rate	USOC
	Fiber Placement and Splicing	Labor - Per Outside Plant Technician - Per hour or fraction thereof	57.16	NRBH7
		Labor - Per Outside Plant Engineer - Per hour or fraction thereof	70.18	

5. Rates and Charges
5.3 Virtual Collocation

5.3.6	Entrance Fiber Termination			
ID	Service Category	Rate Element	Rate	USOC
	Entrance Fiber Termination	Monthly - Per 12 Fibers Terminated to Fiber Fame	21.74	SP1FV

5.3.7	Fiber Distribution Frame (FDF)			
ID	Service Category	Rate Element	Rate	USOC
	Fiber Distribution Frame to Virtual Serving Arrangement	Monthly - Per 2 Fibers Terminated to Fiber Fame	2.35	SP1JT

5.3.8	Direct Current				
ID	Service Category	Rate Element	Rate	USOC	
	DC Power	Urban – Monthly - Less than or equal to 60 amps - Per load amp on each feed * Rates Effective 06-25-04	9.62*	SP1DA	(I)
		Suburban – Monthly - Less than or equal to 60 amps - Per load amp on each feed * Rates Effective 06-25-04	10.50*	SP1DA	(I)
		Rural – Monthly - Less than or equal to 60 amps - Per load amp on each feed * Rates Effective 06-25-04	12.87*	SP1DA	(I)

5.3.9	Equipment Support			
ID	Service Category	Rate Element	Rate	USOC
	Equipment Support	Monthly - Per half rack or fraction thereof	23.11	SP1MV

5.3.10	Spare Cabinet			
ID	Service Category	Rate Element	Rate	USOC
	Spare Cabinet	Monthly - Per half rack or fraction thereof	8.99	SP1CQ

Lisa M Thome

5. Rates and Charges
5.3 Virtual Collocation

5.3.11 Training

ID	Service Category	Rate Element	Rate	USOC
	Training Time	Per Technician - First half hour or fraction thereof	21.20	NRBH8
		Per Technician - Each additional quarter-hour or fraction thereof	10.60	NRBH8

(X)
(X)

5.3.12 Maintenance or Service Activity/Additional Labor Charges

ID	Service Category	Rate Element	Rate	USOC
	Labor	Per Occurrence - Per Technician - First half hour or fraction thereof	21.20	NRBYN
		Per Occurrence - Per Technician - Each additional quarter hour or fraction thereof	10.60	NRBYN
	Escorting	Note: - Refer to Part M, Section 5.2.6	See Note	
		Note: - Refer to Part M, Section 5.2.6	See Note	

5.3.13 Miscellaneous Collocation Power Service Charge

ID	Service Category	Rate Element	Rate	USOC
	Miscellaneous Collocation Power Service	NRC - Note: The escort NRC applies. Refer to Part M, Section 5.2.6	See Note	

5. Rates and Charges
5.4 Microwave Collocation

5.4.1	Space and Facilities			
ID	Service Category	Rate Element	Rate	USOC
	Space and Facilities	Note: Rates and charges are determined on an individual case basis	See Note	

5.4.2	Cable Rack			
ID	Service Category	Rate Element	Rate	USOC
	Cable Rack	Note: Rates and charges are determined on an individual case basis	See Note	

5.4.3	Conduit			
ID	Service Category	Rate Element	Rate	USOC
	Space and Conduit	Serving Wire Center Manhole to Collocated Customer's Cage - Monthly - Per foot, per duct and per half duct. Note: Refer to Part M, Section 5.2.7	See Note	SP1CF

5.4.4	Emergency Power and/or Environmental Support			
ID	Service Category	Rate Element	Rate	USOC
	Special Work	Note: Rates and charges are determined on an individual case basis	See Note	

5.4.5	Escorting			
ID	Service Category	Rate Element	Rate	USOC
	Escorting	Note: Refer to Part M, Section 5.2.6	See Note	
		Note: Refer to Part M, Section 5.2.6	See Note	

5.4.6	Building Penetration			
ID	Service Category	Rate Element	Rate	USOC
	Building Penetration	Note: Rates and charges are determined on an individual case basis	See Note	

5. Rates and Charges
5.5 Interconnection Between Collocated Spaces

5.5.1 Dedicated Transit Service (DTS)

ID	Service Category	Rate Element	Rate	USOC	
	Service Order	Standard Interval - Per order	74.79	NRBHA	(C)
		Expedited Interval - Per order	82.27	NRBHA	(C)
	Manual Intervention Surcharge	NRC - Per order	43.44		(N)
		NRC - Expedited - Per order	47.79		
	Service Connection/ Circuit Provisioning - Connect	Standard Interval - Per voice grade	107.14		
		Expedited Interval - Per voice grade	151.31		(N)
		Standard Interval - Per DS1	115.57	NRBYK	(C)
		Expedited Interval - Per DS1	165.57	NRBYK	(C)
		Standard Interval - Per DS3/STS-1	164.04		(N)
		Expedited Interval - Per DS3/STS-1	242.09		
		Standard Interval – Dark Fiber, per pair	164.04		
		Expedited Interval – Dark Fiber, per pair	242.09		
		Standard Interval – Lit fiber	ICB		
		Expedited Interval – Lit fiber	ICB		
	Service Connection/ Circuit Provisioning - Disconnect	Standard Interval - Per voice grade	27.22		
		Expedited Interval - Per voice grade	37.07		
		Standard Interval - Per DS1	43.69	NRBYK	
		Expedited Interval - Per DS1	62.18	NRBYK	
		Standard Interval - Per DS3/STS-1	50.70		
		Expedited Interval - Per DS3/STS-1	72.80		
		Standard Interval – Dark Fiber, per pair	50.70		
		Expedited Interval – Dark Fiber, per pair	72.80		
		Standard Interval – Lit fiber	ICB		
		Expedited Interval – Lit fiber	ICB		(N)

5. Rates and Charges
5.5 Interconnection Between Collocated Spaces

5.5.1	Dedicated Transit Service (DTS)				
ID	Service Category	Rate Element	Rate	USOC	
	SAC SPOT Bay Termination	Monthly – Note: Refer to Part M, Section 5.2	See Note		(N)
	SAC Cable and Frame Termination	Monthly – Note: Refer to Part M, Section 5.2	See Note		
	IAC	Monthly – Note: Refer to Part M, Section 5.3	See Note		(N)

5.5.2	Dedicated Cable Support (DCS)				(X)
ID	Service Category	Rate Element	Rate	USOC	
	DCS	Engineering, Installation, and Materials - Note: Rates and charges are determined on an individual case basis	See Note		(X)

5. Rates and Charges
5.6 Secured Collocation Open Physical Environment (SCOPE)

5.6.1 Implementation Fees (T)

ID	Service Category	Rate Element	Rate	USOC	
	Application Fee	NRC	1,500.00		(T)(R)
	Engineering and Administration Fee	NRC	2,238.69		(N) (N)

5.6.2 Construction

ID	Service Category	Rate Element	Rate	USOC
	SCOPE Construction	NRC - Per bay	1,776.00	

5.6.3 Space and Facilities

ID	Service Category	Rate Element	Rate	USOC
	Building	Monthly - Per equipment bay	38.51	SP1L9

5.6.4 Service Access Charge (SAC)

ID	Service Category	Rate Element	Rate	USOC
	SAC SPOT Bay Termination	Note: Monthly - Refer to Part M, Section 5.2.4	See Note	
	SAC Cable and Frame Termination	Note: Monthly - Refer to Part M, Section 5.2.4	See Note	

5.6.5 SPOT Bay Frame

ID	Service Category	Rate Element	Rate	USOC
	Voice Grade	NRC - Per 200 pair	107.45	SP1L2
		Monthly - Per 200 pair	1.34	SP1L2
	DS1	NRC - Per 28 DS1s	42.98	SP1L6
		Monthly - Per 28 DS1s	0.54	SP1L6
	DS3	NRC - Per DS3	3.58	SP1L7
		Monthly - Per DS3	0.04	SP1L7
	12 Fiber	NRC - Per 12 Fibers	26.86	SP1L8
		Monthly - Per 12 fibers	0.34	SP1L8

5. Rates and Charges
5.6 Secured Collocation Open Physical Environment (SCOPE)

5.6.6	Escorting			
ID	Service Category	Rate Element	Rate	USOC
	Escorting	Note: Refer to Part M, Section 5.2.6	See Note	

5.6.7	Cable			
ID	Service Category	Rate Element	Rate	USOC
	Cable Pull and Splice	Note: Monthly - Refer to Part M, Section 5.2.5	See Note	

5.6.8	Occupancy			
ID	Service Category	Rate Element	Rate	USOC
	DC Power	Note: Monthly - Refer to Part M, Section 5.2.3	See Note	

5.6.9	Conduit			
ID	Service Category	Rate Element	Rate	USOC
	Space and Conduit	Note: Monthly - Refer to Part M, Section 5.2.7	See Note	

5.6.10	Site Survey/Report			
ID	Service Category	Rate Element	Rate	USOC
	Site Survey/Report	Note: NRC - Refer to Part M, Section 5.2	See Note	

5.6.11	Security Access Cards			
ID	Service Category	Rate Element	Rate	USOC
	Security Access Cards	Note: NRC - Refer to Part M, Section 5.2	See Note	

5. Rates and Charges
5.6 Secured Collocation Open Physical Environment (SCOPE)

5.6.12	Miscellaneous Collocation Power Service Charge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Miscellaneous Collocation Power Service	NRC - Note: The escort NRC applies. Refer to Part M, Section 5.2.6	See Note		(N)

5. Rates and Charges
5.7 Shared Cages

There are no rates and charges contained herein.

5. Rates and Charges
5.8 Reserved for Future Use

There are no rates and charges contained herein.

5. Rates and Charges
5.9 Cageless Collocation Open Environment (CCOE)

5.9.1	Application Fees			
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**
	Initial Arrangement	Note: NRC - Refer to Part M, Section 5.3	See Note	

5.9.2	Site Survey/Report			
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**
	Site Survey/Report	Note: NRC - Refer to Part M, Section 5.2	See Note	

5.9.3	Engineering and Implementation			
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**
	Initial Arrangement	Note: NRC - Refer to Part M, Section 5.3	See Note	

5.9.4	SPOT Bay Frame			
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**
	Voice Grade	Note: NRC - Refer to Part M, Section 5.6	See Note	
		Note: Monthly - Refer to Part M, Section 5.6	See Note	
	DS1	Note: NRC - Refer to Part M, Section 5.6	See Note	
		Note: Monthly - Refer to Part M, Section 5.6	See Note	
	DS3	Note: NRC - Refer to Part M, Section 5.6	See Note	
		Note: Monthly - Refer to Part M, Section 5.6	See Note	
	12 Fiber	Note: NRC - Refer to Part M, Section 5.6	See Note	
		Note: Monthly - Refer to Part M, Section 5.6	See Note	

5. Rates and Charges
5.9 Cageless Collocation Open Environment (CCOE)

5.9.5	Service Access Charge (SAC)			
ID	Service Category	Rate Element	Rate	USOC
	SAC SPOT Bay Termination	Note: Monthly - Refer to Part M, Section 5.2	See Note	
	SAC Cable and Frame Termination	Note: Monthly - Refer to Part M, Section 5.2	See Note	

5.9.6	Security Access Cards			
ID	Service Category	Rate Element	Rate	USOC
	Security Access Cards	Note: NRC - Refer to Part M, Section 5.2	See Note	

5.9.7	Space and Conditioning			
ID	Service Category	Rate Element	Rate	USOC
	Building	Monthly - Per equipment bay	62.23	

5.9.8	Cable			
ID	Service Category	Rate Element	Rate	USOC
	Cable Pull and Splice	Note: Rates and charges are determined on an individual case basis. Refer to Part M, Section 5.3.5 for labor rates.	See Note	

5.9.9	Occupancy			
ID	Service Category	Rate Element	Rate	USOC
	DC Power	Note: Monthly - Refer to Part M, Section 5.2	See Note	

5.9.10	Conduit			
ID	Service Category	Rate Element	Rate	USOC
	Space and Conduit	Note: Monthly - Refer to Part M, Section 5.2	See Note	

5. Rates and Charges
5.9 Cageless Collocation Open Environment (CCOE)

5.9.11	Cageless Security			
ID	Service Category	Rate Element	Rate	USOC
	Cageless Security	Monthly - Per equipment bay	114.02	SP1J8

5.9.12	Escorting			
ID	Service Category	Rate Element	Rate	USOC
	Escorting	Note: Refer to Part M, Section 5.2	See Note	

5.9.13	Miscellaneous Collocation Power Service Charge				(N)
ID	Service Category	Rate Element	Rate	USOC	
	Miscellaneous Collocation Power Service	NRC - Note: The escort NRC applies. Refer to Part M, Section 5.2.6	See Note		(N)

5. Rates and Charges
5.10 Adjacent Structures

Rates and charges will be developed on an individual case basis.

5. Rates and Charges
5.11 Collocation at Remote Terminal Equipment Enclosures (CRTEE)

5.11.1	CRTEE				
ID	**Service Category**	**Rate Element**	**Rate**	**USOC**	
	Application Fee	NRC - Per CRTEE request processed	2,500.00		
	Remote Terminal Serving Address Inquiry	NRC - Per request	ICB		
	Preliminary Engineering Records Review	NRC - Per request	ICB		
	Site Survey for Space Availability Inquiry	NRC - Per request	ICB		
	Engineering and Implementation Fee	NRC - Per CRTEE arrangement request	ICB		
	Site Preparation Fee	NRC - Per CRTEE arrangement request as required	ICB		
	Equipment Support	Note: Refer to Part M, Section 5.3.9	See Note		
	DC Power	Note: Refer to Part M, Section 5.3.8 (less than or equal to 60 amps)	See Note		
	Conduit and Space	Note: Refer to Part M, Section 5.2.7	See Note		
	Miscellaneous Collocation Power Service	NRC - Note: The escort NRC applies. Refer to Part M, Section 5.2.6	See Note		(N) | (N)

6. Rates and Charges

6.1 Reserved for Future Use

7. Rates and Charges
7.1 Reserved for Future Use

8. Rates and Charges

8.1 Reserved for Future Use

9. Rates and Charges

9.1 Reserved for Future Use

10. Rates and Charges

10.1 Reserved for Future Use

11. Rates and Charges
11.1 Reserved for Future Use

12. Rates and Charges

12.1 Reserved for Future Use