

LOCAL TRANSPORT AND TERMINATION SERVICES

<u>Page</u>	<u>Number of Revision</u>	<u>CHECK SHEETS</u>	<u>Page</u>	<u>Number of Revision</u>
Preface			Part II	
Title 1	1st			
2	20th		1	1st
3	2nd		2	Original
3.1	Original		3	Original
4	1st		4	Original
			5	Original
Part I			6	Original
1*	44th		7	Original
2	2nd		8	Original
3*	41st		9	Original
4	1st		10	Original
5	1st		11	Original
6	1st		12	Original
7	1st		13	Original
8	1st		14	Original
9	1st		15	Original
10	1st		16	Original
11	Original		17	Original
12	Original		18	Original
13	1st		19	Original
14	2nd		20	1st
15	2nd		21	2 nd
16	Original		21	Original
17	Original		22	1st
18	Original		23	1st
19	3rd		24	Original
			25	Original
			26	1st
			27	Original
			28	1 st
			28.1	Original
			29	2 nd
			29.1	Original
			30	1st
			31	2nd
			32	Original
			33	1st
			34	Original
			35	Original

* New or Revised Page

Issued: June 29, 2020

Effective: July 1, 2020

Issued under the authority of 1991 Public Act 179, as amended, MCL 484.2101 et seq.

By: Scott Stevenson, President, Telecommunications Association of Michigan, 600 W. Shiawassee Street, Lansing, Michigan 48933, 517-482-4166, mitariff@gmail.com



LOCAL TRANSPORT AND TERMINATION SERVICES

CHECK SHEETS (Cont'd)

<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
PART III		PART IV	
1	Original	1	Original
2	Original	2	Original
3	Original	3	Original
4	1st	4	Original
5	Original	5	Original
6	Original	6	Original
7	Original	7	Original
8	Original	8	Original
9	Original	9	Original
10	Original	10	1st
		11	Original
		12	2 nd
		12.1	Original
		13	Original
		14	Original
		15	Original
		16	Original
		17	Original
		18	Original
		19	Original
		20	Original
		21	Original
		22	Original
		23	Original
		24	Original
		25	Original

Issued: December 26, 2011

Effective: December 29, 2011

Issued under the authority of 1991 Public Act 179, as amended, MCL
484.2101 et seq.

By: Telecommunications Association of Michigan Lansing, Michigan
MECA Tariff M.P.S.C. No. 23R-TAM Transmittal No. 1

LOCAL TRANSPORT AND TERMINATION SERVICES
CHECK SHEETS (Cont'd)

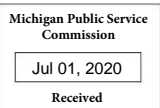
<u>Page</u>	<u>Revision</u>	<u>Page</u>	<u>Revision</u>
PART V		PART VII	
1	Original	1	Original
2	Original	2	Original
3	Original	3	Original
4	Original	4	Original
5	Original	5	Original
6	Original	6	Original
		7	Original
		8	Original
PART VI		9	Original
1*	9th	10	Original
1.1*	9th	11	Original
1.2*	10th	12	Original
1.3*	9th	13	Original
1.4*	9th	14	Original
1.5*	8th	15	Original
1.6*	9th	16	Original
1.7*	10th	17	Original
1.8	Original	18	Original
1.9	Original	19	Original
1.10	Original	PART VIII	
1.11	Original		
1.12	Original	1	Original
1.13	4th	2	Original
1.14*	10th	3	Original
1.15*	9th	4	Original
1.16*	10th	5	1st
1.17*	9th	6	1st
1.18*	10th		
1.19*	11th	PART IX	
1.19.1*	11th		
1.19.2*	8th	1	Original
1.20*	9th	2	Original
1.20.1*	8th	3	Original
1.20.1.1	4th		
1.21*	9th		
1.22	Original		
1.23	Original		
1.24	Original		
1.25	Original		
1.26	Original		
1.27	Original		
1.28	Original		
1.29*	10th		
1.30*	10th		
1.31	Original		
1.32*	11th		
1.33*	11th		
2	Original		
3	Original		
4	Original		
5	Original		
6	Original		
7	Original		

Issued: June 29, 2020

Effective: July 1, 2020

Issued under the authority of 1991 Public Act 179, as amended, MCL 484.2101 et seq.

By: Scott Stevenson, President, Telecommunications Association of Michigan, 600 W. Shiawassee Street, Lansing, Michigan 48933, 517-482-4166, mitariff@gmail.com



LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS

	<u>Page No.</u>
<u>Preface</u>	Preface
Title	1
Issuing Carriers	2
Contacts for Submitting the Formal Request for Reciprocal Compensation and ASR Contact Email Addresses	3
General Subject Index	4
<u>Tariff Contents, Explanations, References and Application</u>	Part I
Check Sheets	1
Table of Contents	4
Explanation of Symbols	14
Explanation of Abbreviations	14
Reference to Other Tariffs	16
Reference to Technical Publications	16
Application of Tariff	19
2. <u>General Regulations</u>	Part II
2.1 <u>Undertaking of the Telephone Company</u>	1
2.1.1 Scope	1
2.1.2 Rate Application	2
2.1.3 Limitations	2
2.1.4 Liability	3
2.1.5 Provision of Services	5
2.1.6 Service Maintenance	5
2.1.7 Changes and Substitutions	5
2.1.8 Refusal and Discontinuance of Service	6
2.1.9 Coordination with Respect to Network Contingencies	7
2.2 <u>Unlawful Use of Service and Abusive Use</u>	7

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by
Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd) (C)

	<u>Page No.</u>
2. <u>General Regulations</u> (Cont'd)	
2.3 <u>Obligations of the Customer</u>	7
2.3.1 Customer's Obligation to Monitor Tariff Changes	7
2.3.2 Damages	7
2.3.3 Ownership of Facilities and Theft	7
2.3.4 Availability for Testing	8
2.3.5 Limitation of Use of Metallic Facilities	8
2.3.6 Balance	8
2.3.7 Design of Customer Services	8
2.3.8 References to the Telephone Company	8
2.3.9 Claims and Demands for Damages	8
2.3.10 Coordination with Respect to Network Contingencies	9
2.3.11 Certification Requirements	9
2.4 <u>Payment Arrangements and Credit Allowances</u>	12
2.4.1 Payment of Rates, Charges and Deposits	12
2.4.2 Minimum Periods	14
2.4.3 Cancellation of an Order for Service	15
2.4.4 Credit Allowance for Service Interruptions	15
2.4.5 Re-establishment of Service Following Fire, Flood or Other Occurrence for Non Usage Based Recurring Charges	18
2.4.6 Title or Ownership Rights	18
2.4.7 Local Transport Provided by More Than One Company (Multiple Billing)	18

(D)
|
(D)

Issued: July 20, 2005

Effective: July 21, 2005

Issued under the authority of Public Act 179, dated December, 1991, as amended
by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd.)

	<u>Page No.</u>	
2. <u>General Regulations</u> (Cont'd)		
2.5 <u>Definitions</u>	21	
Access Service Request	21	(N)
Answer/Disconnect Supervision	21	
Attenuation Distortion	21	
Balance (100 Type) Test Line	21	
Bit	21	
Business Day	21	
Busy Hour Minutes of Capacity	21	
Call	21	
Carrier or Common Carrier	21	
CCS	21	
Central Office	22	
Central Office Maintenance Technician	22	
Central Office Prefix	22	
Channel(s)	22	
Channel Service Unit	22	
Channelize	22	
Clear Channel Capability	22	
C-Message Noise	23	
C-Notched Noise	23	
Common Channel Signalling	23	
Common Line	23	
Communications System	23	
Customer(s)	23	
Data Transmission (107 Type) Test Line	24	
Decibel	24	
Decibel Reference Noise C-Message Weighting	24	
Decibel Reference Noise C-Message Referenced to 0	24	
Detail Billing	24	
Digital Switched 56 Service	24	
Direct Trunked Transport	24	
Echo Control	24	
Echo Path Loss	24	
Echo Return Loss	25	
Effective 2-Wire	25	
Effective 4-Wire	25	
End Office	25	
Enhanced Service	25	

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd) (C)

	<u>Page No.</u>	
2. <u>General Regulations</u> (Cont'd)		
2.5 <u>Definitions</u> (Cont'd)		
Entry Switch	25	
Envelope Delay Distortion	25	
Equal Level Echo Path Loss	26	
Exchange	26	
Exit Message	26	
Expected Measured Loss	26	
Extended Area Service	26	
First Point of Switching	26	
Frame	26	
Frequency Shift	26	
Host Central Office	27	
Hub	27	
Immediately Available Funds	27	
Impedance Balance	27	
Impulse Noise	27	
Initial Address Message	27	
Inserted Connection Loss	27	
Installation and Repair Technician	27	
Interexchange Carrier or Interexchange Common Carrier (IC)	28	
Intermediate Hub	28	
Intermodulation Distortion	28	
Interstate Communications	28	
Intraexchange Telecommunications Traffic	28	
Intrastate Communications	28	
Legal Holiday	28	
Line Side Connection	28	
Local Access and Transport Area (LATA)	28	
Local Calling Area	29	
Local Number Portability	29	(N)
Local Tandem	29	
Loss Deviation	29	
LTTS Minutes	29	
Major Fraction Thereof	29	
Message	29	
Milliwatt (102 Type) Test Line	29	
Network Control Signaling	29	
North American Numbering Plan	30	
Off-hook	30	
On-hook	30	
Originating Direction	30	
Pay Telephone	30	
Payphone Service Providers	30	
Phase Jitter	30	
Point of Termination	30	
Premises	31	

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
2. <u>General Regulations</u> (Cont'd)		
2.5 <u>Definitions</u> (Cont'd)		
Reciprocal Compensation	31	(N)
Release Message	31	
Remote Switching Modules/Systems	31	
Requesting Telecommunications Carrier	31	(N)
Return Loss	31	
Service Access Code	31	
Service Switching Point (SSP)	31	
Serving Wire Center	31	
Seven Digit Manual Test Line	31	
Shortage of Facilities or Equipment	32	
Short Circuit Test Line	32	
Signal-To-C-Notched Noise Ratio	32	
Signaling Point (SP)	32	
Signaling Point of Interface (SPOI)	32	
Signaling Return Loss	32	
Signaling System 7 (SS7)	32	
Signaling Transfer Point (STP)	32	
Signaling Transfer Point (STP) Port	32	
Subtending End Office of an Local Tandem	33	
Super Intermediate Hub	33	
Synchronous Test Line	33	
Tandem Switched Transport	33	
Telecommunications Carriers	33	
Terminating Direction	33	
Terminus Hub	33	
Throughput	33	
Transmission Measuring (105 Type) Test Line/Responder	33	
Transmission Path	34	
Trunk	34	
Trunk Group	34	
Trunk Side Connection	34	
Two-Wire to Four-Wire Conversion	34	
V and H Coordinates Method	34	
Wire Center	34	
Wireless Switching Center	34	
2.6 <u>Limitation on claims</u>	35	(N)

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
3. <u>LTTS Ordering</u>	Part III	
3.1 <u>General</u>	1	
3.1.1 Service Installation	1	
3.1.2 Expedited Orders	2	
3.2 <u>Ordering Requirements</u>	2	
3.2.1 LTTS	2	
3.2.2 Miscellaneous Services	4	
3.2.3 Request by Company for Direct Interconnection	4	(N)
3.3 <u>LTTS Orders for Services Provided by More Than One Company</u>	4	
3.3.1 Meet Point Billing Ordering	4	
3.4 <u>Charges Associated with LTTS Ordering</u>	5	
3.4.1 LTTS Order Charge	5	
3.4.2 Miscellaneous Service Order Charge	6	
3.4.3 LTTS Order Change Charges	6	
3.5 <u>Minimum Periods and Cancellations</u>	9	
3.5.1 Minimum Periods	9	
3.5.2 Development of Minimum Period Charges	9	
3.5.3 Cancellation of an LTTS Order	9	
3.5.4 Partial Cancellation Charge	10	

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
4. <u>LTTS</u>	Part IV	
4.1 <u>General</u>	1	
4.1.1 Description and Provision LTTS Arrangements	1	
4.1.2 Ordering Options and Conditions	2	
4.1.3 Rate Categories	2	
4.1.4 Special Facilities Routing	9	
4.1.5 Design Layout Report	9	
4.2 <u>Obligations of the Company</u>	9	
4.2.1 Network Management	10	
4.2.1.1 NPA-NXX Codes	10	(N)
4.2.2 Transmission Specifications	10	
4.2.3 Provision of Service Performance Data	10	
4.2.4 Testing	11	
4.2.5 Determination of Number of Transmission Paths	11	
4.2.6 Trunk Group Measurement Reports	12	
4.3 <u>Obligations of the Customer</u>	12	
4.3.1 Report Requirements	12	
4.3.2 Trunk Group Measurement Reports	12	
4.3.3 Supervisory Signalling	12	
4.3.4 NPA-NXX Codes	12	(N)
4.4 <u>Rate Regulations</u>	12	
4.4.1 Description and Application of Rates and Charges	12	
4.4.2 Minimum Monthly Charge	15	
4.4.3 Change of LTTS Arrangements	15	
4.4.4 Local Information Delivery Services	15	
4.4.5 Mileage Measurement	16	

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by
Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>
4. <u>LTTS</u> (Cont'd)	Part IV
4.5 <u>Description and Provision of LTTS</u>	17
4.5.1 Description	17
4.5.2 Optional Features	19
4.5.3 Design and Traffic Routing	20
4.5.4 Measuring LTTS Minutes	20
4.5.5 Design Blocking Probability	21
4.5.6 Testing Capabilities	23
4.5.7 Network Blocking Charge	23
4.6 <u>Chargeable and Nonchargeable Optional Features</u>	24
4.6.1 Common Switching Nonchargeable Optional Features	24
4.6.2 Chargeable Optional Features	26

Issued: January 23, 2002

Effective: January 24, 2002

Issued under the authority of Public Act 179, dated December, 1991, as amended by
Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

<u>TABLE OF CONTENTS</u> (Cont'd)	<u>Page No.</u>
5. <u>Additional Engineering, Additional Labor and Miscellaneous Services</u>	Part V 1
5.1 <u>Additional Engineering</u>	1
5.2 <u>Additional Labor</u>	2
5.2.1 Overtime Installation	2
5.2.1 Overtime Repair	2
5.2.3 Standby	2
5.2.4 Testing and Maintenance with Other Telephone Companies	2
5.2.5 Other Labor	2
5.3 <u>Miscellaneous Services</u>	3
5.3.1 Testing Services	3
5.3.2 Maintenance of Service	6

Issued: January 23, 2002

Effective: January 24, 2002

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

TABLE OF CONTENTS (Cont'd)

	<u>Page No.</u>	
6. <u>Rates and Charges</u>	Part VI	
6.1 <u>LTTS</u>	1	
6.2 <u>Other Services</u>	2	
6.2.1 LTTS Ordering	2	
6.2.2 Additional Engineering	3	
6.2.3 Additional Labor	4	
6.2.4 Miscellaneous Services	6	
6.3 <u>Network Blocking</u>	7	
	<u>Page No.</u>	
	Part VII	
7. <u>Local Transport and Termination Services</u> <u>Interfaces and Transmission Specifications</u>		
7.1 <u>LTTS</u>	1	
7.1.1 Local Transport Interface Groups	3	
7.1.2 Standard Transmission Specifications	10	
7.1.3 Data Transmission Parameters	16	
	<u>Page No.</u>	
	Part VIII	
8. <u>Establishment of Reciprocal Compensation Arrangement</u> <u>for the Transport and Termination of Telecommunications</u> <u>Traffic</u>		(N)
8.1 Obligations of the Company	1	
8.2 Obligations of the Requesting Telecommunications Carrier	1	
8.3 Formal Request Process	1	
8.4 Rates for Reciprocal Compensation	2	
8.4.1 Generally applicable rates	2	
8.4.2 Exceptions to the generally applicable rates	2	
8.5 Other Requirements, Terms and Conditions	3	
8.6 Reciprocal Compensations Payment and Bill Dates	4	
8.6.1 Bill Dates	4	
8.6.2 Late Payment Charges	4	
8.6.3 Billing Disputes Initiated by the Company	5	(N)
	<u>Page No.</u>	
	Part VIX	
9. <u>Local Number Portability</u>		(N)
9.1 Scope	1	
9.2 Procedures for Providing LNP	1	
9.3 LNP Ordering Procedures	2	
9.3.1 Numbers to be Ported from the Customer to the Company	2	
9.3.2 Numbers to be Ported from the Company to the Customer	3	
9.4 Procedures for Providing LNP Through Full NXX Code Migration	3	
9.5 Reserved for Future Use	3	
9.6 Procedures for Requesting LNP Capability	3	
9.7 System Interruption or Service Outages	3	(N)

Issued: June 27, 2007

Effective: July 1, 2007

Issued under the authority of Public Act 179, dated December, 1991, as amended by
 Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

EXPLANATION OF SYMBOLS

- (C) - To signify changed regulation
- (D) - To signify discontinued rate or regulation
- (I) - To signify increase to a rate or charge
- (N) - To signify new rate or regulation
- (R) - To signify reduction to a rate or charge
- (T) - To signify a change in text but no change in rate or regulation

EXPLANATION OF ABBREVIATIONS

AML	-	Actual Measured Loss	
ANI	-	Automatic Number Identification	
AP	-	Program Audio	
ASR	-	Access Service Request	
BHMC	-	Busy Hour Minutes of Capacity	
CCS	-	Common Channel Signaling	
CDP	-	Customer Designated Premises	
CI	-	Channel Interface	
CIP	-	Carrier Identification Parameter	
CIR	-	Committed Information Rate	
CNP	-	Charge Number Parameter	
CO	-	Central Office	
Cont'd	-	Continued	
CPE	-	Customer Provided Equipment	
CN	-	Charge Number	(N)
CPN	-	Calling Party Number	
CSP	-	Carrier Selection Parameter	
DA	-	Directory Assistance	
dB	-	Decibel	
dBrnC	-	Decibel Reference Noise C-Message Weighting	
dBrnCO	-	Decibel Reference Noise C-Message Weighted O	
dc	-	direct current	
DDD	-	Direct Distance Dialing	
EAS	-	Extended Area Service	
EDD	-	Envelope Delay Distortion	
EML	-	Expected Measured Loss	
EPL	-	Echo Path Loss	
ERL	-	Echo Return Loss	
ESS	-	Electronic Switching System	
ESSX	-	Electronic Switching System Exchange	
f	-	frequency	
FCC	-	Federal Communications Commission	
FRAS	-	Frame Relay Access Service	
FTA	-	Federal Telecommunications Act	
HC	-	High Capacity	
Hz	-	Hertz	
IC	-	Interexchange Carrier	
ICB	-	Individual Case Basis	
ICL	-	Inserted Connection Loss	
Kbps	-	kilobits per second	
KHz	-	kilohertz	

Issued: December 26, 2011

Effective: December 29, 2011

Issued under the authority of 1991 Public Act 179, as amended, MCL 484.2101 et seq.

Scott Stevenson, President, Telecommunications Association of Michigan, 600 W. Shiawassee St., Lansing MI 48933, 517-482-4166, mitariff@gmail.com

LOCAL TRANSPORT AND TERMINATION SERVICES

EXPLANATION OF ABBREVIATIONS (Cont'd)

LATA -Local Access and Transport Area
LNP - Local Number Portability
LTTS -Local Transport and Termination Services
ma -milliamperes
Mbps -Megabits per second
mcs -Microsecond
MTA -Michigan Telecommunications Act
MHz -Megahertz
MRC -Monthly Recurring Charge
MT -Metallic
MTS -Message Telecommunications Service(s)
NPA -Numbering Plan Area
NRC -Nonrecurring Charge
NXX -Three-Digit Central Office Code
OBF -Open Billing Forum
PBX -Private Branch Exchange
PIC -Presubscribed Interexchange Carrier
PLU - Percent of Local Usage
POT - Point of Termination
PSTN - Public Switched Telephone Network (N)
PVC -Permanent Virtual Connection
SAC -Service Access Code
SNAL -Signalling Network Access Line
SP -Signalling Point
SPOI -Signalling Point of Interface
SRL -Singing Return Loss
SSP -Service Switching Point
SS7 -Signalling System 7
STP -Signal Transfer Point
SWC -Serving Wire Center
TDM - Time Division Multiplexing (N)
TG -Telegraph Grade
TLP -Transmission Level Point
VG -Voice Grade
V & H-Vertical & Horizontal
WATS -Wide Area Telecommunications Service(s)
WSC -Wireless Switching Center
WSO -WATS Serving Office

Issued: December 26, 2011

Effective: December 29, 2011

Issued under the authority of 1991 Public Act 179, as amended, MCL
484.2101 et seq.

Scott Stevenson, President, Telecommunications Association of Michigan, 600 W. Shiawassee
St., Lansing MI 48933, 517-482-4166, mitariff@gmail.com

LOCAL TRANSPORT AND TERMINATION SERVICES

REFERENCE TO OTHER TARIFFS

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 following tariffs are referenced in this tariff and are available at the web site listed below or, in the case of the Federal Tariffs, may be obtained from the Federal Communications Commission's commercial contractor:

Michigan Exchange Carriers
Association, Inc.
Access Service
Tariff M.P.S.C. No. 25
www.mecaone.com

National Exchange Carrier
Association, Inc.
Wire Center Information
Tariff F.C.C. No. 4
www.neca.org

National Exchange Carrier Association, Inc.
Special Construction
Tariff F.C.C. No. 3
www.neca.org

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Telecordia Technologies, Inc. (Formerly Bell Communications Research, Inc. - Bellcore), Direct Sales, 8 Corporate Place, England Ave., Piscataway, NJ 08854-4156, www.telcordia.com.

Technical Reference:

Multiple Exchange Carrier Access Billing (MECAB) Guidelines
Issued: June, 1994

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines
Issued: May, 1994

GR-334-CORE Issue 1 Switched Access Service:
Transmission Parameter Limits and Interface Combinations
Issued: June, 1994

Issued: January 23, 2002

Effective: January 24, 2002

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-TSV-000905 Common Channel Signaling Network Interface
Specification Supplement 1
Available: August, 1989

Issued: January 23, 2002

Effective: January 24, 2002

Issued under the authority of Public Act 179, dated December, 1991, as amended by
Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Access Tariffs, 100 So. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1, Issue II Access Service Issued: May, 1984
Addendum: March, 1987

Issued: January 23, 2002

Effective: January 24, 2002

Issued under the authority of Public Act 179, dated December, 1991, as amended by Public Act 216, dated November, 1995, as further amended by Public Act 295.

By: Agris Pavlovskis, President

Lansing, Michigan

LOCAL TRANSPORT AND TERMINATION SERVICES

1. Application of Tariff

1.1 This tariff establishes an arrangement for the transport and termination of telecommunications for Intraexchange Telecommunications Traffic, Extended Area Service (EAS), Michigan Telecommunications Act ("MTA") Section 304(11) traffic which is considered local and other expanded local local exchange traffic. This tariff contains rates, terms and conditions applicable to the provision of local transport and termination services for this traffic hereinafter collectively referred to as "LTTS" or service(s). These services are provided to other providers of local exchange service by the Issuing Carriers of this tariff, hereinafter referred to as either the "Telephone Company" or "Company." The services provided pursuant to this tariff are exclusively for use by Telecommunications Carriers. This tariff also contains LTTS ordering regulations and charges that are applicable when these service(s) are ordered by the Customer. This tariff further contains reciprocal compensation provisions and local number portability provisions. (N)

1.2 This tariff is established pursuant to the MTA and the Federal Communications Act of 1934 as amended by the Telecommunications Act of 1996 ("the FTA") and subsequent amendments. It establishes a reciprocal compensation arrangement for the transport and termination of telecommunications in accordance with FTA Section 251 (b) (5) and the FTA Section 251 (f) exemption from the duty to negotiate and other interconnection unbundling, resale, notice and co-location duties set forth in FTA Section 251 (c). This tariff does not supercede any other tariffs of the Issuing Carriers including tariffs for the transport and termination of CMRS traffic, or any toll access tariffs. Those tariffs remain applicable to certain telecommunications traffic as specified therein.

1.2A The following provision applies to the treatment on Non-Toll VoIP-PSTN Traffic pursuant to the Federal Communications Commission's Part 51 Interconnection Rules and in compliance with the Federal Communications Commission's Report and Order and Further Notice of Proposed Rulemaking in CC Docket Nos. 96-45 and 01-92; GN Docket No. 09-51; WC Docket Nos. 03-109, 05-337, 07-135 and 10-90; and WT Docket No. 10-208, adopted October 27, 2011 and released November 18, 2011 (FCC 11-161). In the absence of an interconnection agreement between the Telephone Company and the customer specifying the treatment of Non-Toll VoIP-PSTN Traffic, the Telephone Company will bill the customer the applicable LTTS rates and charges specified in Part VI, following, on all jurisdictionally intrastate voice traffic Identified as Non-Toll VoIP-PSTN Traffic. (N)

1.3 The provision of such services by the Telephone Company as set forth in this tariff does not constitute a joint undertaking with the Customer for the furnishing of any service. (N)

Issued: December 26, 2011

Effective: December 29, 2011

Issued under the authority of 1991 Public Act 179, as amended, MCL 484.2101 et seq.

Scott Stevenson, President, Telecommunications Association of Michigan, 600 W. Shiawassee St., Lansing MI 48933, 517-482-4166, mitariff@gmail.com