
ACCESS SERVICE

CHECK SHEET

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EXPLANATION OF ABBREVIATIONS

ANI	- Automatic Number Identification	
AT	- Access Tandem	
ATTP	- Access Tandem Trunk Port	
BP	- Billing Percentage	
CCS	- One hundred call seconds	
CFA	- Circuit Facility Assignment	
CIC	- Carrier Identification Code	
CL	- Common Line	
CLC	- CenturyLink Communications, LLC	
CMRS	- Commercial Mobile Radio Service	
CN	- Charge Number	
Cont'd	- Continued	
CPN	- Calling Party Number	
DTT	- Direct-Trunked Transport	
DNAL	- Dedicated Network Access Link	(N)
EAS	- Extended Area Service	
EF	- Entrance Facility	
e.g.	- For example	
EO	- End Office	
EOSP	- End Office Shared Port	
etc.	- Etcetera	
EU	- End User	
EXM	- Exit Message	
f	- Frequency	
F.C.C.	- Federal Communications Commission	
FSPOI	- Facility Signaling Point of Interconnection	(N)
H	- Horizontal	
IC	- Interexchange Carrier	
ICB	- Individual Case Basis	
IDDD	- International Direct Distance Dialing	
i.e.	- That is	

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EXPLANATION OF ABBREVIATIONS (Cont'd)

LATA	- Local Access and Transport Area	
LEC	- Local Exchange Carrier	
LS	- Local Switching	
Mbps	- Megabits per second	
MOU	- Minutes of Use	
MRC	- Monthly Recurring Charge	
MUX	- Multiplexing	
NA	- Not Applicable	
NANP	- North American Numbering Plan	
No.	- Number	
NPA	- Numbering Plan Area	
NRC	- Nonrecurring Charge	
NXX	- Three-Digit Central Office Code	
PIU	- Percent Interstate Use	
POT	- Point of Termination	
PSTN	- Public Switched Telephone Network	
PVU	- Percent VoIP Usage	
RESP ORG	- Responsible Organization	
SCP	- Service Control Point	
SMS/800	- Service Management System/800	
SSP	- Service Switching Point	
SS7	- Signaling System 7	
STP	- Signal Transfer Point	(N)
SWC	- Serving Wire Center	
TIM	- Tariff Information Management	
TST	- Tandem-Switched Transport	
TT	- Tandem Transmission	
V	- Vertical	
VG	- Voice Grade	
V & H	- Vertical & Horizontal	
VoIP	- Voice over Internet Protocol	

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2. GENERAL REGULATIONS**2.6 DEFINITIONS (Cont'd)**Serving Wire Center (SWC)

A facility or location on the Company's network that is capable of providing service to Customers in the geographic area in which a Customer's point of demarcation is located. The term is intended to include all locations on the Company's network that perform the functional equivalent of the functions performed by an incumbent local exchange carrier's serving wire center.

Signaling

Denotes the process of passing information, identifying the called subscriber or addressee and for supervising and controlling the connection once it has been established.

Signaling System 7 (SS7)

Denotes the signaling protocol.

Signal Transfer Point (STP)

The term "Signal Transfer Point (STP)" denotes a packet switch which provides access to the Company's SS7 network and performs SS7 message signal routing and screening.

Signal Transfer Point (STP) Port

The term "Signal Transfer Point (STP) Port" denotes the point of termination and interconnection to the STP.

Switch, Switching, Switched

The term "switching" refers to any technical means by which a communication is directed from an origination point or input source onwards towards a destination or output location. Switching may include (without limitation) either circuit or packet switching, and switching of communications individually (including, if applicable, individual packets) or in groups, depending on the technology deployed. A "switch" is a device, software, or any technical arrangement that performs or accomplishes switching. A communication is "switched" when it passes through a switch. By way of example but not limitation, any device which determines how to route calls based on the digits of a telephone number within the North American Numbering Plan is a "switch."

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(N)

(N)

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6. SWITCHED ACCESS SERVICE

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6. SWITCHED ACCESS SERVICE

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6. SWITCHED ACCESS SERVICE**6.7 RATE TERMS AND CONDITIONS (Cont'd)****6.7.7 MILEAGE MEASUREMENT**

The mileage to be used to determine the Switched Transport rate for traffic is calculated on the airline distance between the end office switch, where the call originates or terminates and the access tandem. The V&H coordinates method is used to determine mileage. This method is set forth in the National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4 for Wire Center Information (V & H coordinates).

Mileage rates are shown in Section 7, following. If the V & H calculation results in a fraction of a mile, always round up to the next whole mile for rate application.

6.7.8 COMMON CHANNEL SIGNALING SYSTEM 7 ACCESS SERVICE

(N)

(A) Description

Common Channel Signaling System 7 (CCS7) Access service provides an interconnection between the Common Channel Signaling (CCS) network of the Telephone Company and a customer's CCS network or SS7 capable voice/data network using Dedicated Switched Access facilities and Signal Transfer Point (STP) Ports. CCS7 Access service provides the connection between the Telephone Company's STP and the customer's premises to allow customers to access Telephone Company provided services requiring CCS7 connectivity. CCS7 Access service provides for the transmission of network control and other signaling information from the Telephone Company's STP, via the STP Port and Dedicated Switched Access facilities, to the customer's premises. The technical interface specifications are as described in Technical Reference Publication GR-905. The locations of the Telephone Company's STP switches are indicated in National Exchange Carrier Association, Inc. Tariff F.C.C. No. 4.

(1) STP Port Termination

The STP Port Termination provides the means to terminate the Dedicated Switched Access facility at the STP. One STP Port Termination is required for each 56 Kbps or 56 Kbps equivalent facility.

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6. SWITCHED ACCESS SERVICE**6.7 RATE TERMS AND CONDITIONS (Cont'd)****6.7.8 COMMON CHANNEL SIGNALING SYSTEM 7 ACCESS SERVICE****(2) Signal Transfer Point Access**

Nonrecurring charges apply for the establishment of Originating Point Codes (OPC) and Global Title Address (GTA) Translations. An OPC charge applies for each OPC established, as well as each OPC added or changed subsequent to the establishment of STP Access. The OPC charge applies on a per service basis. A GTA Translation charge applies for each service or application (excluding LIDB Access Service and 800 Carrier-ID-Only Service) that utilizes Transaction Capabilities Application Part (TCAP) messages. A GTA Translation charge also applies for each service (excluding LIDB Access Service) added or changed subsequent to the initial establishment of STP Access.

(3) Local Distribution Channel

The Local Distribution Channel (LDC) provides for a Transmission path between the customer designated premises and the serving wire center of that premises. The 56 Kbps Local Distribution Channel is a digital four-wire facility.

(4) Channel Mileage Termination

The Channel Mileage Termination rate category provides for the termination of interoffice facilities to the central office. Therefore, it is only applied if there is interoffice mileage and not to circuits within the same central office.

(4) Channel Mileage

The Channel Mileage rate category provides for the transmission facilities between the serving wire center associated with a customer designated premises and Telephone Company Central Office equipment necessary to terminate the DNAL.

When the DNAL used to provide STP Access is provisioned using an FSPOI, the Channel Mileage rate category provides for the transmission facilities between the serving wire center associated with a customer designated premises and the Telephone Company Central Office FSPOI equipment necessary to terminate the DNAL

(5) DNAL Termination

The DNAL Termination provides for an interface for various types of DNALs. This would include data sets and any other equipment in the central office required to provide the service.

(N)

(N)

ACCESS SERVICE**7. RATES AND CHARGES****7.2 ACCESS SERVICES RATES AND CHARGES – AMERITECH OPERATING COMPANIES
TARIFF F.C.C. NO. 2, SERVICE AREAS: ILLINOIS, INDIANA, MICHIGAN, OHIO AND
WISCONSIN****7.2.1 SWITCHED RECURRING RATES (Cont'd)****B. Local Switching****RATE PER ACCESS MINUTE**

• Local End Office Switching:

- Originating – Toll Free	\$0.000000
- Originating – Non-Toll Free	\$0.000000
- Terminating	\$0.000000

• End Office Shared Port

- Originating – Toll Free	\$0.000000
- Originating – Non-Toll Free	\$0.000000
- Terminating	\$0.000000

**RATE PER
CALL/QUERY**

• Toll Free Data Base Access Service

- Basic Query	\$0.0002
- Complex Query	\$0.000000

**C. Common Channel Signaling Network Connection
(Where Facilities Exist)**

	MONTHLY	NONRECURRING
- STP Port (Per Port)	\$380.00	\$390.00
- Originating Point Code (per service, added or changed, per STP pair)	-	\$20.00
- Global Title Address Translation (per Service, added or changed, per STP pair)	-	\$10.00
- Local Distribution Channel 56 Kbps Digital (per point of termination)	\$107.95	-
- Channel Mileage Termination 56 Kbps Digital (per point of mileage termination)	\$14.27	-
- Channel Mileage 56 Kbps Digital (per mile)	\$1.11	-
- DNAL Termination 56 Kbps Digital	-	-
- Administrative Charge (per order)	-	50.00
- Design & CO Connection Charge (per circuit)	-	225.00
- Customer Connection Chrg (per Termination)	-	250.00

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