ITEM 110.44 **Digital Network Access (DNA)**

1. Service Description

Digital Network Access provides for the digital transmission of information from the customer's premises to another premises within the exchange at 1.544 Mbps or 44.736 Mbps, or from the customer's premises to the rate centre to connect with other network services at speeds of less than 1.544 Mbps, 1.544 Mbps or 44.736 Mbps.

Note: Effective June 1, 2002, SaskTel's competitors see also Competitor Digital Network Access Service in SaskTel Competitor Access Tariff (CRTC 21414), if applicable.

2. Conditions of Service

1. SaskTel will determine the exchanges (i.e., rate centre and/or wire centre, as appropriate) where it will provide service.

2. Service is provided at SaskTel's discretion within such exchanges depending on the availability of suitable facilities and equipment.

3. When it is necessary for SaskTel to install special equipment or to incur an unusual expense to establish service, the Customer shall pay an additional charge based on the equipment installed and the unusual expense incurred.

4. The Customer is solely responsible for the installation, operation and maintenance of customer provided terminal equipment.

5. Customer terminal equipment attached to SaskTel's network must be certified or connected through a certified network protection device in accordance with SaskTel's Terminal Attachment Standards.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

2. Conditions of Service – *Continued*

6. If the customer is located outside the base rate boundary or island base rate boundary of a serving exchange area, an extra construction charge will apply in addition to the service charges listed in this item. Refer to the item on Extended Data Access Charge.

7. For the provision of DS-1 and DS-3 access, wire centres in SaskTel territory are categorized according to bands depicting serving area. The exchanges of Regina and Saskatoon shall be classified as Band 2 serving areas. All other locations in Saskatchewan, where the service is available, shall be classified as Band 3 serving areas.

8. The calculation of DS-1 and DS-3 access quantity discounts is subject to the following conditions. All DS-1 and DS-3 accesses must:
   (a) be billed on the same account (Billing Telephone Number (BTN)),
   (b) be part of the same Minimum Contract Period (MCP) commitment (i.e., same agreement and same term, and
   (c) terminate at the same customer premises.

9. When a channel is between the serving switching centre or island base rate boundary and the rate centre, a Link charge applies at the serving switching centre or island base rate area and rate centre.

10. A DS-1 channelizing feature is available whenever the service application requires one which enables a DS-1 Access or channel to be connected to DS-0 channels. The use of this feature will result in a service charge being applied to activate and interconnect unused DS-0 capacity within a DS-1 Access or channel.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

2. Conditions of Service – *Continued*

11. A DS-3 channelizing feature is available whenever the service application requires one, which enables a DS-3 access or channel to be connected to DS-1 channels. The use of this feature will result in service charges, being applied to activate and interconnect unused DS-1 capacity within a DS-3 access or channel.

12. If the customer terminates a contract or a portion of a contract for local DS-1 Access Service or DS-3 Access Service prior to the expiry date of the contract term, termination charges equal to one half of the remaining charges for such DS-1 Access Service or DS-3 Access Service for the unexpired part of the contract will be payable in a single payment at the termination of the contract.

13. Termination charges for DS-1 and DS-3 access services will be reduced or waived if the customer re-contracts for another dedicated access service within SaskTel's operating territory.
    (a) If the committed revenues under the new contract(s) are equal to or greater than those remaining under the original contract(s), the termination charges for the original contract(s) will be waived.

    (b) If the committed revenues under the new contract(s) are less than those remaining under the original contract(s), the termination charges for the original contract(s) will be reduced by half the committed revenues under the new contract(s).

14. The reduction or waiver of termination charges as specified above will apply if the contracted DS-1 Access:
    (a) is reconfigured between one of Digital Private Line/Managed Digital Private Line, Toll service and/or Frame Relay; or
    (b) in moved to another address within the installation order interval for SaskTel.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates

The Customer shall pay to SaskTel the following rates and charges for Digital Network Access (DNA). Such rates and charges are in addition to any other rates and charges that may be applicable.

1. Low Speed Access

The following, Access, Link and Intra-exchange Channel rates and charges apply when used with the following services:

- Digital Private Line Solutions Service Extension Access Service for speeds up to DS-0.
- FME Access (Refer to the item on Managed Digital Private Line Service) for speeds up to DS-0 and Managed Digital Private Line Terminating Unit (MDPLTU) Access (Refer to the item on Managed Digital Private Line Service) for 2 times 64 Kbps or 1 times 128 Kbps.
- Frame Relay Access at DS-0
- International Private Line Service for speeds up to DS-0.
- Other services as identified in the respective SaskTel tariffs.

	Monthly Rate	**Service Charge**	
Access	$ 100.06	$ 300.00 **(Note 1)**	A
Link, each serving wire centre or rate centre, as appropriate, each circuit	100.06	N/A	A
Intra-exchange channel, each	33.35	N/A	A
Change of operating speed, each access	N/A	150.00 **(Note 2)**	

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

Note 1: The service charge also applies when an existing Digital Network Access connected to Low Speed (i.e., less than 1.544 Mbps) Managed Digital Private Line Station Equipment is reconfigured to accommodate a change in terminating equipment.

Note 2: This service charge applies in addition to the service charges specified in the item on Managed Digital Private Line Service associated with changes to the Service Extension Feature.

2. DS-1 Access

The following Access, Link and Intra-exchange Channel rates and charge apply when used with the following services:

- Digital Private Line Solutions for local access for speeds of 1.544 Mbps.
- Frame Relay access for speeds from 128 Kbps up to and including 1.544 Mbps.
- Toll service access for multiples of 64 Kbps up to and including 1.544 Mbps.
- International Private Line Service for multiples of 64 Kbps up to and including 1.544 Mbps.
- Other service as identified in the respective SaskTel tariffs.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

2. DS-1 Access – *Continued*

(a) DS-1 Access, each customer, each location **(Note 3)**

Band	Quantity of DS-1s	Monthly Rate						Service Charges Each DS-1		
		Non-Contracted	Minimum Contract Period					Non-Contracted	Contracted	
			1 Year	2 Years	3 Years	4 Years	5 years			
2	Initial 4, each **(Note 4)**	$ 850.56	$ 466.97	$ 450.29	$ 425.28	$ 344.59	$ 387.27	$ 1400.00	$ 700.00	A
	Over 4, each	773.24	220.54	207.78	194.37	180.97	181.92	1400.00	700.00	
	Max. each 28	13,673.33	4931.48	4772.31	4477.33	4235.99	3833.82	1400.00	700.00	
3	Initial 4, each **(Note 4)**	804.31	550.35	525.34	420.38	406.60	475.32	1400.00	700.00	A
	Over 4, each	804.31	254.70	241.29	227.89	214.48	199.86	1400.00	700.00	
	Max. each 28	16,086.14	5844.66	5549.73	5281.71	5013.53	4638.20	1400.00	700.00	

Note 3: Customers located in non-serving areas pay the rates of Band 3, in addition to the expense incurred to subscribe to DS-1 access.

Note 4: Applies to the initial 28 DS-1's only.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

2. DS-1 Access – *Continued*

(b) DS-1 Link, Intra-exchange channel and Channelizing Feature

	Monthly Rate	**Service Charge**	
Link, each serving wire centre or rate centre, as appropriate, all serving areas **(Note 5)**			
• DS-1 each	$ 100.06	N/A	A
• DS-0 each	82.70	N/A	
Intra-exchange Channels			
• DS-1 each	400.25	N/A	A
• DS-0 each	27.57	N/A	
Channelizing Feature **(Note 6)**	145.98	$ 125.00	A

Note 5: When the channel is between the serving wire centre and the rate centre, Link charges as specified above apply at the serving wire centre and rate centre.

Note 6: To activate and interconnect unused DS-0 capacity in a DS-1 Access:

- A service charge of a $100.00 per DS-0 applies, up to a maximum of $500.00 per order per access.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

3. DS-3 Access

(a) DS-3 Link and Intra-exchange Channel

	Monthly Rate	**Service Charge**	
Link, each serving wire centre or rate centre, as appropriate, all serving areas **(Note 5)**	$ 166.77	N/A	A
Intra-exchange Channel, all serving areas each	1667.75	N/A	A

Note 5: When the channel is between the serving wire centre and the rate centre, Link charges as specified above apply at the serving wire centre and rate centre.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

3. DS-3 Access – *Continued*

(b) DS-3 Access:

Band	Quantity of DS-3 (Note 8&9)	Monthly Rate						Service Charges Per DS-3		
		Non-Contracted (Note 7)	Minimum Contract Period					Non-Contracted	Contracted	
			1 Year	2 Years	3 Years	4 Years	5 years			
2	First	$ 4389.94	$ 4427.91	$ 4277.80	$ 3411.34	$ 3287.29	$ 3411.34	$ 4000.00	$ 2000.00	A |
	Additional	2639.48	2418.26	2568.36	2046.80	2384.91	1860.73	4000.00	2000.00	
3	First	4745.43	3954.52	3820.47	3686.42	3552.37	3351.29	4000.00	2000.00	
	Additional	2848.60	2372.71	2292.28	2211.85	2131.42	2010.77	4000.00	2000.00	

Note 7: The non-contracted DS-3 access is only provided where suitable facilities exist. If facilities must be added between the customer location and the serving wire centre, additional charges will apply.

Note 8: The rates for "first" and "additional" DS-3 accesses apply when the DS-3 accesses originate from the same customer premises. Exceptions to this application are DS-3 accesses used for Access Diversity.

Note 9: Customers located in non-serving areas pay the rates of Band 3 in addition to the expense incurred to subscribe to DS-3 access.

ITEM 110.44 **Digital Network Access (DNA) –** *Continued*

3. Rates – *Continued*

3. DS-3 Access – *Continued*

(c) DS-3 Channelizing Feature:

Channelizing Feature (Note 10)	**Non-Contracted**	**Monthly Rates**					**Service Charges (Note 11)**
		Minimum Contract Period					
	Monthly	**1 Year**	**2 Years**	**3 Years**	**4 Years**	**5 Years**	
Customer premises	$ 1615.32	$ 1523.73	$ 1300.30	$ 1253.38	$ 1206.47	$ 1139.44	$ 500.00
Central Office **(Note 12)**	833.87	N/A	N/A	N/A	N/A	N/A	500.00

A

Note 10: Any switched services such as Digital Exchange Access and Megalink which uses DS-1 access can subscribe to the Channelizing Feature of DS-3 Access, with exceptions identified in the respective SaskTel tariffs.

Note 11: This service charge is for the initial application of the Channelizing feature on a DS-3 Access. To activate DS-1 channels for subsequent applications on the same DS-3 Access, the service charge is $100.00 per DS-1, up to a maximum or $500.00, per feature.

Note 12: Central office Channelizing Feature is only available on a non-contracted monthly basis.