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CHECK SHEET

Pages 1 through 90 of this tariff are effective as of the date shown. Revised pages listed below contain all the changes from the 1st Revised tariff filed through the date hereof.

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6. Digital Services (cont'd)

6.1 Digital Bearer Service (cont'd)

6.1.1 TDMA Service

(A) Definitions

Time Division Multiple Access/Direct Digital Interface (TDMA/DDI) is a two-way digital system in which users access a 72 MHz transponder on a single frequency in a predetermined sequence for a specified period of time. In order to establish a through communications link with foreign earth stations accessing a TDMA transponder, it is necessary for the customer to operate TDM/QPSK/TDMA from a Standard A earth station with rate 7/8 FEC and transmit digital bit streams of 64 Kbps, or a multiple thereof, in a 120 Mbit/s carrier at C-band. Additional technical specifications are set forth in the Intelsat Earth Station Specification Document IESS-317. Within the parameters specified, service quality meeting ISDN standards is guaranteed:  $10^{-7}$  BER under clear sky conditions and  $10^{-3}$  BER for all but 0.04% of the year under degraded sky conditions. TDMA is offered on a clear channel 64 Kbps, or multiple thereof, and 2.048 Mbps bearer basis.

(B) Rates

(1) RATE PER MONTH FOR TDMA SERVICE TO ALL REGIONS WITH A START-OF-LEASE DATE PRIOR TO JANUARY 1, 1992

Term	64 Kbps	2.048 Mbps	
Monthly	\$810	---	(R)*
5 years	541	15,612	
10 years	387	10,867	
15 years	385	10,578	(R)*

(2) All TDMA contract carriers activated prior to January 1, 1992, which are transmitted through Standard A antennas in the U.S. with a minimum G/T of 40.7 dB/K and received by Standard A antennas at the foreign end with a G/T of at least 39.0 dB/K, will be billed commencing May 1, 1992 at 90 percent of the applicable rates in Sections 6.1.1 (B) (1) and (2) above for the carrier size utilized. This reduction in the rates may be discontinued if INTELSAT USA LICENSE LLC reduces the rates in Sections 6.1.1 (B) (1) and (2) above to which the 90 percent reduction is being applied.

(3) The rates for multi-year TDMA/DDI service with a start-of-lease date on or after January 1, 1992 are listed in Section 6.1.5.

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6. Digital Services (cont'd)

6.1 Digital Bearer Service (cont'd)

6.1.3 IDR SERVICE

(A) Definition

IDR (International Digital Route) is a two-way digital service that provides users with access to a transponder on individually assigned carriers of the following predefined data rates: 64 Kbps, 512 Kbps, 1.024 Mbps, 1.544 Mbps, 2.048 Mbps, 6.312 Mbps and 8.448 Mbps. The customer must specify the desired IDR data rate carrier. In order to establish a through communications link with the foreign earth stations, it is necessary for the customer to operate QPSK/FDMA from a standard A, B, C, E-3, F-3, E-2, F-2 or F-1 earth station, employ rate  $\frac{3}{4}$  FEC, ensure that the foreign earth station is operating a matching data rate and otherwise adheres to the specifications set forth in the Intelsat Earth Station Specification Document IESS-308. Within the parameters specified, service quality meeting ISDN standards is guaranteed according to the following table with and without the use of Outer Codec technology:

		<u>Under Degraded Sky Conditions</u>	
		<u>99.96% of year</u>	<u>99.36% of year</u>
No Outer Codec	<u>Clear Sky</u>	<u>Availability</u>	<u>Availability</u>
	BER $<10^{-7}$	BER $<10^{-3}$	BER $<10^{-6}$
Outer Codec	BER $<<10^{-10}$	BER $<10^{-6}$	BER $<<10^{-10}$

$<<10^{-10}$  = A BER ratio substantially less than  $10^{-10}$ , or virtually error-free. It should be noted that actual performance, historically, has exceeded the guarantees stated above.

(B) Terms and Conditions

Tariff rates will be assessed based on the assigned IDR data rate carrier.

(C) Rates

RATE/MONTH PER DUPLEX IDR CARRIER, ALL REGIONS

	<u>Term</u>	<u>64 Kbps</u>	<u>512 Kbps</u>	
Std. A & C	Monthly	\$810	\$6,485	(R)*
Std. B	Monthly	975	7,805	(R)*

The rate for an IDR digital data rate carrier of 1.024 Mbps is double the applicable rate for an IDR digital rate carrier of 512 Kbps.

(D) IDR Reservations

Customers wishing to maintain Intelsat IDR frequency assignments in unutilized capacity that is available for immediate activation must provide a start of service date and a foreign match by 25 June of each year. The start of service date must be 1 December or sooner. Frequency assignments that are not matched by 25 June will be forfeited.

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6. Digital Services (cont'd)

6.1 Digital Bearer Service (cont'd)

6.1.4 RATES FOR IDR SERVICE TO ALL REGIONS WITH A START-OF-LEASE  
DATE PRIOR TO JANUARY 1, 1992

RATE PER MONTH PER DUPLEX IDR CARRIER

<u>Std. A &amp; C</u>	<u>5-Year</u>	<u>10-Year</u>	<u>15-Year</u>
64 Kbps	\$519	\$372	\$370
512 Kbps	4,164	2,985	2,940
1.544 Mbps	11,989	8,617	8,125
2.048 Mbps	14,988	10,772	10,156
6.312 Mbps	42,597	30,469	28,625
8.448 Mbps	56,766	40,628	38,166

(R)\*  
| (Z)  
|  
(R)\*

RATE PER MONTH PER 64 Kbps DUPLEX IDR CARRIER

	<u>5-Year</u>	<u>10-Year</u>	<u>15-Year</u>
Std B	\$792	\$488	\$488
Std E-3	704	504	527
Std F-3	986	565	661
Std F-2	1,134	715	715
Std E-2	997	715	704

(R)\*  
|  
(R)\*

RATE PER MONTH PER 512 Kbps DUPLEX IDR CARRIER

	<u>5-Year</u>	<u>10-Year</u>	<u>15-Year</u>
Std B	\$6,332	\$3,905	\$3,905
Std E-3	5,637	4,042	3,981
Std F-3	7,904	4,527	4,527
Std F-2	9,063	5,714	5,714
Std E-2	7,972	5,714	5,628

(R)\*  
|  
(R)\*

All R $\frac{3}{4}$  FEC IDR contract carriers activated prior to January 1, 1992, which are transmitted through Standard A antennas in the U.S. with a minimum G/T of 40.7 dB/K and received by Standard A antennas at the foreign end with a G/T of at least 39.0 dB/K, will be billed commencing May 1, 1992 at 90 percent of the applicable rates in Section 6.1.4 above for the carrier size utilized. This reduction in the rates may be discontinued if INTELSAT USA LICENSE LLC implements a rate reduction in Section 6.1.4 above to which the 90 percent reduction is being applied.

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6. Digital Services (cont'd)

6.1 Digital Bearer Service (cont'd)

6.1.5 RATES FOR IDR, AND WHERE APPLICABLE TDMA, GROWTH  
CIRCUITS WITH A START-OF-LEASE DATE ON OR AFTER JANUARY  
1, 1992, FOR EACH OF THE FOUR REGIONS DEFINED IN SECTION  
6.1.B (8)

RATE PER MONTH PER DUPLEX IDR CARRIER - 1st 270  
CIRCUITS TO A GIVEN REGION\*

<u>Std. A &amp; C</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>15-Year</u>	
64 Kbps	\$541	\$347	\$279	\$257	(R) *
512 Kbps	4,337	2,777	2,231	2,049	
1.544 Mbps	12,490	8,001	8,022	5,658	
2.048 Mbps	15,612	9,996	5,142	7,074	
6.312 Mbps	44,347	28,411	22,771	19,938	
8.448 Mbps	59,131	36,696	30,358	26,583	(R) *

RATE PER MONTH PER DUPLEX IDR CARRIER - NEXT  
360 CIRCUITS TO A GIVEN REGION\*

<u>Std. A &amp; C</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>15-Year</u>	
64 Kbps	\$541	\$347	\$279	\$257	(R) *
512 Kbps	4,337	2,777	2,231	2,049	
1.544 Mbps	12,490	8,001	8,022	5,658	
2.048 Mbps	15,612	9,996	5,142	7,074	
6.312 Mbps	44,347	28,411	22,771	19,938	
8.448 Mbps	59,131	36,696	30,358	26,583	(R) *

RATE PER MONTH PER DUPLEX IDR CARRIER - NEXT  
450 CIRCUITS TO A GIVEN REGION\*

<u>Std. A &amp; C</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>15-Year</u>	
64 Kbps	\$541	\$347	\$279	\$257	(R) *
512 Kbps	4,337	2,777	2,231	2,049	
1.544 Mbps	12,490	8,001	8,022	5,658	
2.048 Mbps	15,612	9,996	5,142	7,074	
6.312 Mbps	44,347	28,411	22,771	19,938	
8.448 Mbps	59,131	36,696	30,358	26,583	(R) *

\* Filed pursuant to Report and Order, 14 FCC Rcd 3065 (1999).

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6. Digital Services (cont'd)

6.1 Digital Bearer Service (cont'd)

6.1.5 RATES FOR IDR, AND WHERE APPLICABLE TDMA, GROWTH  
CIRCUITS WITH A START-OF-LEASE DATE ON OR AFTER JANUARY  
1, 1992 FOR EACH OF THE FOUR REGIONS DEFINED IN SECTION  
6.1.B (8) (cont'd)

RATE PER MONTH PER DUPLEX IDR CARRIER -  
ADDITIONAL CIRCUITS TO A GIVEN REGION\*

<u>Std. A &amp; C</u>	<u>5-Year</u>	<u>7-Year</u>	<u>10-Year</u>	<u>15-Year</u>	(R)*
64 Kbps	\$541	\$347	\$279	\$257	
512 Kbps	4,337	2,777	2,231	2,049	
1.544 Mbps	12,490	8,001	8,022	5,658	
2.048 Mbps	15,612	9,996	5,142	7,074	
6.312 Mbps	44,347	28,411	22,771	19,938	
8.448 Mbps	59,131	36,696	30,358	26,583	
					(R)*

\* For purposes of calculating total use in each regional block, service taken under INTELSAT USA LICENSE LLC's PUBLICATION NO. 1 will also be counted in calculating the final rate.

The following earth station rate adjustment factors apply to the rates shown in Section 6.1.5:

<u>Earth Station Standard</u>	<u>Rate Adjustment Factor</u>
Std B	1.36
Std F-3	2.05
Std F-2	2.92
Std F-1**	3.83
Std E-3	1.68
Std E-2	4.94

\*\*Due to operational constraints, available only in a limited number of cases. Applies only to Hemi and Zone beam capacity.