

Issued: March 7, 2014

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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.

<u>Page No.</u>	<u>Revision No.</u>	<u>Page No.</u>	<u>Revision No.</u>
1	<b>2nd*</b>	55	Original
2	Original	56	Original
3	Original	57	Original
4	Original	58	Original
5	Original	59	Original
6	Original	60	Original
7	Original	61	Original
8	Original	62	Original
9	Original	63	Original
10	Original	64	Original
11	Original	65	Original
12	Original	66	Original
13	Original	67	Original
14	Original	68	Original
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16	Original	70	Original
17	Original	71	Original
18	Original	72	Original
19	Original	73	Original
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22	Original	76	Original
23	Original	77	Original
24	Original	78	Original
25	Original	79	Original
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27	Original	81	Original
28	Original	82	Original
29	Original	83	Original
30	Original	84	Original
31	Original	85	Original
32	Original	86	Original
33	Original	87	Original
34	Original	88	Original
35	Original	89	Original
36	Original	90	Original
37	Original		
38	Original		
39	Original		
40	Original		
41	Original		
42	Original		
43	Original		
44	<b>2nd*</b>		
45	<b>2nd*</b>		
46	<b>2nd*</b>		
47	<b>2nd*</b>		
48	<b>2nd*</b>		
49	Original		
50	Original		
51	Original		
52	Original		
53	Original		
54	Original		

\* New or Revised Tariff Page.

Issued: March 7, 2014

Effective: March 21, 2014

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	\$778	---	(R)*
5 years	519	14,988	
10 years	372	10,432	
15 years	370	10,155	(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 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>Clear Sky</u>	<u>Under Degraded Sky Conditions</u>	
		<u>Availability</u>	<u>Availability</u>
No Outer Codec	BER <10 <sup>-7</sup>	99.96% of year BER <10 <sup>-3</sup>	99.36% of year BER <10 <sup>-6</sup>
Outer Codec	BER <<10 <sup>-10</sup>	BER <10 <sup>-6</sup>	BER <<10 <sup>-10</sup>

<<10<sup>-10</sup> = A BER ratio substantially less than 10<sup>-10</sup>, 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	\$778	\$6,226	(R)*
Std. B	Monthly	936	7,493	(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	\$498	\$357	\$355	(R)*
512 Kbps	3,997	2,866	2,822	
1.544 Mbps	11,509	8,272	7,800	
2.048 Mbps	14,388	10,341	9,750	
6.312 Mbps	40,893	29,250	27,480	
8.448 Mbps	54,495	39,003	36,639	(R)*

RATE PER MONTH PER 64 Kbps DUPLEX IDR CARRIER

	<u>5-Year</u>	<u>10-Year</u>	<u>15-Year</u>	
Std B	\$760	\$468	\$468	(R)*
Std E-3	676	484	506	
Std F-3	947	542	635	
Std F-2	1,089	686	686	
Std E-2	957	686	676	(R)*

RATE PER MONTH PER 512 Kbps DUPLEX IDR CARRIER

	<u>5-Year</u>	<u>10-Year</u>	<u>15-Year</u>	
Std B	\$6,079	\$3,749	\$3,749	(R)*
Std E-3	5,412	3,880	3,822	
Std F-3	7,588	4,346	4,346	
Std F-2	8,700	5,485	5,485	
Std E-2	7,653	5,485	5,403	(R)*

All 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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Issued: March 7, 2014

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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	\$519	\$333	\$268	\$247	(R)*
512 Kbps	4,164	2,666	2,142	1,967	
1.544 Mbps	11,990	7,681	7,701	5,432	
2.048 Mbps	14,988	9,596	4,936	6,791	
6.312 Mbps	42,573	27,275	21,860	19,140	
8.448 Mbps	56,766	35,228	29,144	25,520	(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	\$519	\$333	\$268	\$247	(R)*
512 Kbps	4,164	2,666	2,142	1,967	
1.544 Mbps	11,990	7,681	7,701	5,432	
2.048 Mbps	14,988	9,596	4,936	6,791	
6.312 Mbps	42,573	27,275	21,860	19,140	
8.448 Mbps	56,766	35,228	29,144	25,520	(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	\$519	\$333	\$268	\$247	(R)*
512 Kbps	4,164	2,666	2,142	1,967	
1.544 Mbps	11,990	7,681	7,701	5,432	
2.048 Mbps	14,988	9,596	4,936	6,791	
6.312 Mbps	42,573	27,275	21,860	19,140	
8.448 Mbps	56,766	35,228	29,144	25,520	(R)*

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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>	
64 Kbps	\$519	\$333	\$268	\$247	(R)*
512 Kbps	4,164	2,666	2,142	1,967	
1.544 Mbps	11,990	7,681	7,701	5,432	
2.048 Mbps	14,988	9,596	4,936	6,791	
6.312 Mbps	42,573	27,275	21,860	19,140	
8.448 Mbps	56,766	35,288	29,144	25,520	(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.

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