

EXHIBIT A

FREQUENCY COORDINATION AND INTERFERENCE ANALYSIS REPORT

Prepared for

**INTELSAT, LLC
PAUMALU, HAWAII
(Call Sign: KA267)**

Satellite Earth Station

Prepared By:
COMSEARCH
19700 JANELIA FARM BOULEVARD
ASHBURN, VIRGINIA 20147
MARCH 8, 2004

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1. CONCLUSIONS

An interference study considering all existing, proposed and prior coordinated microwave facilities within the coordination contours of the proposed earth station demonstrates that this site will operate satisfactorily with the common carrier microwave environment, based upon the restrictions noted in the Summary of Results (Section 2).

2. SUMMARY OF RESULTS

A number of great circle interference cases were identified during the interference study of the proposed earth station. Each of the cases, which exceeded the interference objective on a line-of-sight basis, was profiled and the propagation losses estimated using NBS TN101 (Revised) techniques. The losses were found to be sufficient to reduce the signal levels to acceptable magnitudes in most cases.

The following companies reported potential great circle interference conflicts that did not meet the objectives on a line-of-sight basis. When over-the-horizon and frequency offset are considered on the interfering paths, sufficient losses exist to negate harmful interference from occurring with the existing transmit-receive earth stations. Further, the transmit spectrum will be limited to frequencies 5850.0 to 6211.6 MHz, 6242.0 to 6340.3 MHz, 6350.6 to 6360.0 MHz, and 6390.3 to 6425.0 MHz.

Company

AT&T Wireless Services of Hawaii, Inc.
Verizon Hawaii, Inc.

No Other Carriers Reported Potential Interference Cases.

3. SUPPLEMENTAL SHOWING

Pursuant to Part 25.203(c) of the FCC Rules and Regulations, the satellite earth station proposed in this application was coordinated by Comsearch using computer techniques and in accordance with Part 25 of the FCC Rules and Regulations.

Coordination data for this earth station was sent to the below listed carriers with a letter dated February 4, 2004.

Company

AT&T CORP-GOVT MKTS HAWAII INF TRANSFER
AT&T Wireless Services of Hawaii, Inc.
HAWAII STATE
HONOLULU CITY & COUNTY
UNIVERSITY OF HAWAII
Verizon Hawaii Inc.

4. EARTH STATION COORDINATION DATA

This section presents the data pertinent to frequency coordination of the proposed earth station that was circulated to all carriers within its coordination contours.

Date: 02/04/2004
 Job Number:

Administrative Information

Status ENGINEER PROPOSAL
 Call Sign KA267
 Licensee Code INTELS
 Licensee Name INTELSAT, LLC

Site Information PAUMALU, HAWAII

Venue Name
 Latitude (NAD 83) 21° 40' 14.1" N
 Longitude (NAD 83) 158° 2' 6.1" W
 Climate Zone A
 Rain Zone 4
 Ground Elevation (AMSL) 144.8 m / 475.1 ft

Link Information

Satellite Type Geostationary
 Mode TR - Transmit-Receive
 Modulation Analog
 Satellite Arc 83° W to 233° West Longitude
 Azimuth Range 95.6° to 264.3°
 Corresponding Elevation Angles 5.2° / 5.3°
 Antenna Centerline (AGL) 6.1 m / 20.0 ft

Antenna Information

Manufacturer
 Model
 Gain / Diameter
 3-dB / 15-dB Beamwidth

Receive

Vertex Communications
 9 KPC
 50.1 dBi / 9.0 m
 0.53° / 1.00°

Transmit

Vertex Communications
 9 KPC
 53.5 dBi / 9.0 m
 0.36° / 0.68°

Max Available RF Power (dBW/4 kHz)
 (dBW/MHz)

6.5
 30.5

Maximum EIRP (dBW/4 kHz)
 (dBW/MHz)
 (dBW)

60.0
 84.0
 83.0

Interference Objectives: Long Term -144.0 dBW/MHz 20%
 Short Term -134.0 dBW/MHz 0.01%

-154.0 dBW/4 kHz 20%
 -131.0 dBW/4 kHz 0.0025%

Frequency Information

Emission / Frequency Range (MHz)

Receive 4.0 GHz

800KFXD / 3625.0 - 4200.0

Transmit 6.1 GHz

800KFXD / 5850.0 - 6211.6
 800KFXD / 6242.0 - 6340.3
 800KFXD / 6350.6 - 6360.0
 800KFXD / 6390.3 - 6425.0

Max Great Circle Coordination Distance 510.1 km / 316.9 mi
 Precipitation Scatter Contour Radius 380.9 km / 236.7 mi

499.9 km / 310.6 mi
 265.8 km / 165.1 mi

Coordination Values**PAUMALU, HI**

Licensee Name INTELSAT, LLC
 Latitude (NAD 83) 21° 40' 14.1" N
 Longitude (NAD 83) 158° 2' 6.1" W
 Ground Elevation (AMSL) 144.8 m / 475.1 ft
 Antenna Centerline (AGL) 6.1 m / 20.0 ft
 Antenna Model Vertex Communications 9 KPC
 Antenna Mode Receive 4.0 GHz Transmit 6.1 GHz
 Interference Objectives: Long Term -144.0 dBW/MHz 20% -154.0 dBW/4 kHz
 Short Term -134.0 dBW/MHz 0.01% -131.0 dBW/4 kHz
 0.0025%
 Max Available RF Power 6.5 (dBW/4 kHz)

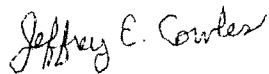
Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
0	0.00	95.62	-10.00	220.54	-10.00	206.04
5	0.00	90.64	-10.00	220.54	-10.00	206.04
10	0.00	85.66	-10.00	220.54	-10.00	206.04
15	0.00	80.68	-10.00	220.54	-10.00	206.04
20	0.00	75.70	-10.00	220.54	-10.00	206.04
25	0.00	70.72	-10.00	220.54	-10.00	206.04
30	0.00	65.75	-10.00	220.54	-10.00	206.04
35	0.00	60.77	-10.00	220.54	-10.00	206.04
40	0.00	55.80	-10.00	220.54	-10.00	206.04
45	0.00	50.83	-10.00	220.54	-10.00	206.04
50	0.00	45.87	-9.54	222.57	-9.54	206.18
55	0.00	40.92	-8.30	228.24	-8.30	211.06
60	0.00	35.97	-6.90	234.94	-6.90	216.77
65	0.39	30.98	-5.28	222.79	-5.28	205.47
70	0.68	26.01	-3.38	211.39	-3.38	195.85
75	0.97	21.05	-1.08	207.30	-1.08	191.06
80	1.07	16.17	1.78	217.07	1.78	200.21
85	1.52	11.26	5.71	223.25	5.71	205.36
90	1.92	6.53	11.62	245.48	11.62	221.55
95	1.91	3.37	18.81	510.09	18.81	499.95
100	2.55	5.12	14.28	245.72	14.28	220.70
105	2.70	9.61	7.44	204.92	7.44	184.33
110	2.81	14.16	3.23	182.07	3.23	158.83
115	3.09	18.60	0.26	158.73	0.26	139.33
120	3.03	23.16	-2.12	148.74	-2.12	132.55
125	2.94	27.68	-4.05	142.00	-4.05	126.95
130	3.22	31.98	-5.62	131.94	-5.62	115.99
135	3.10	36.38	-7.02	128.93	-7.02	112.78
140	2.75	40.77	-8.26	130.84	-8.26	114.60
145	2.02	45.22	-9.38	139.45	-9.38	124.55
150	2.34	49.00	-10.00	132.03	-10.00	116.03
155	2.27	52.69	-10.00	133.31	-10.00	117.34
160	2.22	56.02	-10.00	134.29	-10.00	118.33
165	2.56	58.56	-10.00	127.89	-10.00	111.80
170	2.26	60.81	-10.00	133.55	-10.00	117.58
175	2.30	61.95	-10.00	132.80	-10.00	116.82
180	2.30	62.32	-10.00	132.81	-10.00	116.82
185	2.00	62.24	-10.00	137.47	-10.00	122.79

Coordination Values	PAUMALU, HI		
Licensee Name	INTELSAT, LLC		
Latitude (NAD 83)	21° 40' 14.1" N		
Longitude (NAD 83)	158° 2' 6.1" W		
Ground Elevation (AMSL)	144.8 m / 475.1 ft		
Antenna Centerline (AGL)	6.1 m / 20.0 ft		
Antenna Model	Vertex Communications 9 KPC		
Antenna Mode	Receive 4.0 GHz		Transmit 6.1 GHz
Interference Objectives: Long Term	-144.0 dBW/MHz	20%	-154.0 dBW/4 kHz
	20%		
Short Term	-134.0 dBW/MHz	0.01%	-131.0 dBW/4 kHz
0.0025%			
Max Available RF Power			6.5 (dBW/4 kHz)

Azimuth (°)	Horizon Elevation (°)	Antenna Discrimination (°)	Receive 4.0 GHz		Transmit 6.1 GHz	
			Horizon Gain (dBi)	Coordination Distance (km)	Horizon Gain (dBi)	Coordination Distance (km)
190	1.70	61.26	-10.00	145.09	-10.00	129.95
195	1.72	59.13	-10.00	144.49	-10.00	129.41
200	1.35	56.52	-10.00	155.04	-10.00	137.43
205	1.00	53.35	-10.00	166.00	-10.00	147.20
210	0.66	49.80	-10.00	186.59	-10.00	165.89
215	0.42	45.94	-9.55	203.88	-9.55	186.41
220	0.00	41.97	-8.57	226.95	-8.57	209.95
225	0.27	37.58	-7.37	225.04	-7.37	207.90
230	0.41	33.14	-6.01	216.98	-6.01	201.83
235	0.00	28.87	-4.51	247.14	-4.51	227.07
240	0.00	24.36	-2.67	257.34	-2.67	235.49
245	0.00	19.82	-0.43	270.32	-0.43	246.27
250	0.00	15.24	2.42	287.99	2.42	260.37
255	0.00	10.72	6.25	314.37	6.25	282.31
260	0.00	6.83	11.13	350.01	11.13	314.05
265	0.00	5.33	13.83	509.76	13.83	499.27
270	0.00	7.75	9.77	339.83	9.77	304.72
275	0.00	11.89	5.12	305.89	5.12	275.57
280	0.00	16.51	1.55	282.46	1.55	255.73
285	0.00	21.30	-1.21	265.68	-1.21	242.43
290	0.00	26.17	-3.44	253.02	-3.44	231.89
295	0.00	31.08	-5.31	242.94	-5.31	223.54
300	0.00	36.00	-6.91	234.89	-6.91	216.73
305	0.00	40.95	-8.31	228.20	-8.31	211.02
310	0.00	45.90	-9.55	222.54	-9.55	206.15
315	0.00	50.87	-10.00	220.54	-10.00	206.04
320	0.00	55.83	-10.00	220.54	-10.00	206.04
325	0.00	60.80	-10.00	220.54	-10.00	206.04
330	0.00	65.78	-10.00	220.54	-10.00	206.04
335	0.00	70.75	-10.00	220.54	-10.00	206.04
340	0.00	75.73	-10.00	220.54	-10.00	206.04
345	0.00	80.71	-10.00	220.54	-10.00	206.04
350	0.00	85.69	-10.00	220.54	-10.00	206.04
355	0.00	90.66	-10.00	220.54	-10.00	206.04

5. CERTIFICATION

I HEREBY CERTIFY THAT I AM THE TECHNICALLY QUALIFIED PERSON RESPONSIBLE FOR THE PREPARATION OF THE FREQUENCY COORDINATION DATA CONTAINED IN THIS APPLICATION, THAT I AM FAMILIAR WITH PARTS 101 AND 25 OF THE FCC RULES AND REGULATIONS, THAT I HAVE EITHER PREPARED OR REVIEWED THE FREQUENCY COORDINATION DATA SUBMITTED WITH THIS APPLICATION, AND THAT IT IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



JEFFREY E. COWLES
PRINCIPAL FREQUENCY PLANNER
COMSEARCH
19700 JANELIA FARM BLVD.
ASHBURN, VA 20147

DATED: MARCH 8, 2004

EXHIBIT B

Analysis of Non-Ionizing Radiation for a 9.0-Meter Earth Station System

This report analyzes the non-ionizing radiation levels for a 9.0-meter earth station system. The analysis and calculations performed in this report comply with the methods described in the FCC Office of Engineering and Technology Bulletin, No. 65 first published in 1985 and revised in 1997 in Edition 97-01. The radiation safety limits used in the analysis are in conformance with the FCC R&O 96-326. Bulletin No. 65 and the FCC R&O specifies that there are two separate tiers of exposure limits that are dependant on the situation in which the exposure takes place and/or the status of the individuals who are subject to the exposure. The Maximum Permissible Exposure (MPE) limits for persons in a General Population/Uncontrolled environment are shown in Table 1. The General Population/Uncontrolled MPE is a function of transmit frequency and is for an exposure period of thirty minutes or less. The MPE limits for persons in an Occupational/Controlled environment are shown in Table 2. The Occupational MPE is a function of transmit frequency and is for an exposure period of six minutes or less. The purpose of the analysis described in this report is to determine the power flux density levels of the earth station in the far-field, near-field, transition region, between the subreflector or feed and main reflector surface, at the main reflector surface, and between the antenna edge and the ground and to compare these levels to the specified MPEs.

Table 1. Limits for General Population/Uncontrolled Exposure (MPE)

Frequency Range (MHz)	Power Density (mW/cm ²)
30-300	0.2
300-1500	Frequency (MHz)*(0.8/1200)
1500-100,000	1.0

Table 2. Limits for Occupational/Controlled Exposure (MPE)

Frequency Range (MHz)	Power Density (mW/cm ²)
30-300	1.0
300-1500	Frequency (MHz)*(4.0/1200)
1500-100,000	5.0

Table 3. Formulas and Parameters Used for Determining Power Flux Densities

Parameter	Symbol	Formula	Value	Units
Antenna Diameter	D	Input	9.0	m
Antenna Surface Area	A _{surface}	$\pi D^2 / 4$	63.62	m ²
Subreflector Diameter	D _{sr}	Input	117.0	cm
Area of Subreflector	A _{sr}	$\pi D_{sr}^2 / 4$	10751.32	cm ²
Frequency	F	Input	6175	MHz
Wavelength	λ	300 / F	0.048583	m
Transmit Power	P	Input	900.00	W
Antenna Gain (dBi)	G _{es}	Input	53.5	dBi
Antenna Gain (factor)	G	$10^{G_{es}/10}$	223872.1	n/a
Pi	π	Constant	3.1415927	n/a
Antenna Efficiency	η	$G\lambda^2/(\pi^2 D^2)$	0.66	n/a

1. Far Field Distance Calculation

The distance to the beginning of the far field can be determined from the following equation:

$$\begin{aligned} \text{Distance to the Far Field Region} \quad R_{ff} &= 0.60 D^2 / \lambda \\ &= 1000.4 \text{ m} \end{aligned} \quad (1)$$

The maximum main beam power density in the far field can be determined from the following equation:

$$\begin{aligned} \text{On-Axis Power Density in the Far Field} \quad S_{ff} &= G P / (4 \pi R_{ff}^2) \\ &= 16.022 \text{ W/m}^2 \\ &= 1.602 \text{ mW/cm}^2 \end{aligned} \quad (2)$$

2. Near Field Calculation

Power flux density is considered to be at a maximum value throughout the entire length of the defined Near Field region. The region is contained within a cylindrical volume having the same diameter as the antenna. Past the boundary of the Near Field region, the power density from the antenna decreases linearly with respect to increasing distance.

The distance to the end of the Near Field can be determined from the following equation:

$$\begin{aligned} \text{Extent of the Near Field} \quad R_{nf} &= D^2 / (4 \lambda) \\ &= 416.8 \text{ m} \end{aligned} \quad (3)$$

The maximum power density in the Near Field can be determined from the following equation:

$$\begin{aligned} \text{Near Field Power Density} \quad S_{nf} &= 16.0 \eta P / (\pi D^2) \\ &= 37.403 \text{ W/m}^2 \\ &= 3.740 \text{ mW/cm}^2 \end{aligned} \quad (4)$$

3. Transition Region Calculation

The Transition region is located between the Near and Far Field regions. The power density begins to decrease linearly with increasing distance in the Transition region. While the power density decreases inversely with distance in the Transition region, the power density decreases inversely with the square of the distance in the Far Field region. The maximum power density in the Transition region will not exceed that calculated for the Near Field region. The power density calculated in Section 1 is the highest power density the antenna can produce in any of the regions away from the antenna. The power density at a distance R_t can be determined from the following equation:

$$\begin{aligned} \text{Transition Region Power Density} \quad S_t &= S_{nf} R_{nf} / R_t \\ &= 3.740 \text{ mW/cm}^2 \end{aligned} \quad (5)$$

4. Region between the Main Reflector and the Subreflector

Transmissions from the feed assembly are directed toward the subreflector surface, and are reflected back toward the main reflector. The most common feed assemblies are waveguide flanges, horns or subreflectors. The energy between the subreflector and the reflector surfaces can be calculated by determining the power density at the subreflector surface. This can be determined from the following equation:

$$\begin{aligned} \text{Power Density at the Subreflector} \quad S_{sr} &= 4000 P / A_{sr} & (6) \\ &= 334.843 \text{ mW/cm}^2 \end{aligned}$$

5. Main Reflector Region

The power density in the main reflector is determined in the same manner as the power density at the subreflector. The area is now the area of the main reflector aperture and can be determined from the following equation:

$$\begin{aligned} \text{Power Density at the Main Reflector Surface} \quad S_{\text{surface}} &= 4 P / A_{\text{surface}} & (7) \\ &= 56.588 \text{ W/m}^2 \\ &= 5.659 \text{ mW/cm}^2 \end{aligned}$$

6. Region between the Main Reflector and the Ground

Assuming uniform illumination of the reflector surface, the power density between the antenna and the ground can be determined from the following equation:

$$\begin{aligned} \text{Power Density between Reflector and Ground} \quad S_g &= P / A_{\text{surface}} & (8) \\ &= 14.147 \text{ W/m}^2 \\ &= 1.415 \text{ mW/cm}^2 \end{aligned}$$

7. Summary of Calculations

Table 4. Summary of Expected Radiation levels for Uncontrolled Environment

Region	Calculated Maximum Radiation Power Density Level (mW/cm ²)		Hazard Assessment
1. Far Field ($R_{ff} = 1000.4$ m)	S_{ff}	1.602	Potential Hazard
2. Near Field ($R_{nf} = 416.8$ m)	S_{nf}	3.740	Potential Hazard
3. Transition Region ($R_{nf} < R_t < R_{ff}$)	S_t	3.740	Potential Hazard
4. Between Main Reflector and Subreflector	S_{sr}	334.843	Potential Hazard
5. Main Reflector	$S_{surface}$	5.659	Potential Hazard
6. Between Main Reflector and Ground	S_g	1.415	Potential Hazard

Table 5. Summary of Expected Radiation levels for Controlled Environment

Region	Calculated Maximum Radiation Power Density Level (mW/cm ²)		Hazard Assessment
1. Far Field ($R_{ff} = 1000.4$ m)	S_{ff}	1.602	Satisfies FCC MPE
2. Near Field ($R_{nf} = 416.8$ m)	S_{nf}	3.740	Satisfies FCC MPE
3. Transition Region ($R_{nf} < R_t < R_{ff}$)	S_t	3.740	Satisfies FCC MPE
4. Between Main Reflector and Subreflector	S_{sr}	334.843	Potential Hazard
5. Main Reflector	$S_{surface}$	5.659	Potential Hazard
6. Between Main Reflector and Ground	S_g	1.415	Satisfies FCC MPE

It is the applicant's responsibility to ensure that the public and operational personnel are not exposed to harmful levels of radiation.

8. Conclusions

Based upon the above analysis, it is concluded that harmful levels of radiation may exist in those regions noted for the Uncontrolled (Table 4) and Controlled (Table 5) Environments.

The antenna is installed at the Intelsat, LLC facility in Paumalu, Hawaii. The facility is surrounded by a fence, which will restrict any public access. The earth station will be marked with the standard radiation hazard warnings, as well as the area in the vicinity of the earth station to inform those in the general population, who might be working or otherwise present in or near the direct path of the main beam.

The applicant will ensure that the main beam of the antenna will be pointed at least one diameter away from any building, or other obstacles in those areas that exceed the MPE levels. Since one diameter removed from the center of the main beam the levels are down at least 20 dB, or by a factor of 100, these potential hazards do not exist for either the public, or for earth station personnel.

Finally, the earth station's operating personnel will not have access to areas that exceed the MPE levels, while the earth station is in operation. The transmitter will be turned off during periods of maintenance, so that the MPE standard of 5.0 mw/cm^2 will be complied with for those regions in close proximity to the main reflector, which could be occupied by operating personnel.

EXHIBIT C

FAA Notification Not Required

Per PART 17[17.14(a)] of the FCC rules, FAA notification is not required, as the antenna structure is located in an area with structures of equal or greater heights.

EXHIBIT D

Exhibit D
Response to Question 21

Intelsat LLC seeks to operate this earth station on both a common carrier and non-common carrier basis. However, the electronic response to Question 21 only permits an applicant to check one box. Accordingly, Intelsat LLC checked one box—the box marked non-common carrier—and submits this exhibit to make clear that both boxes—the box marked non-common carrier and the box marked common carrier—should be checked.

EXHIBIT E

Register of Members

Class: ordinary shares

Currency: U.S. DOLLARS

Par Value: 3.0000

Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Government of the Democratic and Popular Republic of Algeria Telecommunications Alger 4 Bd. Krim Belkacem Alger 16027 Algeria	1	513,695.0000	1:3 share consolidation		04 Jun 2002
Empresa de Telecomunicacoes de Angola, ANGOLA TELECOM, E.P. Rua 1 Congresso, 26, 1 Andar P.O. Box 625 Luanda Angola	2	380,514.0000	1:3 share consolidation		04 Jun 2002
Secretaria de Comunicaciones Peru 103 Piso 15 C1067ACC - Capital Federal Buenos Aires Argentina	3	83,167.0000	1:3 share consolidation		04 Jun 2002
Advance Telecomunicaciones S.A. L.N. Alem 628 piso 9 Capital Federal Buenos Aires C1001AAO Argentina	4	148,939.0000	1:3 share consolidation		04 Jun 2002
GTECH Foreign Holdings Corporation 55 Technology Way West Greenwich RI 02817 USA	6	20,225.0000	1:3 share consolidation		04 Jun 2002
Pramer S.C.A. Bonpland 1745 1-piso Capital Federal Buenos Aires, 1414 Argentina	7	14,684.0000	1:3 share consolidation		04 Jun 2002
Servicio Para el Transporte de Informacion S.A. (SPTI) Aristobulo del Valle 1257 Piso 2 Capital Federal 1295 Buenos Aires Argentina	8	21,130.0000	1:3 share consolidation		04 Jun 2002

INTELSAT. LTD.

Matter: 342500

Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Servicios Satelitales S.A. Avenda Jujuy 1956 Capital Federal (ABU 1247)-Ciudad Autonoma de Buenos Aires Argentina	9	790.0000	1:3 share consolidation		04 Jun 2002
Tecoar S.A. Av Rivadavia 1367 P16"A" 1033 Capital Federal Buenos Aires Argentina	10	256,135.0000	1:3 share consolidation		04 Jun 2002
Telefonica de Argentina Calle Peron 1286 Piso 5 Capital Federal (1038) Buenos Aires Argentina	12	203,059.0000	1:3 share consolidation		04 Jun 2002
Ministry of Telecommunications of the Republic of Armenia 28 Nalbandyan Str. Yerevan 375010 Armenia	14	83,334.0000	1:3 share consolidation		04 Jun 2002
Optus Networks Pty. Limited Level 5 242 Exhibition Street Melbourne Victoria 3000 Australia	15	1,551,372.0000	1:3 share consolidation		04 Jun 2002
Telstra Corporation Limited 242 Exhibition Street Level 5 Melbourne Victoria 3000 Australia	16	2,842,777.0000	1:3 share consolidation		04 Jun 2002
Telekom Austria Aktiengesellschaft Schwarzenbergplatz 3 A-1010 Vienna Austria	17	321,462.0000	1:3 share consolidation		04 Jun 2002
Ministry of Communication of Azerbaijan Republic Azerbaijan Avenue 33 P.O. Box 370139 Baku Azerbaijan	18	83,334.0000	1:3 share consolidation		04 Jun 2002
The Bahamas Telecommunication Corporation (BATELCO) P.O. Box N-3048 John F. Kennedy Drive Nassau N.P. Bahamas	19	192,202.0000	1:3 share consolidation		04 Jun 2002

INTELSAT. LTD.

Matter: 342500

Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Bahrain Telecommunications Company (BATELCO) P.O. Box 14 Manama Arabian Gulf Bahrain	20	558,082.0000	1:3 share consolidation		04 Jun 2002
Telegraph & Telephone Board of Bangladesh Telejogajog Bhaban 37/E, Eskaton Garden Dhaka 1000 Bangladesh	21	355,197.0000	1:3 share consolidation		04 Jun 2002
Cable & Wireless (Barbados) Limited Widey St. Michael Barbados	22	148,407.0000	1:3 share consolidation		04 Jun 2002
BELGACOM BELGACOM Towers U-Tower, 28th Floor Koning Albert II Iaan 27 B-1030 Brussels Belgium	23	397,267.0000	1:3 share consolidation		04 Jun 2002
Office des Postes et Telecommunications de la Republique du Benin 01 B.P. 5959 Cotonou Benin	24	95,454.0000	1:3 share consolidation		04 Jun 2002
Empresa Nacional de Telecomunicaciones (ENTEL) Calle Federico Zuazo No. 1771 8vo. Piso La Paz Bolivia	25	313,347.0000	1:3 share consolidation		04 Jun 2002
Bulgarian Telecommunications Company Ltd. 8 Totleben Blvd 1606 Sofia Bulgaria	30	83,334.0000	1:3 share consolidation		04 Jun 2002
Office National des Telecommunications (ONATEL) du Burkina Faso Avenue Nelson Mandela 01 B.P. 10000 Ouagadougou 01 Burkina Faso	31	96,857.0000	1:3 share consolidation		04 Jun 2002
Cameroon Telecommunications (CAMTEL) P.O. Box 1571 Yaounde CAMEROON	32	310,170.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
CABO VERDE TELECOM, SARL B.P. 220 Praia Cape Verde	34	83,334.0000	1:3 share consolidation		04 Jun 2002
Societe Centrafricaine des Telecommunications (SOCATEL) P.O. Box 939 Bangui Central African Republic	35	23,221.0000	1:3 share consolidation		04 Jun 2002
AT&T Chile Long Distance S.A. Vitacura 2939 Piso 8 Santiago Chile	36	12,934.0000	1:3 share consolidation		04 Jun 2002
Compania de telefonos de Chile Transmisiones Regionales S.A. c/o Telefonica Mundo 188 Nueva de Lyon No. 72, piso 11 P.O. Box 16370 Providencia Chile	37	96,022.0000	1:3 share consolidation		04 Jun 2002
CHINA TELECOM 33 Erlong Road Xicheng District Beijing 100032 People's Republic of China	38	2,769,292.0000	1:3 share consolidation		04 Jun 2002
PCCW-HKT Limited 35th Floor Cheung Kong Center 2 Queen's Road Central Hong Kong People's Republic of China	39	1,055,732.0000	1:3 share consolidation		04 Jun 2002
Office Congolais des Postes et Telecommunications (OCPT) Immeube INSS, 1er niveau, 95 Boulevard du 30 juin Kinshasa/Gombe P.O.Box 7070, Kinshasa 1 Democratic Republic of Congo	40	151,403.0000	1:3 share con		04 Jun 2002
Instituto Costarricense de Electricidad Edificio Central Sabana Norte Boulevard Las Americas y Calle Luisa, Piso 2 Puerta 75, San Jose 1000 Costa Rica	41	316,027.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
L'Agence des Telecommunications de Cote d'Ivoire (ATCI) 18 B.P. 2203 Abidjan 18 Cote D'ivoire	42	329,692.0000	1:3 share consolidation		04 Jun 2002
Cote-d'Ivoire (CI-Telecom) 17 BP 275 Abidjan 17 Cote D'ivoire	43	184,002.0000	1:3 share consolidation		04 Jun 2002
Ministry of Maritime Affairs, Transport and Communications Prisavlje 14 HR 10 000 Zagreb Croatia (Hrvatska)	44	95,955.0000	1:3 share consolidation		04 Jun 2002
Empresa de Telecomunicaciones de Cuba, S.A. (ETECSA) Calle 18 #3303 e/33 y 41 Miramar Plaga Ciudad De La Habana, CP1 Cuba	45	83,334.0000	1:3 share consolidation		04 Jun 2002
Ceske Radiokomunikace a.s. U nakladoveho nadrazi 3114 130 00 Praha 3 Czech Republic	46	102,954.0000	1:3 share consolidation		04 Jun 2002
TDC Tele Danmark A/S Norregade 21 DK-0900 Copenhagen C Denmark	47	313,192.0000	1:3 share consolidation		04 Jun 2002
TELE Greenland A/S P.O. Box 1002 Skolevej 8 DK-3900 Nuuk Greenland	48	496,634.0000	1:3 share consolidation		04 Jun 2002
Pacifictel S.A. Rocafuerte 732 y Roca Edificio Pacifictel Guayaquil Ecuador	50	129,682.0000	1:3 share consolidation		04 Jun 2002
Telecom Egypt International Communications 26 Ramsis Street P.O. Box 2271 Cairo, 11511 Egypt	51	769,449.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Compania de Telecomunicaciones de El Salvador, S.A. de C.V. 63 Avenida Sur y Alameda Roosevelta, Centro Financiero Gigante, Torre A, Nivel 11 San Salvador El Salvador	52	98,305.0000	1:3 share consolidation		04 Jun 2002
Ministry of Transportation and Communications of the Republic of Equatorial Guinea Calle Presidente Nasar S/N A.P. 490 Malabo Equatorial Guinea	53	83,334.0000	1:3 share consolidation		04 Jun 2002
Fiji International Telecommunications Limited (FINTEL) 158 Victoria Parade P.O. Box 59 Suva Fiji	54	114,919.0000	1:3 share consolidation		04 Jun 2002
Sonera Carrier Networks Ltd. P.O. Box 800 FIN-00051 Sonera Finland	55	83,334.0000	1:3 share consolidation		04 Jun 2002
FRANCE TELECOM FTLD/DFI 246 rue de Bercy Paris 75012 France	56	7,049,234.0000	1:3 share consolidation		04 Jun 2002
MULTICOMS 6 allee Latecoere BP 280 78147 Velizy Cedex France	57	2.0000	1:3 share consolidation		04 Jun 2002
Office des Postes et Telecommunications de Polynesie Francaise 8, Rue De La Reine Pomare IV 98713 Papeete Tahiti French Polynesia	58	259,987.0000	1:3 share consolidation		04 Jun 2002
Office des Postes et Telecommunications (OPT) Boite Postale 20000 Libreville Gabon	59	142,467.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
SakSat Georgia, Ltd. 40 Old Orchard Drive Weston CT 06883 United States	60	83,334.0000	1:3 share consolidation		04 Jun 2002
Deutsche Telekom AG ZB NI/N135 Schofferstr. 10 64307 Darmstadt Germany	61	5,718,954.0000	1:3 share consolidation		04 Jun 2002
Ghana Telecommunications Company Limited Accra North Post Office Nsawan Road Accra-North Ghana	62	347,544.0000	1:3 share consolidation		04 Jun 2002
Empresa Guatemalteca de Telecomunicaciones Calzado Aguilar Batres 35-37 Zona 12 Ciudad De Guatemala Guatemala	63	427,460.0000	1:3 share consolidation		04 Jun 2002
Empresa Hondurena de Telecomunicaciones (HONDUTEL) Blv. Centroamerica P.O. Box 1794 Tegucigalpa, M.D.C. Honduras	64	83,334.0000	1:3 share consolidation		04 Jun 2002
Iceland Telecom Limited v/Austurvoll IS-150 Reykjavik Iceland	66	214,605.0000	1:3 share consolidation		04 Jun 2002
Videsh Sanchar Nigam Limited Videsh Sanchar Bhavan Mahatma Gandhi Road Mumbai 400 001 India	67	9,015,314.0000	1:3 share consolidation		04 Jun 2002
PT INDOSAT Jalan Medan Merdeka Barat 21 P.O. Box 2905 Jakarta 10110 Indonesia	68	562,090.0000	1:3 share consolidation		04 Jun 2002
Telecommunication Company of Iran TCI Building #2 Dr. Shariati Avenue P.O. Box 16315-159 Tehran Iran	69	2,434,474.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
RTE Commercial Enterprises Ltd. Mount Errol Donnybrook Dublin 4 Ireland	70	142,579.0000	1:3 share consolidation		04 Jun 2002
"BEZEQ" The Israel Telecommunication Corporation Limited P.O. Box 1088 Jerusalem 91010 Israel	71	1,234,100.0000	1:3 share consolidation		04 Jun 2002
Cable & Wireless Jamaica Limited 47 Half Way Tree Road Post Office Box 21 Kingston 5 Jamaica	72	368,444.0000	1:3 share consolidation		04 Jun 2002
KDDI Corporation KDDI Bldg 3-2, Nishishinjuku 2-Chome Shinjuku Tokyo 163-8003 Japan	73	1,892,884.0000	1:3 share consolidation		04 Jun 2002
Jordan Telecommunications Company Prince Mohammad Street Third Circle Tower Building P.O. Box 1689 Amman 11118 Jordan	74	332,445.0000	1:3 share consolidation		04 Jun 2002
Telkom Kenya Limited Kenyatta Ave. P.O. Box 30301 Nairobi Kenya	75	539,669.0000	1:3 share consolidation		04 Jun 2002
Ministry of Posts and Telecommunications of the Democratic People's Republic of Korea, c/o DPR of Korea Permanent Mission to the United Nations 820 2nd Av. New York NY 10017 USA	76	83,334.0000	1:3 share consolidation		04 Jun 2002
Ministry of Communications, The State of Kuwait International Services Sector P.O. Box 318 11111 Safat Kuwait	78	1,069,179.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Ministry of Transport and Communications of the Kyrgyz Republic Isanov Street 42 720017 Bishkek Kyrgyz Republic	79	83,334.0000	1:3 share consolidation		04 Jun 2002
Government of Lebanon P.O. Box 11-86 Beirut Lebanon	80	281,102.0000	1:3 share consolidation		04 Jun 2002
Government of the Great Socialist People's Libyan Arab Jamahiriya P.O. Box 886 Zawia Street Tripoli Libya	81	484,754.0000	1:3 share consolidation		04 Jun 2002
Government of the Principality of Liechtenstein Ministry of PTT Liechtenstein Office for Foreign Affairs Hiligkreuz 14 9490 Vaduz Liechtenstein	82	83,334.0000	1:3 share consolidation		04 Jun 2002
TELECOM MALAGASY S.A. D.R.T. B.P. 763 Alarobia Antananarivo 101 Madagascar	83	181,700.0000	1:3 share consolidation		04 Jun 2002
Malawi Telecommunications Limited Glyn Jones Road P.O. Box 537 Blantyre Malawi	84	95,955.0000	1:3 share consolidation		04 Jun 2002
TELEKOM MALAYSIA BERHAD (128740-P) 5th Floor Wisma Telecom, Block A Jalan Gelenggang Damansa 50410 Kuala Lumpur Malaysia	85	833,704.0000	1:3 share consolidation		04 Jun 2002
Societe des Telecommunications du Mali (SOTELMA) B.P. 740 Bamako Mali	86	166,232.0000	1:3 share consolidation		04 Jun 2002
MALTACOM p.l.c. Spencer Hill Marsa Malta	87	104,354.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Mauritius Telecom Limited Cassis Satellite Earth Station Menagerie Road Cassis Mauritius	88	316,027.0000	1:3 share consolidation		04 Jun 2002
TELECOMUNICACIONES DE MEXICO (TELECOMM) Eje Central Lazaro Cardenas No. 567, Torre Central de Telecomunicaciones, Piso 11 Ala Norte Col. Narvarte, C.P. 03020, Mexico	89	563,357.0000	1:3 share consolidation		04 Jun 2002
Federated States of Micronesia Telecommunications Corporation P.O. Box 1210 Kolonia Pohnpei 96941 Federated State of Micronesia	90	83,334.0000	1:3 share consolidation		04 Jun 2002
MONACO TELECOM S.A.M. 7 Rue du Gabian 98000 Monaco	91	174,002.0000	1:3 share consolidation		04 Jun 2002
Mongolia Telecom Sq. Sukhbaatar-9 P.O.B. 1166 Ulaanbaatar 210611 Mongolia	92	83,334.0000	1:3 share consolidation		04 Jun 2002
Itissalat Al Maghrib S.A. Avenue Ennakhil-Hay Riad Rabat Morocco	93	271,200.0000	1:3 share consolidation		04 Jun 2002
Empresa Nacional de Telecomunicacoes de Mocambique, E.P.-TDM Rue Da Se, No.2 P.O. Box 25 Maputo Mozambique	94	255,024.0000	1:3 share consolidation		04 Jun 2002
Telecom Namibia Limited P.O. Box 297 Windhoek Namibia	95	83,334.0000	1:3 share consolidation		04 Jun 2002
Nepal Telecommunications Corporation Central Office Sanchar Bhavan Bhradrakali Plaza Kathmandu P.O.Box 5406 Nepal	96	133,139.0000	1:3 share consolidation		04 Jun 2002

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Member	Number	No. Shares	Transfer Details	% Paid	Date of Entry as Member
Telecom Corporation of New Zealand Limited Telecom Networks House 68-86 Jervols Quay P.O. Box 1092 Wellington 6015 New Zealand	97	820,597.0000	1:3 share consolidation		04 Jun 2002
Television New Zealand Ltd. Television Centre 100 Victoria St West P.O. Box 3819 Auckland New Zealand	98	3,409.0000	1:3 share consolidation		04 Jun 2002
Instituto Nicaraguense de Telecomunicaciones y Correos (TELCOR) Edificio Del Seguro Social VI piso Apartado Postal No. 2664 Managua Nicaragua	99	89,450.0000	1:3 share consolidation		04 Jun 2002
Societe Nigerienne des Telecommunications (SONITEL) B.P. 208 Niamey Niger	100	112,259.0000	1:3 share consolidation		04 Jun 2002
Nigerian Telecommunications Limited (NITEL) Block 4, Mambolo Street Wuse, Zone 2 P.O. Box 2890 Garki Abuja Nigeria	101	997,467.0000	1:3 share consolidation		04 Jun 2002
Telenor Broadband Services AS P.O.Box 6914 St. Olavs Plass Oslo N-0130 Norway	102	6,855,530.0000	1:3 share consolidation		04 Jun 2002
Oman Telecommunications Company (S.A.O.C.)- Omantel P.O. Box 789 Omantel, Ruwi Postal code 112 Muscat Oman	103	280,187.0000	1:3 share consolidation		04 Jun 2002
Cable & Wireless Panama S.A. Edificio Plaza Internacional Torre C Via Espana Ciudad De Panama 9A Panama	104	487,559.0000	1:3 share consolidation		04 Jun 2002