



NEWS

Federal Communications Commission
445 12th Street, S.W.
Washington, D. C. 20554

News media Information 202 / 418-0500
Fax-On-Demand 202 / 418-2830
Internet: <http://www.fcc.gov>
<ftp.fcc.gov>

This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action. See MCI v. FCC, 515 F 2d 385 (D.C. Circ 1974).

FOR IMMEDIATE RELEASE:
December 17, 1999
Report No. IN 99-36, 1999

News Media contact:
Rosemary Kimball at (202) 418-0500

INTERNATIONAL BUREAU RELEASES 1998 YEAR-END CIRCUIT STATUS REPORT FOR U.S. FACILITIES-BASED INTERNATIONAL CARRIERS, REFLECTING INCREASED CAPACITY AND INCREASED USE OF INTERNATIONAL PRIVATE LINES

The International Bureau today released the 1998 year-end circuit status report, which reflects a continued shift from International Message Telephone Services (IMTS) to International Private Line.

The report covers U.S. international facilities (undersea cables, satellites, and terrestrial links) and identifies the activated (in-service) and idle circuits for each international point as of December 31, 1998. The report also includes data from 1995 to 1997 for all international points by transmission facilities.

The report indicates that the number of activated 64 Kbps equivalent circuits at year-end 1998 was 464,092, a 34% increase from 1997. By service type, International Message Telephone Services (IMTS) accounted for 44% of the total circuits used; International Private Line Services accounted for 55%; and the remaining 1% of total circuits were used for Video and Other Miscellaneous Services. The 1998 data reflect a continued shift from IMTS to International Private Line Services.

By transmission type, undersea cables account for 54% of total activated circuits, an increase of 9% from 1997; terrestrial links account for 38%, a decrease of 6% from 1997; and satellites account for 8% of the total activated capacity, a decrease of 3% from 1997. The top 30 destinations among all international routes account for 91% of the total activated circuits. Due to newly expanded cable capacity in late 1998, the percentage of idle circuits as compared to the total circuit capacity (active and idle) increased from 27% in 1997 to 45% in 1998.

The report is available for reference in the FCC's Reference Information Center, Courtyard Level, 445 12th Street, SW, Washington, D.C. Copies may be purchased by calling International Transcription Services, Inc. (ITS) at (202) 857-3800. This report can be downloaded from the International Bureau home page (www.fcc.gov/ib/td/pf/csmanual.html) on the World Wide Web. Inquires and submissions should be directed to Cathy Hsu, Telecommunications Division, International Bureau, at (202) 418-2114.



INTERNATIONAL BUREAU

REPORT

1998 Section 43.82 Circuit Status Data

December, 1999

Cathy Hsu

Telecommunications Division

1998 Section 43.82 Circuit Status Data

Introduction

This report contains information on U.S. international facilities-based carriers' circuits as of year-end 1998, submitted to the Federal Communications Commission (Commission) by U.S. carriers pursuant to Section 43.82 of the Commission's rules. In addition, this report compiles data from the 1995 through 1997 reports. Section 43.82 directs facilities-based carriers to file an international circuit status report by March 31 each year for circuits used to provide international services as of December 31 of the preceding year. The detailed filing requirements are set forth in the Manual for Filing Section 43.82 Circuit Status Data that can be found on the International Bureau's Web site at "<http://www.fcc.gov/ib/td/pf/csmanual.html>".

The information is compiled in an aggregated form designed to be most useful to current industry members, potential new entrants, and the Commission. In addition, this annual circuit status report will serve as a database for determining and monitoring the payments that the Commission is required to collect (*i.e.*, annual regulatory fees on active equivalent 64 Kbps international circuits).

Reporting Requirements

All U.S. international facilities-based carriers are required to file circuit status information, reflecting both activated (in-service) and idle capacity. Although units of circuit capacity have increased to E-1 and STM-1 levels, all services are reported in 64 Kbps equivalent circuits because that unit is the basis for collecting the regulatory fee on active international circuits.¹

The Commission's manual on filing circuit status reports defines international facilities-based circuits as "international circuits in which a carrier has an ownership interest which includes outright ownership, indefeasible right of use (IRU) interests, or leasehold interest in bare capacity in an international facility, regardless of whether the underlying facility is a common or non-common carrier submarine cable or an INTELSAT or other satellite system." This definition is consistent with the definition of "International facilities-based carrier" contained in Section 63.09 (a) of the Commission's rules, 47 C.F.R. 63.09 (a).

This report includes both circuits from U.S. domestic points to foreign points and circuits from U.S. points to offshore U.S. points. United States and foreign points are identified in the Common Carrier Bureau Industry Analysis Division report titled *International Points used for FCC Reporting Purposes (International Points)*, released April 1, 1994. U.S. domestic points are the 50 states, the District of Columbia, and Puerto Rico. Foreign points include ships operating in international waters as well as foreign destinations. Offshore U.S. points include U.S. territories such as American Samoa, Guam,

¹ For an explanation of the relationship between E-1, STM-1 and 64 Kbps equivalent circuits, see the footnotes to Table 7.

Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Atoll, Navassa Island, the Northern Mariana Islands, Palmyra Atoll, the U.S. Virgin Islands, and Wake Island.

The *International Points Report* uses the following regional codes:

<i>Region</i>	<i>Code</i>
Western Europe	1
Africa	2
Middle East	3
Caribbean	4
North and Central America	5
South America	6
Asia	7
Oceania	8
Eastern Europe	9
International Water Area	10

The reporting services are: International Message Telephone Service (IMTS) (switched voice), International Private Line Service (IPLS) (including voice and data) and Miscellaneous or Other International Services (primarily video).

Data Presentation

Table 1 lists 143 carriers that filed circuit status reports, a 54% increase from 1997's 93 filing entities. Only 71 carriers, however, filed with active or idle capacity. Among the filings, the three largest carriers - AT&T, MCI WorldCom, Inc. and Sprint Communications Company L.P. - have requested confidentiality under the Freedom of Information Act. There are a few smaller carriers that also requested confidentiality. As denoted in Table 1, these carriers' reports are not available to the public. Our aggregated data as listed in this report, however, reflect all of the carriers' information, including information by those carriers asking for confidential treatment. The table also identifies those carriers that did not have active or idle capacity in 1998.

For each transmission facility, we have presented the four years of available data (1995 through 1998). Table 2 presents undersea cable circuit status; Table 3, Satellite; Table 4, Terrestrial;² and Table 5, the combined transmission circuits. All tables include information by service type for 1995, 1996, 1997, and 1998 data.

In Table 2, the undersea cable circuits account for 54% of the overall active transmission capacity in 1998, an increase of 9% from 1997.³ In Table 3, the international satellite circuits account for 8% of overall transmission capacity, compared to 11% in 1997. In Table 4, the terrestrial links account for 38% of 1998 active circuit capacity, a decrease of 6% from 1997.

Table 5 combines all three transmission media. A service mix by region from 1995 to 1998 is calculated in the last page of Table 5. For 1998, IMTS circuits accounted for 44% of the total active capacity. This figure represents a continued drop in capacity use for IMTS, from 80% in 1995, 57% in 1996, and 53% in 1997. In fact, IMTS active circuits only increased by 12% from 1997 to 1998. In contrast, the data show the continuing trend of heavy and increasing use for private line service. There are six regions - Western Europe, Middle East, South America, Asia, Oceania, and Other (International water area) in which the number of activated private line circuits exceeded the number of IMTS circuits. The growth rate of private line circuits was 63% from 1997 to 1998, as compared with an increase of 49% from 1996 to 1997 (due to a carrier reporting error, our previous report showed a higher growth rate of 79% for 1997).

Table 6 lists the top 30 destinations that account for 91% of the total U.S.-activated circuits at year-end 1998. Again, Canada, the United Kingdom, Mexico, Japan, and Germany are the top five countries. The United Kingdom replaced Mexico as the second among the top five countries. Previous years' top 30 ranking orders are also presented in the table for comparison. Chile and Portugal are new among the top 30 destinations in 1998, replacing India and Maritime – Atlantic. Approximately half of the top 30 destinations experienced heavier capacity use on private lines than on IMTS in 1998. The ratio of IMTS to private line services has decreased from 4.3 in 1995, to 1.4 in 1996, to 1.2 in 1997, and to 0.8 in 1998. The ratio of IMTS to private line services for the top 30 destinations, as well as for each region, are also listed in Table 6.

Supplementary Data

Table 7 lists all operational trans-oceanic fiber optic cables in 64 Kbps units, and planned new cables before the Commission (both granted and pending cable applications) over time, from 1988 to 2001. In addition to the capacity listed, a new column, the reported construction cost of each cable, is included in Table 7 for further reference. In 1998, the combined cable capacity (activated and idle circuits) reported by U.S. carriers for the Trans-Atlantic region was 322,944 64 Kbps circuits (Regions 1, 2, 3 and 9); this

² Terrestrial circuits include circuits carried by both microwave facilities and by terrestrial cables. Terrestrial circuits do not include circuits carried by undersea cables.

³ Due to a revision filed by one carrier on circuits to Canada, which accounted for 31,000 circuits switching from active private line circuits to idle circuits, all three transmission mix numbers for 1997 have been recalculated and changed accordingly.

accounts for 43.9% of the total available fiber optic cable capacity (as of December 31, 1998). For the Americas region (Regions 4, 5 and 6), U.S. carriers reported cable capacity accounting for 17% of the total available fiber optic cable capacity. For the Trans-Pacific region, the reported cable capacity accounts for 44% of the total available fiber optic cable capacity, as of December 31, 1998.⁴ We have also listed future cables in Table 7 for further reference.

⁴ The relatively low percentage of reported capacity for the Americas region in 1998 is attributed to the addition of the new Pan American Cable system in late 1998. There are two main reasons why the amount of cable capacity reported by the carriers is not equal to the total available capacity for a particular cable system. First, on average 20-25% of the capacity of any particular cable system is owned by foreign carriers who are not required to report this capacity under Section 43.82 unless they use their capacity for the provision of U.S. international service. Second, because carriers report capacity on a route-specific basis, there can be a time delay between the time a carrier buys capacity, particularly on a newly deployed cable, and when it reports that capacity for service to a particular country. For example, a carrier may buy capacity on TAT-12/13 but may not know for six months whether it will use that capacity for U.S.-U.K. or U.S.-France traffic. This time delay results in a delay in the reporting of approximately 30-40% of the capacity in the newer cable systems. Thus, on average, these two factors could result in approximately 50-65% of the capacity of the newer cable systems (*i.e.* TAT-12/13, Gemini, TPC-5, Antillas I, and BAHAMAS II) not being reported in time for the release of the 1997 report. In 1998, for example in the Americas region, without Pan American cable capacity, the reported capacity would have accounted for 46% of total available capacity. Overall, as of December 31, 1998, an overall 41% of the available cable capacity had been reported.

**TABLE 1
INTERNATIONAL CARRIERS FILED 43.82 CIRCUIT STATUS DATA
AS OF DECEMBER 31, 1998**

No.	Note	Company
1	1, 2	ABS-CBN Telecom, North America, Inc.
2	2	Access Telecom
3	2,3	Affinity Network, Inc.
4	2.3	Alanna, Inc.
5	1, 2	Allegiance Telecom International, Inc.
6	1, 2	Am Telecom , LLC
7	3	American Long Lines, Inc.
8		American TeleSource International, Inc.
9		Americtel Corp
10		Ameritech communications, Inc.
11	2,3	AmeriVision Communications, Inc.
12	2	Andrew Telecom Inc.
13	2	Asem Corporation
14	1	AT&T
15	3	Bandwidth Solutions International LLC
16		Bell Atlantic Communications, Inc.
17	2,3	BellSouth Long distance, Inc.
18	2	BESTEL USA Inc.
19	3	BrightStar Communications, Inc.
20		Cable & Wireless Inc.
21	2,3	COLT Telecommunications
22	2,3	Communication Buying Group, Inc.
23		Communication TeleSystems International
24		COMSAT Government Systems, Inc.
25	2,3	Connecticut Telephone and Communications Services
26	2,3	Corporate Services Telcom, Inc.
27	2,3	CTC Communications of Virginia, Inc.
28	1	Destia Communications Services, Inc. (ex Econophone)
29	2,3	D.D.D. Calling, Inc.
30		DIRECTNET Telecom
31	2,3	Empire One Telecommunications, Inc.
32	2,3	EqualNet Corporation
33	2,3	Ernest Communications, Inc.
34	2,3	Esat Telecommunications U.K. Limited
35		Esprit Telecom UK Ltd
36		Facicom International
37	2,3	Fax Net Corporation
38	2	FedEx International Transmission Corporation
39	3	Firstel
40	2,3	Fort Bend Long distance, Inc.
41	2,3	FoxTel, Inc.
42	2	Frontier Communications Services, Inc.
43	2,3	Fusion Telecommunications International
44		GE American Communications, Inc.
45	2,3	Geo Communications, Inc.
46		Geocomm Corporation
47	3	Global Telephone Corporation
48	3	Globalstar International, Inc.
49	3	GST Telecom, Inc
50		GTE Hawaiian Tel
51		GTE Pacific Inc.
52		GTE Telecom, Inc.
53		Harris Corporation
54	2,3	ICG ChoiceCom, L.P.
55	2,3	ICG Telecom Group, Inc.

**TABLE 1
INTERNATIONAL CARRIERS FILED 43.82 CIRCUIT STATUS DATA
AS OF DECEMBER 31, 1998**

No.	Note	Company
56		IDC America, Inc.
57	3	IDS Long Distance, Inc.
58		Impasat U.S.A., Inc.
59	2,3	Interactive Services Network, Inc.
60		International Telecommunications, Inc.
61		International Telecommunications, Systems, Inc.
62	2	Iridium U.S. L.P.
63		IT&E
64		IXC Long distance, Inc.
65	1	International Exchange Networks, Ltd. (iXnet)
66	2	Japan Telecom America, Inc.
67	2,3	Korea Telecom America, Inc.
68	2	KPN International Network Services, Inc.
69	2, 3	Legacy Long distance International
70	2	Level 3 Communicaitons, LLC
71		Local Communications Network, Inc.
72	1	Long Distance International Inc. (LDI)
73	2,3	Mannesmann Telecommunications USA, Inc.
74	2	Masatepe Communications, U.S.A., L.L.C.
75	1	MCI WorldCom, Inc.
76	2,3	Megsinet - CLEC, Inc.
77		Melbourne International Communitions Ltd.
78		Mobile Satellite Communications, Inc.
79	2,3	Motorola Worldwide Information Network Services, Inc.
80	3	NET-tel Corporation
81	2, 3	Network Communications International Corp.
82	2	New Global Telecom, Inc. (NGT)
83	2, 3	New Media Telecommunications, Inc.
84	2, 3	NOS communicaitons, Inc.
85	2, 3	NOSVA Limited Partnership
86	3	NTS Communications
87	1, 2	Ntta.com, Inc
88	3	NYNEX Long Distance Company
89		Pacific Gateway Exchange Inc.
90	3	Pac-West Telecomm, Inc.
91		PanAmSat Carrier Services, Inc.
92	3	PanAmSat Communications Carrier Services, Inc.
93	2, 3	Paradigm Communications Corporation
94	3	Partner Communications Group, LLC
95	2	Prime TEC International
96		Primus Telecommunications, Inc.
97	2, 3	Progress International, L.L.C.
98		PSINetworks Company
99		QWEST Communications Corporation
100	2, 3	RRV Enterprises, Inc.
101		RSL COM U.S.A., Inc.
102		Satellite Communication Systems, Inc.
103	3	Southwestern Bell Communicaitons Services, Inc.
104	1	Sprint
105	1	STAR Telecommunications, Inc.
106		STARTEC Inc.
107	1, 2	Swisscom North America, Inc.
108	2, 3	TCI Wireless, Inc.
109	1, 2	Tele Danmark USA, Inc.
110	2, 3	TeleBermuda International Limited

**TABLE 1
INTERNATIONAL CARRIERS FILED 43.82 CIRCUIT STATUS DATA
AS OF DECEMBER 31, 1998**

No.	Note	Company
111	2, 3	Telecoin Guest Entertainment Co.
112		Telecom New Zealand Limited
113		Telecomunicaciones Ultramarinas de P.R.
114		Telefonica Larga Distancia, Inc.
115	1	Teleglobe USA Inc.
116		Telegroup
117	2, 3	TeleKey, LLC
118	2, 3	Telephone Company of Central Florida, Inc.
119		Telia North America, Inc.
120	3	Teligent License Company II, L.L.C.
121	2, 3	Tel-Save, Inc.
122	2, 3	Telmatch Telecommunications, Inc.
123	1	TerraLink, Communications, Ltd.
124	1, 2	Texas 7054
125	2, 3	The Other Phone Company, Inc(dba Access One Comm.).
126	3	Touch 1 Communications, Inc. (pure reseller)
127		TRICOM USA, Inc.
128	2	Unisource Carrier Services AG (UCS)
129	3	Unisource USA
130	2, 3	United States Advanced Network, Inc.
131	2, 3	Universal Telecom
132	2	URSUS Inc.
133		USA Global Link, Inc.
134	3	US Asia Telecom LLC
135	2, 3	USC Telecom, Inc.
136	2, 3	U.S. Osiris Corporation
137	2, 3	U.S. WEST Long Distance, Inc.
138	2, 3	VDC Telecommunications, Inc.
139	2, 3	VIAG INTERKOM GmbH & Co.
140		Viatel Inc.
141	2, 3	Voice & Data Communications (Hong Kong) Limited
142		World Access Telecommunications Group
143	2, 3	Z-Tel Communications, Inc.

Note:

- 1 = Confidential treatment
- 2 = New carriers filed 43.82 in 1998
- 3 = No active or idle circuit in 1998

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
1	Andorra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Austria	272	122	1	395	319	240	134	2	376	297	239	63	1	303	300	210	26	1	237	293
1	Belgium	1,206	886	1	2,093	226	1,350	809	1	2,160	721	808	587	1	1,396	970	678	226	1	905	1,025
1	Cyprus	53	18	0	71	33	98	86	0	184	40	98	19	0	117	32	58	7	0	65	69
1	Denmark	586	160	1	747	566	517	94	1	612	243	481	73	1	555	224	405	27	1	433	177
1	Finland	276	202	1	479	210	326	133	1	460	182	357	76	1	434	238	256	94	1	351	151
1	France	4,080	2,582	31	6,693	5,118	2,833	3,313	156	6,302	5,531	2,510	2,828	13	5,351	4,106	1,838	764	13	2,615	4,329
1	Germany	5,595	7,107	33	12,735	11,377	5,120	7,724	65	12,909	8,553	3,835	4,604	10	8,449	7,070	2,316	1,206	10	3,532	6,621
1	Gibraltar	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0	29	0	0	29	1
1	Greece	165	9	0	174	37	254	95	0	349	43	210	68	0	278	145	134	8	0	142	13
1	Greenland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Iceland	50	11	0	61	0	93	25	0	118	6	108	18	0	126	18	104	0	0	104	0
1	Ireland	1,139	850	24	2,013	1,024	1,347	620	24	1,991	853	1,199	462	0	1,661	937	834	216	0	1,050	2,225
1	Italy	2,054	785	1	2,840	314	1,550	783	1	2,334	1,345	1,651	602	1	2,254	1,221	1,391	142	1	1,534	1,901
1	Liechtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Luxembourg	135	42	1	178	107	136	39	1	176	98	134	8	1	143	103	120	6	1	127	83
1	Malta	8	8	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Netherlands	2,087	6,086	9	8,182	15,115	1,179	2,028	23	3,230	3,006	1,073	1,903	9	2,985	1,691	1,134	665	9	1,808	2,212
1	Norway	472	60	1	533	98	483	86	1	570	358	454	74	1	529	73	284	11	1	296	350
1	Portugal	428	1,410	1	1,839	68	429	319	1	749	37	380	90	1	471	104	326	46	1	373	242
1	Spain	1,932	1,044	2	2,978	1,894	1,706	976	3	2,685	1,705	1,167	184	2	1,353	2,051	1,078	57	1	1,136	3,924
1	Sweden	2,613	9,417	127	12,157	2,054	976	3,468	127	4,571	1,805	766	1,375	1	2,142	1,123	579	19	1	599	2,568
1	Switzerland	2,251	1,573	1	3,825	2,291	1,237	1,109	1	2,347	1,923	863	689	1	1,553	1,520	778	377	1	1,156	1,628
1	Turkey	150	44	0	194	292	228	115	0	343	288	173	65	0	238	307	115	34	0	149	215
1	United Kingdom	25,444	75,617	2,978	104,039	110,025	18,189	23,057	291	41,537	22,514	12,811	18,933	290	32,034	11,060	8,041	6,335	576	14,952	27,638
2	Algeria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Benin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Botswana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Burkina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Burundi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Canary Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cape Verde	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Central African Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Congo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cote d'Ivoire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Djibouti	15	0	0	15	15	15	0	0	15	15	15	0	0	15	15	0	0	0	0	0
2	Egypt	75	182	0	257	35	45	70	0	115	45	30	33	0	63	58	30	0	0	30	0
2	Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ethiopia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Gabon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Gambia, The	0	0	0	0	0	0	0	0	0	0	30	0	0	30	0	0	0	0	0	0
2	Ghana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Guinea-Bissau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kenya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Lesotho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Liberia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0
2	Libya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Madagascar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Malawi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Mali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Mauritania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
2	Mauritius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Morocco	59	5	0	64	0	59	3	0	62	0	59	3	0	62	0	61	0	0	61	8
2	Mozambique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Namibia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Niger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Nigeria	0	0	0	0	0	0	0	0	0	30	0	0	30	0	0	0	0	0	0	0
2	Reunion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rwanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Saint Helena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sao Tome and Principe	52	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Senegal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sierra Leone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	South Africa	239	338	0	577	229	239	284	0	523	171	180	177	0	357	200	130	44	0	174	145
2	Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Tanzania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Togo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Tunisia	45	1	0	46	0	48	17	0	65	0	48	9	0	57	7	3	9	0	12	0
2	Uganda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Western Sahara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zaire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zimbabwe	0	0	0	0	0	0	0	0	0	11	4	0	15	0	0	0	0	0	0	0
3	Bahrain	0	0	0	0	30	0	0	0	0	19	12	0	31	7	0	0	0	0	0	0
3	Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Iraq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Israel	749	1,054	120	1,923	469	700	590	1	1,291	254	590	272	1	863	262	456	72	0	528	103
3	Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Kuwait	0	0	0	0	0	0	0	0	0	60	31	0	91	0	0	0	0	0	0	0
3	Lebanon	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	0	0	2	0
3	Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Saudi Arabia	149	0	0	149	180	179	0	0	179	90	150	0	0	150	150	90	0	0	90	0
3	Syria	56	2	0	58	0	86	6	0	92	0	30	0	0	30	0	30	0	0	30	0
3	United Arab Emirates	55	5	0	60	30	0	0	0	0	30	0	0	0	0	30	0	0	0	0	0
3	Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Anguilla	6	0	0	6	0	4	0	0	4	0	4	0	0	4	0	19	1	0	20	24
4	Antigua and Barbuda	224	5	0	229	24	214	36	0	250	6	162	36	0	198	55	164	2	0	166	55
4	Aruba	58	0	0	58	62	30	0	0	30	0	22	0	0	22	68	22	0	0	22	180
4	Bahamas, The	1,083	91	1	1,175	85	858	17	0	875	117	460	4	0	464	31	460	23	0	483	21
4	Barbados	167	68	0	235	120	180	55	0	235	70	149	46	0	195	28	147	19	0	166	235
4	Bermuda	529	196	1	726	219	551	209	1	761	252	353	168	1	522	108	345	165	0	510	147
4	Cayman Islands	0	6	0	6	90	0	0	0	0	0	0	8	0	8	0	0	13	0	13	0
4	Cuba	141	2	0	143	0	141	0	0	141	0	141	2	0	143	0	141	2	0	143	0
4	Dominica	74	0	0	74	0	182	0	0	182	0	17	0	0	17	0	23	0	0	23	38
4	Dominican Republic	1,809	319	0	2,128	945	1,353	158	0	1,511	811	571	143	0	714	162	787	84	0	871	605
4	French Overseas Departments	30	0	0	30	0	25	5	0	30	0	25	1	0	26	4	0	0	0	0	0
4	Grenada	88	11	0	99	0	90	6	0	96	0	65	3	0	68	60	70	0	0	70	30
4	Guadeloupe	33	0	0	33	0	63	0	0	63	0	60	1	0	61	0	60	0	0	60	0
4	Haiti	60	1	0	61	120	60	0	0	60	120	60	0	0	60	120	90	0	0	90	129
4	Jamaica	392	52	1	445	33	209	18	1	228	169	240	22	1	263	30	240	33	0	273	75
4	Montserrat	42	0	0	42	0	62	0	0	62	0	33	0	0	33	20	78	0	0	78	20
4	Navassa Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Netherlands Antilles	210	1	0	211	60	210	1	0	211	240	128	0	0	128	296	223	1	0	224	19

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
4	Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Saint Kitts and Nevis	70	0	0	70	0	90	0	0	90	0	50	0	0	50	0	137	0	0	137	
4	Saint Lucia	98	8	0	106	32	120	8	0	128	2	98	0	0	98	1	55	0	0	55	
4	Saint Vincent and the Grenadines	7	0	0	7	0	30	0	0	30	0	24	0	0	24	0	25	0	0	25	
4	Trinidad and Tobago	534	77	0	611	312	564	25	0	589	308	385	24	0	409	462	250	9	0	259	
4	Turks and Caicos Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	U.S. Virgin Islands	1,410	342	0	1,752	785	1,380	198	0	1,578	911	1,380	133	0	1,513	689	1,618	30	0	1,648	
4	Virgin Islands, British	180	57	0	237	2,593	300	28	0	328	82	254	32	0	286	69	305	10	0	315	
5	Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Belize	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	11	1	0	12	
5	Canada	196	24	0	220	30	74	0	0	74	196	76	0	0	76	94	128	0	0	128	
5	Costa Rica	45	59	0	104	75	45	21	0	66	0	0	0	0	0	0	0	0	0	90	
5	El Salvador	154	31	0	185	386	90	24	0	114	520	0	0	0	510	120	0	0	120	660	
5	Guatemala	30	115	0	145	2	0	34	0	34	35	0	0	0	0	30	0	0	0	30	
5	Honduras	181	15	0	196	422	60	30	0	90	481	0	30	0	30	540	0	0	0	540	
5	Mexico	478	0	0	478	32	358	0	0	358	32	54	0	0	54	96	24	0	0	24	
5	Nicaragua	29	2	0	31	90	0	0	0	0	90	0	0	0	0	0	0	0	0	90	
5	Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0	144	
5	Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	United States (conterminous)	109	252	78	439	207	114	153	36	303	168	82	30	18	130	220	65	30	15	110	
6	Argentina	465	750	1	1,216	641	487	501	1	989	491	434	121	1	556	587	239	0	0	239	
6	Bolivia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Brazil	1,598	2,816	9	4,423	1,151	1,326	1,902	1	3,229	941	1,266	852	1	2,119	748	1,152	112	0	1,264	
6	Chile	152	155	0	307	730	30	43	0	73	170	30	0	0	30	660	0	0	0	2	
6	Colombia	930	440	1	1,371	428	899	290	1	1,190	344	969	196	1	1,166	424	817	97	0	914	
6	Ecuador	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	12	
6	French Guiana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Guyana	0	0	0	0	120	0	0	0	0	120	0	0	0	0	120	0	0	0	294	
6	Paraguay	30	0	0	30	0	30	0	0	30	0	0	0	0	0	0	0	0	0	183	
6	Peru	0	0	0	0	360	0	0	0	0	30	0	0	0	0	30	0	0	0	11	
6	Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Uruguay	61	71	0	132	120	29	66	0	95	121	0	0	0	150	30	30	0	0	318	
6	Venezuela	1,701	1,076	1	2,778	1,571	1,462	796	1	2,259	1,475	1,247	464	1	1,712	1,538	1,065	136	0	1,201	
7	Afghanistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Bangladesh	113	0	0	113	61	109	0	0	109	31	125	0	0	125	30	30	0	0	21	
7	Bhutan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Brunei	22	0	0	22	0	22	0	0	22	0	0	0	0	0	11	11	0	0	11	
7	Burma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Cambodia	0	0	0	0	0	0	0	0	0	0	8	0	0	8	22	0	0	0	0	
7	Chagos Archipelago	31	0	0	31	0	31	0	0	31	0	31	0	0	31	0	0	0	0	0	
7	China	973	492	4	1,469	37,330	839	174	0	1,013	1,046	642	102	0	744	609	401	8	0	409	
7	French Southern and Antarctic Lands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Hong Kong	1,036	4,672	40	5,748	3,647	957	3,043	41	4,041	1,851	671	1,901	9	2,581	836	537	832	37	1,406	
7	India	693	285	0	978	267	951	502	0	1,453	131	923	118	0	1,041	93	588	20	0	608	
7	Indonesia	568	262	0	830	305	446	293	0	739	136	208	175	0	383	38	123	17	0	140	
7	Japan	6,968	12,210	869	20,047	28,169	6,476	9,800	27	16,303	17,262	5,317	7,454	15	12,786	17,674	4,382	2,021	32	6,435	
7	Kampuchea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Korea, North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Korea, South	1,992	3,914	5	5,911	5,341	1,941	3,605	2	5,548	3,885	1,062	1,316	1	2,379	3,901	817	288	0	1,105	
7	Laos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Macau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Malaysia	556	1,321	1	1,878	182	428	897	1	1,326	1,698	308	259	1	568	224	127	101	0	228	
7	Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Mongolia	9	0	0	9	0	9	0	0	9	0	9	0	0	9	0	9	0	0	9	
7	Nepal	10	0	0	10	20	30	0	0	30	0	30	0	0	30	0	24	0	0	24	
7	Pakistan	0	1	0	1	0	0	0	0	0	0	30	2	0	32	0	0	0	0	0	

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
7	Philippines	3,106	1,437	3	4,546	1,954	2,787	826	3	3,616	1,599	1,873	390	2	2,265	1,688	1,657	144	3	1,804	1,807
7	Singapore	682	1,899	3	2,584	1,975	490	1,556	2	2,048	576	411	1,036	2	1,449	528	147	449	1	597	598
7	Sri Lanka	100	32	0	132	31	110	8	0	118	31	113	5	0	118	34	60	4	0	64	62
7	Taiwan	1,270	1,908	26	3,204	4,897	1,507	992	2	2,501	907	1,241	582	2	1,825	1,186	905	152	1	1,058	1,030
7	Thailand	362	517	0	879	317	274	325	0	599	135	124	132	0	256	83	119	21	0	140	140
7	Vietnam	479	55	0	534	51	478	30	0	508	1,651	206	4	0	210	30	0	1	0	1	120
8	American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Australia	3,404	5,252	163	8,819	5,248	4,053	4,138	10	8,201	1,022	2,100	2,306	10	4,416	1,770	2,108	757	9	2,874	1,029
8	Baker Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Fiji	16	0	0	16	0	20	0	0	20	0	20	0	0	20	0	18	0	0	18	2
8	French Polynesia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Guam	318	907	0	1,225	753	351	744	0	1,095	659	272	261	0	533	396	315	24	0	339	252
8	Hawaii	9	80	0	89	60	62	36	2	100	2	9	124	0	133	109	8	52	0	60	0
8	Howland Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Jarvis Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Johnston Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kingman Reef	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kiribati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Marshall Islands	7	0	0	7	0	0	0	0	0	0	0	2	0	2	0	16	0	0	16	0
8	Micronesia, Federated States of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Midway Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nauru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	New Caledonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	New Zealand	725	360	2	1,087	254	624	377	2	1,003	59	390	372	2	764	239	374	38	1	413	236
8	Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Norfolk Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Northern Mariana Islands	78	36	41	155	31	48	32	16	96	30	0	0	0	0	0	0	0	0	0	0
8	Pacific Islands (Palau)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Palmyra Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Papua New Guinea	15	0	0	15	0	8	0	0	8	0	8	0	0	8	0	9	0	0	9	0
8	Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wake Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wallis and Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Western Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Albania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0
9	Armenia	0	0	0	0	0	44	2	0	46	0	0	0	0	0	0	0	0	0	0	0
9	Azerbaijan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Belarus	38	0	0	38	0	24	0	0	24	0	8	0	0	8	0	54	0	0	54	0
9	Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bulgaria	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
9	Croatia	128	155	0	283	0	122	155	0	277	56	98	33	0	131	0	194	2	0	196	0
9	Czech Republic	197	7	0	204	93	105	8	0	113	146	158	8	0	166	86	149	2	0	151	149
9	Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Hungary	141	37	0	178	127	112	31	0	143	102	60	27	0	87	139	60	0	0	60	120
9	Kazakhstan	38	0	0	38	30	38	0	0	38	30	38	0	0	38	30	70	0	0	70	0
9	Kyrgyzstan	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0
9	Latvia	60	0	0	60	0	30	0	0	30	0	30	0	0	30	0	0	0	0	0	0
9	Lithuania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Moldova	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Poland	879	49	0	928	424	550	109	0	659	623	535	45	0	580	692	342	5	0	347	692
9	Romania	0	0	0	0	30	0	0	0	0	0	30	0	0	30	0	0	0	0	0	0

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
9	Russia	1,037	644	0	1,681	417	972	295	0	1,267	364	567	92	0	659	522	665	12	0	677	207
9	Serbia	91	31	0	122	99	92	31	0	123	99	30	4	0	34	135	38	0	0	38	15
9	Slovakia	98	8	0	106	0	98	8	0	106	0	68	8	0	76	30	30	0	0	30	30
9	Slovenia	60	0	0	60	0	60	62	0	122	0	60	31	0	91	0	60	0	0	60	0
9	Tajikistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ukraine	306	31	0	337	0	120	0	0	120	150	30	0	0	30	0	0	2	0	2	0
9	Uzbekistan	30	0	0	30	0	38	0	0	38	22	8	0	0	8	22	8	0	0	8	0
10	Antarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Atlantic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - other oceans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	60	0
10	Maritime - Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total for all International Points	92,599	153,264	4,583	250,446	256,114	76,909	78,686	850	156,445	92,758	57,319	52,369	403	110,091	73,162	44,985	16,113	718	61,816	95,213
	Activated Circuits %				49.4%					62.8%					60.1%					39.4%	
	Idle Circuits %									37.2%					39.9%					60.6%	
	Service Mix	37.0%	61.2%	1.8%	100.0%		49.2%	50.3%	0.5%	100.0%		52.1%	47.6%	0.4%	100.0%		72.8%	26.1%	1.2%	100.0%	
	Regional Total																				
1	Western Europe	51,026	108,033	3,213	162,272	151,168	38,321	45,013	699	84,033	49,548	29,347	32,721	334	62,402	33,293	20,708	10,266	619	31,593	55,665
2	Africa	485	526	0	1,011	279	406	374	0	780	231	403	226	0	629	280	231	53	0	284	153
3	Middle East	1,009	1,061	120	2,190	709	965	596	1	1,562	374	849	316	1	1,166	451	576	74	0	650	103
4	Caribbean	7,245	1,236	3	8,484	5,480	6,716	764	2	7,482	3,088	4,681	623	2	5,306	2,203	5,259	392	0	5,651	2,555
5	North and Central America	1,222	498	78	1,798	1,244	752	262	36	1,050	1,522	212	60	18	290	1,520	348	31	15	394	1,856
6	South America	4,937	5,308	12	10,257	5,121	4,263	3,598	4	7,865	3,692	3,946	1,633	4	5,583	4,258	3,303	345	0	3,648	5,838
7	Asia	18,970	29,005	951	48,926	84,547	17,885	22,051	78	40,014	30,939	13,332	13,476	32	26,840	26,987	9,937	4,058	74	14,069	26,311
8	Oceania	4,547	6,631	187	11,365	6,346	5,166	5,327	30	10,523	1,772	2,799	3,065	12	5,876	2,514	2,848	871	10	3,729	1,519
9	Eastern Europe	3,133	962	0	4,095	1,220	2,435	701	0	3,136	1,592	1,750	249	0	1,999	1,656	1,715	23	0	1,738	1,213
10	Other Regions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	60	0
14	Total for all International Points	92,599	153,264	4,583	250,446	256,114	76,909	78,686	850	156,445	92,758	57,319	52,369	403	110,091	73,162	44,985	16,113	718	61,816	95,213
	Regional % as of Total																				
1	Western Europe	55.1%	70.5%	70.1%	64.8%	59.0%	49.8%	57.2%	82.2%	53.7%	53.4%	51.2%	62.5%	82.9%	56.7%	45.5%	46.0%	63.7%	86.2%	51.1%	58.5%
2	Africa	0.5%	0.3%	0.0%	0.4%	0.1%	0.5%	0.5%	0.0%	0.5%	0.2%	0.7%	0.4%	0.0%	0.6%	0.4%	0.5%	0.3%	0.0%	0.5%	0.2%
3	Middle East	1.1%	0.7%	2.6%	0.9%	0.3%	1.3%	0.8%	0.1%	1.0%	0.4%	1.5%	0.6%	0.2%	1.1%	0.6%	1.3%	0.5%	0.0%	1.1%	0.1%
4	Caribbean	7.8%	0.8%	0.1%	3.4%	2.1%	8.7%	1.0%	0.2%	4.8%	3.3%	8.2%	1.2%	0.5%	4.8%	3.0%	11.7%	2.4%	0.0%	9.1%	2.7%
5	North and Central America	1.3%	0.3%	1.7%	0.7%	0.5%	1.0%	0.3%	4.2%	0.7%	1.6%	0.4%	0.1%	4.5%	0.3%	2.1%	0.8%	0.2%	2.1%	0.6%	1.9%
6	South America	5.3%	3.5%	0.3%	4.1%	2.0%	5.5%	4.6%	0.5%	5.0%	4.0%	6.9%	3.1%	1.0%	5.1%	5.8%	7.3%	2.1%	0.0%	5.9%	6.1%
7	Asia	20.5%	18.9%	20.8%	19.5%	33.0%	23.3%	28.0%	9.2%	25.6%	33.4%	23.3%	25.7%	7.9%	24.4%	36.9%	22.1%	25.2%	10.3%	22.8%	27.6%
8	Oceania	4.9%	4.3%	4.1%	4.5%	2.5%	6.7%	6.8%	3.5%	6.7%	1.9%	4.9%	5.9%	3.0%	5.3%	3.4%	6.3%	5.4%	1.4%	6.0%	1.6%
9	Eastern Europe	3.4%	0.6%	0.0%	1.6%	0.5%	3.2%	0.9%	0.0%	2.0%	1.7%	3.1%	0.5%	0.0%	1.8%	2.3%	3.8%	0.1%	0.0%	2.8%	1.3%
10	Other Regions	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
23	Total for all International Points	100.0%	100.0%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

TABLE 2 - Cable Circuit Status 1995-1998

Reg Code	Country	1998 Cable					1997 Cable					1996 Cable					1995 Cable				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Cable Active Ckts	Cable Idle Ckts
	Service Mix By Region																				
1	Western Europe	31.4%	66.6%	2.0%	100.0%		45.6%	53.6%	0.8%	100.0%		47.0%	52.4%	0.5%	100.0%		65.5%	32.5%	2.0%	100.0%	
2	Africa	48.0%	52.0%	0.0%	100.0%		52.1%	47.9%	0.0%	100.0%		64.1%	35.9%	0.0%	100.0%		81.3%	18.7%	0.0%	100.0%	
3	Middle East	46.1%	48.4%	5.5%	100.0%		61.8%	38.2%	0.1%	100.0%		72.8%	27.1%	0.1%	100.0%		88.6%	11.4%	0.0%	100.0%	
4	Caribbean	85.4%	14.6%	0.0%	100.0%		89.8%	10.2%	0.0%	100.0%		88.2%	11.7%	0.0%	100.0%		93.1%	6.9%	0.0%	100.0%	
5	North and Central America	68.0%	27.7%	4.3%	100.0%		71.6%	25.0%	3.4%	100.0%		73.1%	20.7%	6.2%	100.0%		88.3%	7.9%	3.8%	100.0%	
6	South America	48.1%	51.8%	0.1%	100.0%		54.2%	45.7%	0.1%	100.0%		70.7%	29.2%	0.1%	100.0%		90.5%	9.5%	0.0%	100.0%	
7	Asia	38.8%	59.3%	1.9%	100.0%		44.7%	55.1%	0.2%	100.0%		49.7%	50.2%	0.1%	100.0%		70.6%	28.8%	0.5%	100.0%	
8	Oceania	40.0%	58.3%	1.6%	100.0%		49.1%	50.6%	0.3%	100.0%		47.6%	52.2%	0.2%	100.0%		76.4%	23.4%	0.3%	100.0%	
9	Eastern Europe	76.5%	23.5%	0.0%	100.0%		77.6%	22.4%	0.0%	100.0%		87.5%	12.5%	0.0%	100.0%		98.7%	1.3%	0.0%	100.0%	
10	Other Regions	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		100.0%	0.0%	0.0%	100.0%	
23	Total for all International Points	37.0%	61.2%	1.8%	100.0%		49.2%	50.3%	0.5%	100.0%		52.1%	47.6%	0.4%	100.0%		72.8%	26.1%	1.2%	100.0%	
	Transmission Mix (% of total)				54%					45%					43%					38%	
	Regional Growth Rate by Service																				
1	Western Europe	33.2%	140.0%	360%	93.1%	205.1%	31%	38%	109%	35%	49%	42%	219%	-46%	98%	-40%					
2	Africa	19.5%	40.6%	0%	29.6%	20.8%	1%	65%	0%	24%	-18%	74%	326%	0%	121%	83%					
3	Middle East	4.6%	78.0%	11900%	40.2%	89.6%	14%	89%	0%	34%	-17%	47%	327%	0%	79%	338%					
4	Caribbean	7.9%	61.8%	50%	13.4%	77.5%	43%	23%	0%	41%	40%	-11%	59%	0%	-6%	-14%					
5	North and Central America	62.5%	90.1%	117%	71.2%	-18.3%	255%	337%	100%	262%	0%	-39%	94%	20%	-26%	-18%					
6	South America	15.8%	47.5%	200%	30.4%	38.7%	8%	120%	0%	41%	-13%	19%	373%	0%	53%	-27%					
7	Asia	6.1%	31.5%	1119%	22.3%	173.3%	34%	64%	144%	49%	15%	34%	232%	-57%	91%	3%					
8	Oceania	-12.0%	24.5%	523%	8.0%	258.1%	85%	74%	150%	79%	-30%	-2%	252%	20%	58%	66%					
9	Eastern Europe	28.7%	37.2%	0%	30.6%	-23.4%	39%	182%	0%	57%	-4%	2%	983%	0%	15%	37%					
10	Other Regions	0.0%	0.0%	0%	0.0%	0.0%	0%	0%	0%	0%	0%	-100%	0%	0%	-100%	0%					
23	Total for all International Points	20.4%	94.8%	439%	60.1%	176.1%	34%	50%	111%	42%	27%	27%	225%	-44%	78%	-23%					

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
1	Andorra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Austria	43	4	0	47	0	43	4	0	47	0	45	4	0	49	0	45	4	0	49	0
1	Belgium	0	43	0	43	0	0	0	43	43	0	90	0	43	133	0	180	0	0	180	1
1	Cyprus	0	8	0	8	0	0	0	0	0	0	0	0	0	0	132	9	0	141	5	
1	Denmark	0	43	0	43	0	30	0	43	73	0	30	0	43	73	0	30	0	0	30	1
1	Finland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	France	299	44	0	343	0	299	1	43	343	0	300	2	43	345	0	298	2	0	300	0
1	Germany	0	257	0	257	0	0	304	43	347	0	0	32	43	75	0	390	65	0	455	75
1	Gibraltar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Greece	120	43	0	163	0	150	31	43	224	0	120	38	43	201	8	180	17	1	198	0
1	Greenland	0	559	0	559	0	0	424	0	424	0	0	0	0	0	0	0	0	0	0	0
1	Iceland	23	99	0	122	0	34	157	0	191	0	15	1	0	16	0	15	1	0	16	0
1	Ireland	90	43	0	133	0	90	0	43	133	0	90	0	43	133	0	90	0	0	90	1
1	Italy	180	74	92	346	0	150	30	43	223	11	121	154	43	318	10	154	23	0	177	6
1	Liechtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Malta	27	0	0	27	0	27	0	0	27	0	42	0	0	42	0	28	0	0	28	0
1	Netherlands	0	43	0	43	0	0	0	43	43	0	0	0	43	43	0	90	1	0	91	31
1	Norway	0	43	0	43	0	30	0	43	73	0	30	0	43	73	0	59	0	0	59	0
1	Portugal	30	140	0	170	0	30	97	43	170	0	31	0	43	74	0	31	0	0	31	0
1	Spain	58	108	0	166	0	16	65	43	124	0	42	17	43	102	0	42	19	0	61	32
1	Sweden	60	43	0	103	0	60	0	43	103	0	60	0	43	103	0	105	0	0	105	0
1	Switzerland	0	0	0	0	0	0	2	0	2	0	89	27	0	116	0	149	27	0	176	0
1	Turkey	59	79	0	138	15	59	34	43	136	3	60	86	43	189	11	65	15	0	80	0
1	United Kingdom	0	211	0	211	0	8	151	43	202	0	338	60	43	441	0	489	110	630	1,229	24
2	Algeria	15	43	0	58	0	39	4	43	86	0	15	0	43	58	0	33	1	0	34	0
2	Angola	8	23	0	31	2	13	31	0	44	6	8	10	0	18	2	12	17	0	29	0
2	Benin	31	3	0	34	0	26	3	0	29	0	19	1	0	20	0	19	0	0	19	0
2	Botswana	22	10	0	32	0	20	8	0	28	4	16	4	0	20	4	16	0	0	16	0
2	Burkina	14	0	0	14	0	20	0	0	20	0	14	0	0	14	0	14	1	0	15	0
2	Burundi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cameroon	55	5	0	60	0	60	11	0	71	0	46	5	0	51	13	45	2	1	48	0
2	Canary Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cape Verde	24	2	0	26	0	24	0	0	24	0	24	0	0	24	0	24	0	0	24	0
2	Central African Republic	4	0	0	4	0	8	1	0	9	0	8	1	0	9	0	0	1	0	1	0
2	Chad	6	2	0	8	0	6	3	0	9	0	6	1	0	7	2	0	1	0	1	0
2	Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Congo	58	5	0	63	0	46	6	0	52	0	23	6	0	29	0	29	4	0	33	0
2	Cote d'Ivoire	45	12	1	58	0	55	10	1	66	0	50	6	1	57	0	50	4	1	55	0
2	Djibouti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Egypt	203	85	1	289	3	170	53	3	226	2	173	23	3	199	2	205	4	1	210	0
2	Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ethiopia	110	8	0	118	2	110	4	0	114	6	155	4	1	160	6	103	0	2	105	0
2	Gabon	41	4	0	45	0	45	4	0	49	0	31	3	0	34	1	34	2	0	36	0
2	Gambia, The	61	0	0	61	0	24	0	0	24	0	46	0	0	46	0	16	0	0	16	0
2	Ghana	135	11	0	146	1	75	3	0	78	0	89	4	0	93	0	46	2	0	48	0
2	Guinea	89	4	0	93	0	90	4	0	94	0	35	2	0	37	0	8	25	0	33	0
2	Guinea-Bissau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kenya	75	12	0	87	1	75	9	0	84	1	75	6	1	82	0	118	7	1	126	2
2	Lesotho	8	0	0	8	0	8	0	0	8	0	21	0	0	21	0	13	0	0	13	0
2	Liberia	57	3	0	60	0	83	0	0	83	0	60	0	0	60	0	53	0	0	53	0
2	Libya	4	0	0	4	0	4	0	0	4	0	4	0	0	4	0	4	0	0	4	0
2	Madagascar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Malawi	46	8	0	54	0	46	3	0	49	0	43	1	0	44	0	24	0	0	24	0
2	Mali	46	0	0	46	0	46	0	0	46	0	34	0	0	34	0	28	0	0	28	0
2	Mauritania	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
2	Mauritius	18	28	0	46	0	11	13	0	24	15	8	6	0	14	2	8	0	0	8	0
2	Morocco	56	4	0	60	0	54	4	0	58	0	30	4	0	34	0	30	3	0	33	0
2	Mozambique	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	9	0	0	9	0
2	Namibia	8	2	0	10	0	8	4	0	12	0	8	0	0	8	0	8	0	0	8	0
2	Niger	10	0	0	10	0	10	0	0	10	0	10	0	1	11	0	10	0	1	11	0
2	Nigeria	294	34	0	328	0	232	3	0	235	0	178	6	1	185	0	232	9	1	242	0
2	Reunion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rwanda	28	2	0	30	0	30	3	0	33	0	30	1	0	31	0	2	2	0	2	0
2	Saint Helena	0	319	0	319	0	0	3	0	3	0	0	3	0	3	0	0	3	0	3	0
2	Sao Tome and Principe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Senegal	27	1	0	28	0	59	1	0	60	0	79	1	1	81	0	79	2	2	83	0
2	Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sierra Leone	27	4	0	31	0	27	4	0	31	0	27	4	0	31	0	16	1	0	17	0
2	Somalia	15	0	0	15	0	15	4	0	19	0	16	2	0	18	0	8	2	0	10	0
2	South Africa	193	321	0	514	31	184	138	0	322	25	202	75	1	278	13	129	39	1	169	23
2	Sudan	46	0	0	46	0	46	1	0	47	0	46	1	0	47	0	70	0	0	70	2
2	Swaziland	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0
2	Tanzania	31	1	0	32	0	31	4	0	35	0	45	3	0	48	0	18	2	0	20	0
2	Togo	16	4	0	20	0	23	0	0	23	0	8	0	0	8	0	18	0	0	18	0
2	Tunisia	46	43	0	89	0	42	0	43	85	0	42	0	43	85	0	44	0	0	44	0
2	Uganda	57	3	0	60	0	81	3	0	84	1	81	3	0	84	1	57	2	0	59	1
2	Western Sahara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zaire	105	7	0	112	0	135	7	0	142	0	98	4	0	102	0	60	23	0	83	0
2	Zambia	60	2	0	62	0	50	2	0	52	0	50	2	0	52	0	54	0	0	54	0
2	Zimbabwe	74	19	0	93	1	74	18	0	92	1	59	1	1	61	1	60	1	1	62	0
3	Bahrain	83	411	0	494	11	79	72	333	484	24	56	34	0	90	1	79	17	0	96	5
3	Iran	235	5	0	240	0	265	3	0	268	0	266	2	0	268	0	310	2	0	312	0
3	Iraq	102	2	0	104	0	102	3	0	105	0	84	0	0	84	0	134	0	0	134	0
3	Israel	269	189	0	458	29	382	253	0	635	12	270	213	0	483	31	220	79	1	300	52
3	Jordan	132	22	0	154	14	120	18	0	138	0	112	11	1	124	0	129	3	1	133	1
3	Kuwait	136	1,148	0	1,284	0	181	83	1,015	1,279	4	181	61	0	242	0	137	18	0	155	14
3	Lebanon	144	44	0	188	6	216	4	0	220	8	218	4	0	222	0	162	77	0	239	0
3	Oman	70	33	0	103	0	70	35	0	105	0	73	18	0	91	25	75	101	0	176	17
3	Qatar	103	36	0	139	0	89	34	0	123	0	80	7	0	87	5	59	0	0	59	16
3	Saudi Arabia	148	141	91	380	41	282	113	1	396	20	228	134	3	365	23	229	85	3	317	29
3	Syria	132	3	0	135	21	125	2	0	127	22	182	5	0	187	22	180	28	0	208	0
3	United Arab Emirates	210	205	0	415	11	198	216	0	414	15	152	103	0	255	2	176	20	0	196	26
3	Yemen	42	0	0	42	2	87	0	0	87	0	90	0	0	90	0	94	2	0	96	3
4	Anguilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Antigua and Barbuda	0	315	0	315	0	0	24	0	24	0	0	24	0	24	0	0	24	0	24	0
4	Aruba	86	11	0	97	2	85	18	0	103	1	88	10	0	98	1	90	8	0	98	1
4	Bahamas, The	89	52	0	141	16	89	73	0	162	11	85	44	0	129	12	95	33	0	128	1
4	Barbados	86	28	0	114	0	88	32	0	120	0	89	6	0	95	0	59	1	0	60	1
4	Bermuda	88	4	0	92	0	88	3	0	91	33	60	2	0	62	0	60	1	1	62	0
4	Cayman Islands	90	48	1	139	23	118	39	1	158	9	106	28	1	135	11	95	24	1	120	6
4	Cuba	342	63	1	406	0	342	11	1	354	0	341	12	1	354	0	390	10	1	401	0
4	Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Dominican Republic	501	128	0	629	18	803	536	0	1,339	19	892	79	0	971	14	642	41	0	683	0
4	French Overseas Departments	0	3	0	3	0	30	3	0	33	0	30	1	0	31	0	30	1	0	31	0
4	Grenada	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	30	0	0	30	0
4	Guadeloupe	0	2	0	2	0	0	0	0	2	2	0	0	0	2	2	0	0	0	0	0
4	Haiti	180	15	0	195	5	184	10	0	194	7	186	15	0	201	7	302	8	1	311	0
4	Jamaica	379	81	0	460	67	430	59	0	489	8	380	51	0	431	8	347	26	1	374	8
4	Montserrat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Navassa Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Netherlands Antilles	176	73	1	250	16	176	60	1	237	3	175	45	1	221	3	208	33	1	242	2

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
4	Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Saint Kitts and Nevis	0	1	0	1	0	0	40	0	40	0	0	0	0	0	0	0	0	0	0	0
4	Saint Lucia	30	1	0	31	0	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0
4	Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Trinidad and Tobago	111	6	0	117	2	114	4	0	118	0	114	3	0	117	0	114	6	0	120	1
4	Turks and Caicos Islands	43	30	0	73	0	43	29	0	72	0	46	4	0	50	0	48	4	0	52	0
4	U.S. Virgin Islands	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Virgin Islands, British	0	2	0	2	0	0	2	0	2	0	0	2	0	2	0	0	5	0	5	0
5	Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Belize	67	17	0	84	0	55	22	0	77	1	55	7	0	62	0	56	3	1	60	1
5	Canada	0	4	630	634	0	84	2	1,906	1,992	0	0	17	630	647	0	0	12	1,260	1,272	4
5	Costa Rica	208	289	1	498	17	202	210	1	413	19	206	173	1	380	35	165	29	1	195	6
5	El Salvador	320	149	0	469	12	300	107	0	407	1	359	49	0	408	1	218	18	1	237	2
5	Guatemala	435	67	0	502	46	368	54	1	423	9	365	49	1	415	7	308	28	2	338	7
5	Honduras	223	50	1	274	32	222	62	1	285	3	241	46	1	288	5	233	37	1	271	5
5	Mexico	10	276	0	286	270	7	465	0	472	1	3	71	0	74	1	17	60	1	78	0
5	Nicaragua	139	52	0	191	38	176	27	0	203	7	197	9	0	206	2	173	6	1	180	0
5	Panama	218	213	1	432	67	216	183	33	432	19	209	230	2	441	18	197	170	2	369	44
5	Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	United States (conterminous)	8	0	0	8	0	44	2	0	46	0	8	0	0	8	0	8	0	0	8	0
6	Argentina	307	915	0	1,222	172	286	511	0	797	135	264	398	0	662	35	289	147	1	437	64
6	Bolivia	169	118	1	288	7	188	159	1	348	5	128	38	0	166	4	121	29	1	151	30
6	Brazil	432	705	115	1,252	70	269	583	0	852	85	264	381	0	645	87	278	354	1	633	98
6	Chile	778	973	1	1,752	129	732	657	4	1,393	56	572	317	1	890	73	595	373	2	970	80
6	Colombia	238	484	2	724	92	238	449	8	695	32	209	183	8	400	30	209	128	9	346	54
6	Ecuador	447	134	0	581	54	360	95	0	455	9	360	55	0	415	3	310	22	1	333	36
6	French Guiana	24	0	0	24	0	24	0	0	24	0	24	0	0	24	0	26	0	0	26	0
6	Guyana	117	66	0	183	13	117	45	0	162	6	119	25	1	145	21	117	25	1	143	6
6	Paraguay	66	8	0	74	4	105	10	0	115	5	91	6	1	98	1	93	16	2	111	0
6	Peru	404	394	1	799	37	383	303	1	687	42	343	184	1	528	8	277	66	1	344	59
6	Suriname	31	45	0	76	0	32	43	0	75	0	59	32	1	92	0	59	31	1	91	5
6	Uruguay	89	63	0	152	8	87	57	0	144	9	71	56	0	127	20	67	55	2	124	1
6	Venezuela	149	336	1	486	55	149	284	1	434	92	150	188	1	339	165	164	161	2	327	173
7	Afghanistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bangladesh	15	1	0	16	0	30	1	0	31	0	0	1	0	1	0	0	0	0	0	0
7	Bhutan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Brunei	69	1	0	70	8	55	1	0	56	8	32	0	0	32	8	23	0	0	23	0
7	Burma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Cambodia	20	0	0	20	0	32	0	0	32	0	0	0	0	0	0	0	0	0	0	0
7	Chagos Archipelago	30	51	0	81	0	30	52	0	82	2	15	24	0	39	4	15	28	0	43	0
7	China	633	343	20	996	37	662	248	4	914	27	648	200	4	852	11	657	46	2	705	35
7	French Southern and Antarctic Lands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Hong Kong	191	17	0	208	6	316	17	0	333	4	336	20	0	356	4	242	28	5	275	60
7	India	421	510	24	955	70	467	300	1	768	59	435	426	1	862	64	416	273	1	690	34
7	Indonesia	169	32	1	202	18	266	77	1	344	14	300	106	1	407	11	274	34	2	310	142
7	Japan	73	207	653	933	143	106	297	630	1,033	49	312	229	630	1,171	100	506	256	631	1,393	57
7	Kampuchea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, South	307	173	1	481	30	305	183	5	493	49	430	205	5	640	114	326	206	2	534	51
7	Laos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Macau	27	18	0	45	0	26	16	0	42	2	17	2	0	19	0	17	2	0	19	0
7	Malaysia	176	657	0	833	7	144	647	0	791	16	121	20	0	141	4	166	30	1	197	5
7	Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mongolia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Nepal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pakistan	300	68	0	368	6	269	70	0	339	5	299	40	0	339	0	268	1	0	269	0

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
7	Philippines	19	0	0	19	0	48	0	0	48	0	130	7	0	137	18	199	7	0	206	18
7	Singapore	153	60	1	214	26	151	61	1	213	34	212	78	1	291	19	231	73	2	306	33
7	Sri Lanka	0	6	0	6	2	0	6	0	6	2	0	6	0	6	2	0	0	0	0	0
7	Taiwan	98	6	23	127	0	128	4	0	132	0	136	12	0	148	0	165	5	1	171	2
7	Thailand	128	47	18	193	24	165	154	1	320	21	233	166	1	400	45	223	61	2	286	5
7	Vietnam	183	5	0	188	0	183	5	0	188	2	302	6	0	308	0	191	3	0	194	34
8	American Samoa	61	20	0	81	0	68	17	0	85	0	72	9	1	82	1	61	4	1	66	0
8	Australia	90	142	0	232	8	120	151	0	271	30	147	144	0	291	61	202	91	0	293	65
8	Baker Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Fiji	22	1	0	23	0	24	1	0	25	0	25	1	0	26	0	26	0	0	26	0
8	French Polynesia	47	0	0	47	0	43	6	0	49	0	33	2	0	35	0	25	0	0	25	0
8	Guam	24	57	0	81	5	34	70	0	104	5	63	31	0	94	27	32	14	0	46	0
8	Hawaii	24	6	0	30	0	48	5	1	54	0	24	5	0	29	2	24	0	0	24	0
8	Howland Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Jarvis Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Johnston Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kingman Reef	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kiribati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Marshall Islands	34	35	0	69	0	41	31	1	73	0	37	30	1	68	0	26	7	0	33	47
8	Micronesia, Federated States of	47	14	0	61	3	41	13	0	54	0	41	24	0	65	0	183	25	0	208	7
8	Midway Atoll	2	2	0	4	0	2	0	0	2	0	2	0	0	2	0	2	1	0	3	0
8	Nauru	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0
8	New Caledonia	8	0	0	8	0	8	0	0	8	0	4	0	0	4	0	4	0	0	4	0
8	New Zealand	94	18	0	112	22	94	13	0	107	24	96	23	0	119	19	88	16	1	105	17
8	Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Norfolk Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Northern Mariana Islands	98	29	3	130	37	118	25	1	144	12	253	79	5	337	17	95	11	0	106	25
8	Pacific Islands (Palau)	29	8	0	37	4	29	8	0	37	0	19	9	0	28	0	24	2	0	26	20
8	Palmyra Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Papua New Guinea	8	0	0	8	0	10	0	0	10	0	10	0	0	10	0	10	4	0	14	0
8	Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tonga	28	2	0	30	1	29	1	0	30	0	29	1	0	30	0	26	0	0	26	0
8	Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wake Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wallis and Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Western Samoa	15	1	0	16	0	12	1	0	13	3	12	1	0	13	3	12	1	0	13	3
9	Albania	30	2	0	32	0	30	1	0	31	0	0	1	0	1	0	0	1	0	1	0
9	Armenia	133	2	0	135	0	91	3	0	94	0	112	4	0	116	0	62	0	0	62	0
9	Azerbaijan	32	22	0	54	2	32	154	0	186	4	42	18	0	60	0	15	12	0	27	3
9	Belarus	29	32	0	61	0	29	17	0	46	0	0	1	0	1	0	0	1	0	1	0
9	Bosnia and Herzegovina	519	93	0	612	0	351	29	0	380	0	379	8	0	387	0	0	0	0	0	0
9	Bulgaria	88	74	0	162	0	88	0	43	131	0	90	0	43	133	0	89	9	0	98	2
9	Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Czech Republic	0	43	0	43	0	0	0	43	43	0	0	0	43	43	0	16	0	0	16	0
9	Estonia	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0
9	Georgia	36	5	0	41	5	66	3	0	69	8	30	5	0	35	5	22	0	0	22	0
9	Hungary	60	74	0	134	0	90	0	43	133	0	90	8	43	141	0	90	0	0	90	0
9	Kazakhstan	0	12	0	12	0	0	18	0	18	0	0	8	0	8	6	0	5	0	5	3
9	Kyrgyzstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Latvia	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	2	0	2	0
9	Lithuania	72	12	0	84	2	44	13	0	57	4	46	12	0	58	3	46	1	0	47	0
9	Moldova	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0
9	Poland	210	48	0	258	6	210	5	43	258	6	209	7	43	259	4	212	12	0	224	34
9	Romania	90	49	0	139	0	75	2	43	120	0	60	2	44	106	0	74	2	1	77	0

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
9	Russia	232	188	41	461	38	294	238	22	554	87	485	206	3	694	28	443	168	2	613	217
9	Serbia	60	53	0	113	0	60	2	43	105	0	132	5	44	181	1	153	1	0	154	0
9	Slovakia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	0	0	30	0
9	Slovenia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Tajikistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ukraine	30	1	0	31	3	30	259	0	289	29	30	6	0	36	1	60	3	0	63	0
9	Uzbekistan	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0
10	Antarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Atlantic	0	1,513	0	1,513	0	0	1,137	630	1,767	0	0	1,137	0	1,137	0	0	0	0	0	0
10	Maritime - other oceans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Pacific	0	1,350	0	1,350	0	0	630	720	1,350	0	0	630	0	630	0	0	0	0	0	630
Total for all International Points		17,439	17,490	1,727	36,656	1,976	18,317	12,775	6,279	37,371	1,313	18,988	8,014	2,270	29,272	1,339	18,975	4,328	2,602	25,905	2,611
Activated Circuits %					94.9%					96.6%					95.6%					90.8%	
Idle Circuits %						5.1%					3.4%					4.4%					9.2%
Service Mix		47.6%	47.7%	4.7%	100.0%		49.0%	34.2%	16.8%	100.0%		64.9%	27.4%	7.8%	100.0%		73.2%	16.7%	10.0%	100.0%	
Regional Total																					
1	Western Europe	989	1,884	92	2,965	15	1,026	1,300	602	2,928	14	1,503	421	602	2,526	29	2,572	293	631	3,496	176
2	Africa	2,292	1,034	2	3,328	41	2,229	369	90	2,688	61	2,036	193	97	2,326	47	1,820	160	12	1,992	28
3	Middle East	1,806	2,239	91	4,136	135	2,196	836	1,349	4,381	105	1,992	592	4	2,588	109	1,984	432	5	2,421	163
4	Caribbean	2,201	865	3	3,069	149	2,620	943	5	3,568	91	2,622	326	5	2,953	56	2,540	225	6	2,771	20
5	North and Central America	1,628	1,117	633	3,378	482	1,674	1,134	1,942	4,750	60	1,643	651	635	2,929	69	1,375	363	1,270	3,008	69
6	South America	3,251	4,241	121	7,613	641	2,970	3,196	15	6,181	476	2,654	1,863	14	4,531	447	2,605	1,407	24	4,036	606
7	Asia	3,012	2,202	741	5,955	377	3,383	2,139	643	6,165	294	3,958	1,548	643	6,149	404	3,919	1,053	649	5,621	476
8	Oceania	614	335	2	951	76	729	342	3	1,074	74	875	359	7	1,241	130	848	176	2	1,026	184
9	Eastern Europe	1,621	710	41	2,372	56	1,490	749	280	2,519	138	1,705	294	263	2,262	48	1,312	219	3	1,534	259
10	Other Regions	0	2,863	0	2,863	0	0	1,767	1,350	3,117	0	0	1,767	0	1,767	0	0	0	0	0	630
11	Carriers serving Misc. U.S. points	25	0	1	26	4															
14	Total for all International Points	17,439	17,490	1,727	36,656	1,976	18,317	12,775	6,279	37,371	1,313	18,988	8,014	2,270	29,272	1,339	18,975	4,328	2,602	25,905	2,611
Regional % as of Total																					
Western Europe		5.7%	10.8%	5.3%	8.1%	0.8%	5.6%	10.2%	9.6%	7.8%	1.1%	7.9%	5.3%	26.5%	8.6%	2.2%	13.6%	6.8%	24.3%	13.5%	6.7%
Africa		13.1%	5.9%	0.1%	9.1%	2.1%	12.2%	2.9%	1.4%	7.2%	4.6%	10.7%	2.4%	4.3%	7.9%	3.5%	9.6%	3.7%	0.5%	7.7%	1.1%
Middle East		10.4%	12.8%	5.3%	11.3%	6.8%	12.0%	6.5%	21.5%	11.7%	8.0%	10.5%	7.4%	0.2%	8.8%	8.1%	10.5%	10.0%	0.2%	9.3%	6.2%
Caribbean		12.6%	4.9%	0.2%	8.4%	7.5%	14.3%	7.4%	0.1%	9.5%	6.9%	13.8%	4.1%	0.2%	10.1%	4.2%	13.4%	5.2%	0.2%	10.7%	0.8%
North and Central America		9.3%	6.4%	36.7%	9.2%	24.4%	9.1%	8.9%	30.9%	12.7%	4.6%	8.7%	8.1%	28.0%	10.0%	5.2%	7.2%	8.4%	48.8%	11.6%	2.6%
South America		18.6%	24.2%	7.0%	20.8%	32.4%	16.2%	25.0%	0.2%	16.5%	36.3%	14.0%	23.2%	0.6%	15.5%	33.4%	13.7%	32.5%	0.9%	15.6%	23.2%
Asia		17.3%	12.6%	42.9%	16.2%	19.1%	18.5%	16.7%	10.2%	16.5%	22.4%	20.8%	19.3%	28.3%	21.0%	30.2%	20.7%	24.3%	24.9%	21.7%	18.2%
Oceania		3.5%	1.9%	0.1%	2.6%	3.8%	4.0%	2.7%	0.0%	2.9%	5.6%	4.6%	4.5%	0.3%	4.2%	9.7%	4.5%	4.1%	0.1%	4.0%	7.0%
Eastern Europe		9.3%	4.1%	2.4%	6.5%	2.8%	8.1%	5.9%	4.5%	6.7%	10.5%	9.0%	3.7%	11.6%	7.7%	3.6%	6.9%	5.1%	0.1%	5.9%	9.9%
Other Regions		0.0%	16.4%	0.0%	7.8%	0.0%	0.0%	13.8%	21.5%	8.3%	0.0%	0.0%	22.0%	0.0%	6.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.1%
Total for all International Points		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 3 - Satellite Circuit Status 1995-1998

Reg Code	Country	1998 Satellite					1997 Satellite					1996 Satellite					1995 Satellite				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Sat Active Ckts	Sat Idle Ckts
	Service Mix By Region																				
	Western Europe	33.4%	63.5%	3.1%	100.0%		35.0%	44.4%	20.6%	100.0%		59.5%	16.7%	23.8%	100.0%		73.6%	8.4%	18.0%	100.0%	
	Africa	68.9%	31.1%	0.1%	100.0%		82.9%	13.7%	3.3%	100.0%		87.5%	8.3%	4.2%	100.0%		91.4%	8.0%	0.6%	100.0%	
	Middle East	43.7%	54.1%	2.2%	100.0%		50.1%	19.1%	30.8%	100.0%		77.0%	22.9%	0.2%	100.0%		81.9%	17.8%	0.2%	100.0%	
	Caribbean	71.7%	28.2%	0.1%	100.0%		73.4%	26.4%	0.1%	100.0%		88.8%	11.0%	0.2%	100.0%		91.7%	8.1%	0.2%	100.0%	
	North and Central America	48.2%	33.1%	18.7%	100.0%		35.2%	23.9%	40.9%	100.0%		56.1%	22.2%	21.7%	100.0%		45.7%	12.1%	42.2%	100.0%	
	South America	42.7%	55.7%	1.6%	100.0%		48.1%	51.7%	0.2%	100.0%		58.6%	41.1%	0.3%	100.0%		64.5%	34.9%	0.6%	100.0%	
	Asia	50.6%	37.0%	12.4%	100.0%		54.9%	34.7%	10.4%	100.0%		64.4%	25.2%	10.5%	100.0%		69.7%	18.7%	11.5%	100.0%	
	Oceania	64.6%	35.2%	0.2%	100.0%		67.9%	31.8%	0.3%	100.0%		70.5%	28.9%	0.6%	100.0%		82.7%	17.2%	0.2%	100.0%	
	Eastern Europe	68.3%	29.9%	1.7%	100.0%		59.2%	29.7%	11.1%	100.0%		75.4%	13.0%	11.6%	100.0%		85.5%	14.3%	0.2%	100.0%	
	Other Regions	0.0%	100.0%	0.0%	100.0%		0.0%	56.7%	43.3%	100.0%		0.0%	100.0%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%	
	Total for all International Points	47.6%	47.7%	4.7%	100.0%		49.0%	34.2%	16.8%	100.0%		<u>64.9%</u>	<u>27.4%</u>	<u>7.8%</u>	<u>100.0%</u>		<u>73.2%</u>	<u>16.7%</u>	<u>10.0%</u>	<u>100.0%</u>	
	Transmission Mix (% of total)				<u>7.9%</u>					<u>10.8%</u>					<u>11.4%</u>					<u>15.8%</u>	
	Regional Growth Rate by Service																				
	Western Europe	-3.6%	44.9%	-84.7%	1.3%	7.1%	-32%	209%	0%	16%	-52%	-42%	44%	-5%	-28%	-84%					
	Africa	2.8%	180.2%	-97.8%	23.8%	-32.8%	9%	91%	-7%	16%	30%	12%	21%	708%	17%	68%					
	Middle East	-17.8%	167.8%	-93.3%	-5.6%	28.6%	10%	41%	33625%	69%	-4%	0%	37%	-20%	7%	-33%					
	Caribbean	-16.0%	-8.3%	-40.0%	-14.0%	63.7%	-0%	189%	0%	21%	63%	3%	45%	-17%	7%	180%					
	North and Central America	-2.7%	-1.5%	-67.4%	-28.9%	703.3%	2%	74%	206%	62%	-13%	19%	79%	-50%	-3%	0%					
	South America	9.5%	32.7%	706.7%	23.2%	34.7%	12%	72%	7%	36%	6%	2%	32%	-42%	12%	-26%					
	Asia	-11.0%	2.9%	15.2%	-3.4%	28.2%	-15%	38%	0%	0%	-27%	1%	47%	-1%	9%	-15%					
	Oceania	-15.8%	-2.0%	-33.3%	-11.5%	2.7%	-17%	-5%	-57%	-13%	-43%	3%	104%	250%	21%	-29%					
	Eastern Europe	8.8%	-5.2%	-85.4%	-5.8%	-59.4%	-13%	155%	6%	11%	188%	30%	34%	8667%	47%	-81%					
	Other Regions	0.0%	0.0%	0.0%	0.0%	0.0%	0%	0%	0%	76%	0%	0%	0%	0%	0%	-100%					
	Total for all International Points	-4.8%	36.9%	-72.5%	-1.9%	50.5%	-4%	59%	177%	28%	-2%	0%	85%	-13%	13%	-49%					

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
1	Andorra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Austria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Belgium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Cyprus	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Denmark	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Finland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	France	10	0	0	10	20	10	0	0	10	0	0	0	0	0	7	0	0	0	7	0
1	Germany	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Gibraltar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Greece	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Greenland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Iceland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Ireland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Italy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Liechtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Luxembourg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Malta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Netherlands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Norway	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Portugal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Spain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Sweden	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Switzerland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Turkey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	United Kingdom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Algeria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Benin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Botswana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Burkina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Burundi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Canary Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cape Verde	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Central African Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Congo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cote d'Ivoire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Djibouti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Egypt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ethiopia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Gabon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Gambia, The	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ghana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Guinea-Bissau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kenya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Lesotho	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Liberia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Libya	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Madagascar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Malawi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Mali	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Mauritania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
2	Mauritius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Morocco	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Mozambique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Namibia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Niger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Nigeria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Reunion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rwanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Saint Helena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sao Tome and Principe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Senegal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sierra Leone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Somalia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	South Africa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sudan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Swaziland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Tanzania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Togo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Tunisia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Uganda	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Western Sahara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zaire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zambia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zimbabwe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bahrain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Iran	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Iraq	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Israel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Jordan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Kuwait	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Lebanon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Oman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Qatar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Saudi Arabia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Syria	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	United Arab Emirates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Yemen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Anguilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Antigua and Barbuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Aruba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Bahamas, The	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Barbados	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Bermuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cayman Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cuba	30	0	0	30	0	30	0	0	30	0	0	0	0	0	8	0	0	0	8	0
4	Dominica	18	0	0	18	0	18	0	0	18	0	0	0	0	18	0	0	0	18	0	0
4	Dominican Republic	0	0	0	0	48	0	1	0	1	3	198	552	0	750	20	126	480	0	606	0
4	French Overseas Departments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Grenada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Guadeloupe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Haiti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Montserrat	8	0	0	8	22	8	0	0	8	22	0	0	0	0	8	0	0	0	8	1
4	Navassa Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Netherlands Antilles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
4	Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Saint Kitts and Nevis	23	0	0	23	0	23	0	0	23	0	0	0	0	0	23	0	0	0	23	0
4	Saint Lucia	15	0	0	15	0	15	0	0	15	0	0	0	0	0	15	0	0	0	15	0
4	Saint Vincent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Trinidad and Tobago	19	2	0	21	26	19	3	0	22	26	0	0	0	0	19	0	0	0	19	0
4	Turks and Caicos Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	U.S. Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Virgin Islands, British	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Belize	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Canada	54,713	53,302	0	108,015	121,603	50343	40447	2625	93415	32178	41,793	29,698	3,161	74,652	917	44,256	5,543	1,296	51,095	1,936
5	Costa Rica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	El Salvador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Guatemala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Honduras	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mexico	39,862	28,910	0	68,772	5,680	36665	23060	0	59725	1148	27,755	13,250	0	41,005	1,329	23,229	1,607	0	24,836	800
5	Nicaragua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	United States (conterminous)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Argentina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Bolivia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Brazil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Chile	0	0	0	0	0	0	0	0	0	0	26	4	0	30	0	0	0	0	0	0
6	Colombia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ecuador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	French Guiana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Guyana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Paraguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Peru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Uruguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Venezuela	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Afghanistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bangladesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bhutan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Brunei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Burma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Cambodia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Chagos Archipelago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	China	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	French Southern and Antarctic Lands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Hong Kong	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	India	30	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Indonesia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Japan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kampuchea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, South	0	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Laos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Macau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Malaysia	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mongolia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Nepal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pakistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
7	Philippines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Singapore	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Sri Lanka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Taiwan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Thailand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Vietnam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Australia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Baker Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Fiji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	French Polynesia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Guam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Hawaii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Howland Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Jarvis Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Johnston Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kingman Reef	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kiribati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Marshall Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Micronesia, Federated States of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	9	0	38	21	0
8	Midway Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nauru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	New Caledonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	New Zealand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Norfolk Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Northern Mariana Islands	0	0	0	0	0	0	0	0	0	0	29	10	0	39	12	24	0	0	24	0
8	Pacific Islands (Palau)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Palmyra Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Papua New Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tonga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wake Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wallis and Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Western Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Albania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Armenia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Azerbaijan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Belarus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Bulgaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Croatia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Czech Republic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Estonia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Hungary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Kazakhstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Kyrgyzstan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Latvia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Lithuania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Moldova	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Romania	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
9	Russia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Serbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Slovakia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Slovenia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Tajikistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ukraine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Uzbekistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Antarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Atlantic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - other oceans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Pacific	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Total for all International Points	94,767	82,223	0	176,990	127,399	87,131	63,511	2,625	153,267	33,377	69,801	43,514	3,161	116,476	2,278	67,762	7,639	1,296	76,697	2,758
	Activate Circuits %				58.1%					82.1%					98.1%					96.5%	
	Idle Circuits %					41.9%					17.9%					1.9%					3.5%
	Service Mix	53.5%	46.5%	0.0%	100.0%		56.8%	41.4%	1.7%	100.0%		59.9%	37.4%	2.7%	100.0%		88.4%	10.0%	1.7%	100.0%	
	Regional Total																				
1	Western Europe	18	0	0	18	20	10	0	0	10	0	0	0	0	0	0	7	0	0	7	0
2	Africa	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Middle East	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Caribbean	113	2	0	115	96	113	4	0	117	51	198	552	0	750	20	217	480	0	697	1
5	North and Central America	94,575	82,213	0	176,788	127,283	87,008	63,507	2,625	153,140	33,326	69,548	42,948	3,161	115,657	2,246	67,485	7,150	1,296	75,931	2,736
6	South America	0	0	0	0	0	0	0	0	0	0	26	4	0	30	0	0	0	0	0	0
7	Asia	38	8	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Oceania	0	0	0	0	0	0	0	0	0	0	29	10	0	39	12	53	9	0	62	21
9	Eastern Europe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Other Regions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total for all International Points	94,767	82,223	0	176,990	127,399	87,131	63,511	2,625	153,267	33,377	69,801	43,514	3,161	116,476	2,278	67,762	7,639	1,296	76,697	2,758
	Regional % as of Total																				
1	Western Europe	0.02%	0.00%	0.00%	0.01%	0.02%	0.01%	0.00%	0.0%	0.01%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2	Africa	0.02%	0.00%	0.00%	0.01%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
3	Middle East	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
4	Caribbean	0.12%	0.00%	0.00%	0.06%	0.08%	0.13%	0.01%	0.0%	0.08%	2.1%	0.3%	1.3%	0.0%	0.6%	0.9%	0.3%	6.3%	0.0%	0.9%	0.0%
5	North and Central America	99.80%	99.99%	0.00%	99.89%	99.91%	99.86%	99.99%	100.0%	99.92%	97.9%	99.6%	98.7%	100.0%	99.3%	98.6%	99.6%	93.6%	100.0%	99.0%	99.2%
6	South America	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
7	Asia	0.04%	0.01%	0.00%	0.03%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
8	Oceania	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	0.0%	0.1%	0.8%
9	Eastern Europe	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
10	Other Regions	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%	0.00%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
23	Total for all International Points	100%	100%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

TABLE 4 - Terrestrial Circuit Status 1995-1998

Reg Code	Country	1998 Terrestrial					1997 Terrestrial					1996 Terrestrial					1995 Terrestrial				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Terr Active Ckts	Terr Idle Ckts
	Service Mix By Region																				
1	Western Europe	100.0%	0.0%	0.0%	100.0%		100.0%	0.0%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%		100.0%	0.0%	0.0%	100.0%	
2	Africa	100.0%	0.0%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	
3	Middle East	100.0%	0.0%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	
4	Caribbean	98.3%	1.7%	0.0%	100.0%		96.6%	3.4%	0.0%	100.0%		26.4%	73.6%	0.0%	100.0%		31.1%	68.9%	0.0%	100.0%	
5	North and Central America	53.5%	46.5%	0.0%	100.0%		56.8%	41.5%	1.7%	100.0%		60.1%	37.1%	2.7%	100.0%		88.9%	9.4%	1.7%	100.0%	
6	South America	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		86.7%	13.3%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%	
7	Asia	82.6%	17.4%	0.0%	100.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	
8	Oceania	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		74.4%	25.6%	0.0%	100.0%		85.5%	14.5%	0.0%	100.0%	
9	Eastern Europe	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	
10	Other Regions	0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%		0.0%	0.0%	0.0%	0.0%	
23	Total for all International Points	53.5%	46.5%	0.0%	100.0%		56.8%	41.4%	1.7%	100.0%		59.9%	37.4%	2.7%	100.0%		88.4%	10.0%	1.7%	100.0%	
	Transmission Mix (% of total)				38.1%					44.2%					46%					47%	
	Regional Growth Rate by Service																				
1	Western Europe	80.0%	0.0%	0.0%	80.0%	0%	0.0%	0%	0%	0%	-100%	0%	0%	-100%	0%						
2	Africa	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%						
3	Middle East	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%						
4	Caribbean	0.0%	-50.0%	0.0%	-1.7%	88%	-42.9%	-99%	0%	-84.4%	155%	-9%	15%	0%	8%	1900%					
5	North and Central America	8.7%	29.5%	-100.0%	15.4%	282%	25.1%	47.9%	-17%	32.4%	1384%	3%	501%	144%	52%	-18%					
6	South America	0.0%	0.0%	0.0%	0.0%	0%	-100.0%	-100.0%	0%	-100.0%	0%	0%	0%	0%	0%						
7	Asia	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%						
8	Oceania	0.0%	0.0%	0.0%	0.0%	0%	-100.0%	-100%	0%	-100.0%	-100%	-45%	11%	0%	-37%	-43%					
9	Eastern Europe	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%						
10	Other Regions	0.0%	0.0%	0.0%	0.0%	0%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%						
23	Total for all International Points	8.8%	29.5%	-100.0%	15.5%	282%	24.8%	46.0%	-17%	31.6%	1365%	3%	470%	144%	52%	-17%					

* Revised 1997 Canada circuits: private line lease circuits has been reduced by 31,000 and the idle circuit has been increased by the same amount, 31,000.

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
1	Andorra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Austria	315	126	1	442	319	283	138	2	423	297	284	67	1	352	300	255	30	1	286	293
1	Belgium	1,206	929	1	2,136	226	1,350	809	44	2,203	721	898	587	44	1,529	970	858	226	1	1,085	1,026
1	Cyprus	61	26	0	87	33	98	86	0	184	40	98	19	0	117	32	190	16	0	206	74
1	Denmark	586	203	1	790	566	547	94	44	685	243	511	73	44	628	224	435	27	1	463	178
1	Finland	276	202	1	479	210	326	133	1	460	182	357	76	1	434	238	256	94	1	351	151
1	France	4,389	2,626	31	7,046	5,138	3,142	3,314	199	6,655	5,531	2,810	2,830	56	5,696	4,106	2,143	766	13	2,922	4,329
1	Germany	5,595	7,364	33	12,992	11,377	5,120	8,028	108	13,256	8,553	3,835	4,636	53	8,524	7,070	2,706	1,271	10	3,987	6,696
1	Gibraltar	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0	29	0	0	29	1
1	Greece	285	52	0	337	37	404	126	43	573	43	330	106	43	479	153	314	25	1	340	13
1	Greenland	0	559	0	559	0	0	424	0	424	0	0	0	0	0	0	0	0	0	0	0
1	Iceland	73	110	0	183	0	127	182	0	309	6	123	19	0	142	18	119	1	0	120	0
1	Ireland	1,229	893	24	2,146	1,024	1,437	620	67	2,124	853	1,289	462	43	1,794	937	924	216	0	1,140	2,226
1	Italy	2,234	859	93	3,186	314	1,700	813	44	2,557	1,356	1,772	756	44	2,572	1,231	1,545	165	1	1,711	1,907
1	Liechtenstein	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	Luxembourg	135	42	1	178	107	136	39	1	176	98	134	8	1	143	103	120	6	1	127	83
1	Malta	35	8	0	43	0	27	0	0	27	0	42	0	0	42	0	28	0	0	28	0
1	Netherlands	2,087	6,129	9	8,225	15,115	1,179	2,028	66	3,273	3,006	1,073	1,903	52	3,028	1,691	1,224	666	9	1,899	2,243
1	Norway	472	103	1	576	98	513	86	44	643	358	484	74	44	602	73	343	11	1	355	350
1	Portugal	458	1,550	1	2,009	68	459	416	44	919	37	411	90	44	545	104	357	46	1	404	242
1	Spain	1,990	1,152	2	3,144	1,894	1,722	1,041	46	2,809	1,705	1,209	201	45	1,455	2,051	1,120	76	1	1,197	3,956
1	Sweden	2,673	9,460	127	12,260	2,054	1,036	3,468	170	4,674	1,805	826	1,375	44	2,245	1,123	684	19	1	704	2,568
1	Switzerland	2,251	1,573	1	3,825	2,291	1,237	1,111	1	2,349	1,923	952	716	1	1,669	1,520	927	404	1	1,332	1,628
1	Turkey	209	123	0	332	307	287	149	43	479	291	233	151	43	427	318	180	49	0	229	215
1	United Kingdom	25,444	75,828	2,978	104,250	110,025	18,197	23,208	334	41,739	22,514	13,149	18,993	333	32,475	11,060	8,530	6,445	1,206	16,181	27,662
2	Algeria	15	43	0	58	0	39	4	43	86	0	15	0	43	58	0	33	1	0	34	0
2	Angola	8	23	0	31	2	13	31	0	44	6	8	10	0	18	2	12	17	0	29	0
2	Benin	31	3	0	34	0	26	3	0	29	0	19	1	0	20	0	19	0	0	19	0
2	Botswana	22	10	0	32	0	20	8	0	28	4	16	4	0	20	4	16	0	0	16	0
2	Burkina	14	0	0	14	0	20	0	0	20	0	14	0	0	14	0	14	1	0	15	0
2	Burundi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cameroon	55	5	0	60	0	60	11	0	71	0	46	5	0	51	13	45	2	1	48	0
2	Canary Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Cape Verde	24	2	0	26	0	24	0	0	24	0	24	0	0	24	0	24	0	0	24	0
2	Central African Republic	4	0	0	4	0	8	1	0	9	0	8	1	0	9	0	0	1	0	1	0
2	Chad	6	2	0	8	0	6	3	0	9	0	6	1	0	7	2	0	1	0	1	0
2	Comoros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Congo	58	5	0	63	0	46	6	0	52	0	23	6	0	29	0	29	4	0	33	0
2	Cote d'Ivoire	45	12	1	58	0	55	10	1	66	0	50	6	1	57	0	50	4	1	55	0
2	Djibouti	15	0	0	15	15	15	0	0	15	15	15	0	0	15	15	0	0	0	0	0
2	Egypt	278	267	1	546	38	215	123	3	341	47	203	56	3	262	60	235	4	1	240	0
2	Equatorial Guinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ethiopia	110	8	0	118	2	110	4	0	114	6	155	4	1	160	6	103	0	2	105	0
2	Gabon	41	4	0	45	0	45	4	0	49	0	31	3	0	34	1	34	2	0	36	0
2	Gambia, The	61	0	0	61	0	24	0	0	24	0	76	0	0	76	0	16	0	0	16	0
2	Ghana	135	11	0	146	1	75	3	0	78	0	89	4	0	93	0	46	2	0	48	0
2	Guinea	89	4	0	93	0	90	4	0	94	0	35	2	0	37	0	8	25	0	33	0
2	Guinea-Bissau	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kenya	75	12	0	87	1	75	9	0	84	1	75	6	1	82	0	118	7	1	126	2
2	Lesotho	8	0	0	8	0	8	0	0	8	0	21	0	0	21	0	13	0	0	13	0
2	Liberia	57	3	0	60	0	83	0	0	83	0	60	0	0	60	0	60	0	0	60	0
2	Libya	4	0	0	4	0	4	0	0	4	0	4	0	0	4	0	4	0	0	4	0
2	Madagascar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Malawi	46	8	0	54	0	46	3	0	49	0	43	1	0	44	0	24	0	0	24	0
2	Mali	46	0	0	46	0	46	0	0	46	0	34	0	0	34	0	28	0	0	28	0
2	Mauritania	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
2	Mauritius	18	28	0	46	0	11	13	0	24	15	8	6	0	14	2	8	0	0	8	0
2	Morocco	115	9	0	124	0	113	7	0	120	0	89	7	0	96	0	91	3	0	94	8
2	Mozambique	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	9	0	0	9	0
2	Namibia	8	2	0	10	0	8	4	0	12	0	8	0	0	8	0	8	0	0	8	0
2	Niger	10	0	0	10	0	10	0	0	10	0	10	0	1	11	0	10	0	1	11	0
2	Nigeria	294	34	0	328	0	232	3	0	235	0	208	6	1	215	0	232	9	1	242	0
2	Reunion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Rwanda	28	2	0	30	0	30	3	0	33	0	30	1	0	31	0	0	2	0	2	0
2	Saint Helena	0	319	0	319	0	0	3	0	3	0	0	3	0	3	0	0	3	0	3	0
2	Sao Tome and Principe	52	0	0	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Senegal	27	1	0	28	0	59	1	0	60	0	79	1	1	81	0	79	2	2	83	0
2	Seychelles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Sierra Leone	27	4	0	31	0	27	4	0	31	0	27	4	0	31	0	16	1	0	17	0
2	Somalia	15	0	0	15	0	15	4	0	19	0	16	2	0	18	0	8	2	0	10	0
2	South Africa	432	659	0	1,091	260	423	422	0	845	196	382	252	1	635	213	259	83	1	343	168
2	Sudan	46	0	0	46	0	46	1	0	47	0	46	1	0	47	0	70	0	0	70	2
2	Swaziland	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0
2	Tanzania	31	1	0	32	0	31	4	0	35	0	45	3	0	48	0	18	2	0	20	0
2	Togo	16	4	0	20	0	23	0	0	23	0	8	0	0	8	0	18	0	0	18	0
2	Tunisia	91	44	0	135	0	90	17	43	150	0	90	9	43	142	7	47	9	0	56	0
2	Uganda	72	3	0	75	0	81	3	0	84	1	81	3	0	84	1	57	2	0	59	1
2	Western Sahara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Zaire	105	7	0	112	0	135	7	0	142	0	98	4	0	102	0	60	23	0	83	0
2	Zambia	60	2	0	62	0	50	2	0	52	0	50	2	0	52	0	54	0	0	54	0
2	Zimbabwe	74	19	0	93	1	74	18	0	92	1	70	5	1	76	1	60	1	1	62	0
3	Bahrain	83	411	0	494	41	79	72	333	484	24	75	46	0	121	8	79	17	0	96	5
3	Iran	235	5	0	240	0	265	3	0	268	0	266	2	0	268	0	310	2	0	312	0
3	Iraq	102	2	0	104	0	102	3	0	105	0	84	0	0	84	0	134	0	0	134	0
3	Israel	1,018	1,243	120	2,381	498	1,082	843	1	1,926	266	860	485	1	1,346	293	676	151	1	828	155
3	Jordan	132	22	0	154	14	120	18	0	138	0	112	11	1	124	0	129	3	1	133	1
3	Kuwait	136	1,148	0	1,284	0	181	83	1,015	1,279	4	241	92	0	333	0	137	18	0	155	14
3	Lebanon	144	44	0	188	6	216	4	0	220	8	218	5	0	223	2	162	79	0	241	0
3	Oman	70	33	0	103	0	70	35	0	105	0	73	18	0	91	25	75	101	0	176	17
3	Qatar	103	36	0	139	0	89	34	0	123	0	80	7	0	87	5	59	0	0	59	16
3	Saudi Arabia	297	141	91	529	221	461	113	1	575	110	378	134	3	515	173	319	85	3	407	29
3	Syria	196	5	0	201	21	211	8	0	219	22	212	5	0	217	22	210	28	0	238	0
3	United Arab Emirates	265	210	0	475	41	198	216	0	414	45	152	103	0	255	32	176	20	0	196	26
3	Yemen	42	0	0	42	2	87	0	0	87	0	90	0	0	90	0	94	2	0	96	3
4	Anguilla	6	0	0	6	0	4	0	0	4	0	4	0	0	4	0	19	1	0	20	24
4	Antigua and Barbuda	224	320	0	544	24	214	60	0	274	6	162	60	0	222	55	164	26	0	190	55
4	Aruba	144	11	0	155	64	115	18	0	133	1	110	10	0	120	69	112	8	0	120	181
4	Bahamas, The	1,172	143	1	1,316	101	947	90	0	1,037	128	545	48	0	593	43	555	56	0	611	22
4	Barbados	253	96	0	349	120	268	87	0	355	70	238	52	0	290	28	206	20	0	226	236
4	Bermuda	617	200	1	818	219	639	212	1	852	285	413	170	1	584	108	405	166	1	572	147
4	Cayman Islands	90	54	1	145	113	118	39	1	158	9	106	36	1	143	11	95	37	1	133	6
4	Cuba	513	65	1	579	0	513	11	1	525	0	482	14	1	497	0	539	12	1	552	0
4	Dominica	92	0	0	92	0	200	0	0	200	0	17	0	0	17	0	41	0	0	41	38
4	Dominican Republic	2,310	447	0	2,757	1,011	2,156	695	0	2,851	833	1,661	774	0	2,435	196	1,555	605	0	2,160	605
4	French Overseas Departments	30	3	0	33	0	55	8	0	63	0	55	2	0	57	4	30	1	0	31	0
4	Grenada	88	12	0	100	0	90	6	0	96	0	65	3	0	68	60	100	0	0	100	30
4	Guadeloupe	33	2	0	35	0	63	0	2	65	0	60	1	2	63	0	60	0	0	60	0
4	Haiti	240	16	0	256	125	244	10	0	254	127	246	15	0	261	127	392	8	1	401	129
4	Jamaica	771	133	1	905	100	639	77	1	717	177	620	73	1	694	38	587	59	1	647	83
4	Montserrat	50	0	0	50	22	70	0	0	70	22	33	0	0	33	20	86	0	0	86	21
4	Navassa Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Netherlands Antilles	386	74	1	461	76	386	61	1	448	243	303	45	1	349	299	431	34	1	466	21

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
4	Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Saint Kitts and Nevis	93	1	0	94	0	113	40	0	153	0	50	0	0	50	0	160	0	0	160	40
4	Saint Lucia	143	9	0	152	32	165	8	0	173	2	128	0	0	128	1	100	0	0	100	1
4	Saint Vincent and the Grenadines	7	0	0	7	0	30	0	0	30	0	24	0	0	24	0	25	0	0	25	16
4	Trinidad and Tobago	664	85	0	749	340	697	32	0	729	334	499	27	0	526	462	383	15	0	398	231
4	Turks and Caicos Islands	43	30	0	73	0	43	29	0	72	0	46	4	0	50	0	48	4	0	52	0
4	U.S. Virgin Islands	1,410	343	0	1,753	785	1,380	198	0	1,578	911	1,380	133	0	1,513	689	1,618	30	0	1,648	595
4	Virgin Islands, British	180	59	0	239	2,593	300	30	0	330	82	254	34	0	288	69	305	15	0	320	95
5	Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Belize	67	17	0	84	0	66	22	0	88	1	55	7	0	62	0	67	4	1	72	20
5	Canada	54,909	53,330	630	108,869	121,633	50,501	40,449	4,531	95,481	32,374	41,869	29,715	3,791	75,375	1,011	44,384	5,555	2,556	52,495	2,064
5	Costa Rica	253	348	1	602	92	247	231	1	479	19	206	173	1	380	35	165	29	1	195	96
5	El Salvador	474	180	0	654	398	390	131	0	521	521	359	49	0	408	511	338	18	1	357	662
5	Guatemala	465	182	0	647	48	368	88	1	457	44	365	49	1	415	37	308	28	2	338	37
5	Honduras	404	66	1	471	454	282	92	1	375	484	241	76	1	318	545	233	37	1	271	545
5	Mexico	40,350	29,186	0	69,536	5,982	37,030	23,525	0	60,555	1,181	27,812	13,321	0	41,133	1,426	23,270	1,667	1	24,938	896
5	Nicaragua	168	54	0	222	128	176	27	0	203	97	197	9	0	206	2	173	6	1	180	90
5	Panama	218	213	1	432	67	216	183	33	432	19	209	230	2	441	48	197	170	2	369	188
5	Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	United States (conterminous)	117	252	78	447	207	158	155	36	349	168	90	30	18	138	220	73	30	15	118	63
6	Argentina	772	1,665	1	2,438	813	773	1,012	1	1,786	626	698	519	1	1,218	622	528	147	1	676	95
6	Bolivia	169	118	1	288	7	188	159	1	348	5	128	38	0	166	4	121	29	1	151	30
6	Brazil	2,030	3,521	124	5,675	1,221	1,595	2,485	1	4,081	1,026	1,530	1,233	1	2,764	835	1,430	466	1	1,897	436
6	Chile	930	1,128	1	2,059	859	762	700	4	1,466	226	628	321	1	950	733	595	373	2	970	82
6	Colombia	1,168	924	3	2,095	520	1,137	739	9	1,885	376	1,178	379	9	1,566	454	1,026	225	9	1,260	946
6	Ecuador	447	134	0	581	54	360	95	0	455	9	360	55	0	415	4	310	22	1	333	48
6	French Guiana	24	0	0	24	0	24	0	0	24	0	24	0	0	24	0	26	0	0	26	0
6	Guyana	117	66	0	183	133	117	45	0	162	126	119	25	1	145	141	117	25	1	143	300
6	Paraguay	96	8	0	104	4	135	10	0	145	5	91	6	1	98	1	93	16	2	111	183
6	Peru	404	394	1	799	397	383	303	1	687	72	343	184	1	528	38	277	66	1	344	70
6	Suriname	31	45	0	76	0	32	43	0	75	0	59	32	1	92	0	59	31	1	91	5
6	Uruguay	150	134	0	284	128	116	123	0	239	130	71	56	0	127	170	97	55	2	154	319
6	Venezuela	1,850	1,412	2	3,264	1,626	1,611	1,080	2	2,693	1,567	1,397	652	2	2,051	1,703	1,229	297	2	1,528	3,930
7	Afghanistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Bangladesh	128	1	0	129	61	139	1	0	140	31	125	1	0	126	30	30	0	0	30	21
7	Bhutan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Brunei	91	1	0	92	8	77	1	0	78	8	32	0	0	32	19	34	0	0	34	0
7	Burma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Cambodia	20	0	0	20	0	32	0	0	32	0	8	0	0	8	22	0	0	0	0	0
7	Chagos Archipelago	61	51	0	112	0	61	52	0	113	2	46	24	0	70	4	15	28	0	43	0
7	China	1,606	835	24	2,465	37,367	1,501	422	4	1,927	1,073	1,290	302	4	1,596	620	1,058	54	2	1,114	696
7	French Southern and Antarctic Lands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Hong Kong	1,227	4,689	40	5,956	3,653	1,273	3,060	41	4,374	1,855	1,007	1,921	9	2,937	840	779	860	42	1,681	1,036
7	India	1,144	795	24	1,963	337	1,418	802	1	2,221	190	1,358	544	1	1,903	157	1,004	293	1	1,298	567
7	Indonesia	737	294	1	1,032	323	712	370	1	1,083	150	508	281	1	790	49	397	51	2	450	287
7	Japan	7,041	12,417	1,522	20,980	28,312	6,582	10,097	657	17,336	17,311	5,629	7,683	645	13,957	17,774	4,888	2,277	663	7,828	16,387
7	Kampuchea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, North	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Korea, South	2,299	4,095	6	6,400	5,371	2,246	3,788	7	6,041	3,934	1,492	1,521	6	3,019	4,015	1,143	494	2	1,639	3,573
7	Laos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Macau	27	18	0	45	0	26	16	0	42	2	17	2	0	19	0	17	2	0	19	0
7	Malaysia	740	1,978	1	2,719	189	572	1,544	1	2,117	1,714	429	279	1	709	228	293	131	1	425	365
7	Maldives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mongolia	9	0	0	9	0	9	0	0	9	0	9	0	0	9	0	9	0	0	9	0
7	Nepal	10	0	0	10	20	30	0	0	30	0	30	0	0	30	0	24	0	0	24	6
7	Pakistan	300	69	0	369	6	269	70	0	339	5	329	42	0	371	0	268	1	0	269	0

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
7	Philippines	3,125	1,437	3	4,565	1,954	2,835	826	3	3,664	1,599	2,003	397	2	2,402	1,706	1,856	151	3	2,010	1,825
7	Singapore	835	1,959	4	2,798	2,001	641	1,617	3	2,261	610	623	1,114	3	1,740	547	378	522	3	903	631
7	Sri Lanka	100	38	0	138	33	110	14	0	124	33	113	11	0	124	36	60	4	0	64	62
7	Taiwan	1,368	1,914	49	3,331	4,897	1,635	996	2	2,633	907	1,377	594	2	1,973	1,186	1,070	157	2	1,229	1,032
7	Thailand	490	564	18	1,072	341	439	479	1	919	156	357	298	1	656	128	342	82	2	426	145
7	Vietnam	662	60	0	722	51	661	35	0	696	1,653	508	10	0	518	30	191	4	0	195	154
8	American Samoa	61	20	0	81	0	68	17	0	85	0	72	9	1	82	1	61	4	1	66	0
8	Australia	3,494	5,394	163	9,051	5,256	4,173	4,289	10	8,472	1,052	2,247	2,450	10	4,707	1,831	2,310	848	9	3,167	1,094
8	Baker Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Cook Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Fiji	38	1	0	39	0	44	1	0	45	0	45	1	0	46	0	44	0	0	44	2
8	French Polynesia	47	0	0	47	0	43	6	0	49	0	33	2	0	35	0	25	0	0	25	0
8	Guam	342	964	0	1,306	758	385	814	0	1,199	664	335	292	0	627	423	347	38	0	385	252
8	Hawaii	33	86	0	119	60	110	41	3	154	2	33	129	0	162	111	32	52	0	84	0
8	Howland Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Jarvis Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Johnston Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kingman Reef	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kiribati	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Marshall Islands	41	35	0	76	0	41	31	1	73	0	37	32	1	70	0	42	7	0	49	47
8	Micronesia, Federated States of	47	14	0	61	3	41	13	0	54	0	41	24	0	65	0	212	34	0	246	28
8	Midway Atoll	2	2	0	4	0	2	0	0	2	0	2	0	0	2	0	2	1	0	3	0
8	Nauru	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0	8	0	0	8	0
8	New Caledonia	8	0	0	8	0	8	0	0	8	0	4	0	0	4	0	4	0	0	4	0
8	New Zealand	819	378	2	1,199	276	718	390	2	1,110	83	486	395	2	883	258	462	54	2	518	253
8	Niue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Norfolk Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Northern Mariana Islands	176	65	44	285	68	166	57	17	240	42	282	89	5	376	29	119	11	0	130	25
8	Pacific Islands (Palau)	29	8	0	37	4	29	8	0	37	0	19	9	0	28	0	24	2	0	26	20
8	Palmyra Atoll	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Papua New Guinea	23	0	0	23	0	18	0	0	18	0	18	0	0	18	0	19	4	0	23	0
8	Solomon Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Tonga	28	2	0	30	1	29	1	0	30	0	29	1	0	30	0	26	0	0	26	0
8	Tuvalu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wake Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Wallis and Futuna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Western Samoa	15	1	0	16	0	12	1	0	13	3	12	1	0	13	3	12	1	0	13	3
9	Albania	30	2	0	32	0	30	1	0	31	0	0	1	0	1	0	15	1	0	16	0
9	Armenia	133	2	0	135	0	135	5	0	140	0	112	4	0	116	0	62	0	0	62	0
9	Azerbaijan	32	22	0	54	2	32	154	0	186	4	42	18	0	60	0	15	12	0	27	3
9	Belarus	67	32	0	99	0	53	17	0	70	0	8	1	0	9	0	54	1	0	55	0
9	Bosnia and Herzegovina	519	93	0	612	0	351	29	0	380	0	379	8	0	387	0	0	0	0	0	0
9	Bulgaria	88	74	0	162	0	88	0	43	131	0	90	1	43	134	0	89	9	0	98	2
9	Croatia	128	155	0	283	0	122	155	0	277	56	98	33	0	131	0	194	2	0	196	0
9	Czech Republic	197	50	0	247	93	105	8	43	156	146	158	8	43	209	86	165	2	0	167	149
9	Estonia	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0
9	Georgia	36	5	0	41	5	66	3	0	69	8	30	5	0	35	5	22	0	0	22	0
9	Hungary	201	111	0	312	127	202	31	43	276	102	150	35	43	228	139	150	0	0	150	120
9	Kazakhstan	38	12	0	50	30	38	18	0	56	30	38	8	0	46	36	70	5	0	75	3
9	Kyrgyzstan	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0	30	0	0	30	0
9	Latvia	60	0	0	60	0	30	1	0	31	0	30	1	0	31	0	0	2	0	2	0
9	Lithuania	72	12	0	84	2	44	13	0	57	4	46	12	0	58	3	46	1	0	47	0
9	Moldova	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0
9	Poland	1,089	97	0	1,186	430	760	114	43	917	629	744	52	43	839	696	554	17	0	571	726
9	Romania	90	49	0	139	30	75	2	43	120	0	90	2	44	136	0	74	2	1	77	0

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
9	Russia	1,269	832	41	2,142	455	1,266	533	22	1,821	451	1,052	298	3	1,353	550	1,108	180	2	1,290	424
9	Serbia	151	84	0	235	99	152	33	43	228	99	162	9	44	215	136	191	1	0	192	15
9	Slovakia	98	8	0	106	0	98	8	0	106	0	68	8	0	76	30	60	0	0	60	30
9	Slovenia	60	0	0	60	0	60	62	0	122	0	60	31	0	91	0	60	0	0	60	0
9	Tajikistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ukraine	336	32	0	368	3	150	259	0	409	179	60	6	0	66	1	60	5	0	65	0
9	Uzbekistan	30	0	0	30	0	38	2	0	40	22	8	0	0	8	22	8	0	0	8	0
10	Antarctica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Maritime - Atlantic	0	1,513	0	1,513	0	0	1,137	630	1,767	0	0	1,137	0	1,137	0	0	0	0	0	0
10	Maritime - other oceans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	0	0	60	0
10	Maritime - Pacific	0	1,350	0	1,350	0	0	630	720	1,350	0	0	630	0	630	0	0	0	0	0	630
12	Total for all International Points	204,805	252,977	6,310	464,092	385,489	182,357	154,972	9,754	347,083	127,448	146,108	103,897	5,834	255,839	76,779	131,722	28,080	4,616	164,418	100,582
	Activated Circuits %				54.6%					73.1%					76.9%					62.0%	
	Idle Circuits %				45.4%					26.9%					23.1%					38.0%	
	Service Mix	44.1%	54.5%	1.4%	100.0%		52.5%	44.6%	2.8%	100.0%		57.1%	40.6%	2.3%	100.0%		80.1%	17.1%	2.8%	100.0%	
	Regional Total																				
1	Western Europe	52,033	109,917	3,305	165,255	151,203	39,357	46,313	1,301	86,971	49,562	30,850	33,142	936	64,928	33,322	23,287	10,559	1,250	35,096	55,841
2	Africa	2,792	1,560	2	4,354	320	2,635	743	90	3,468	292	2,439	419	97	2,955	327	2,051	213	12	2,276	181
3	Middle East	2,823	3,300	211	6,334	844	3,161	1,432	1,350	5,943	479	2,841	908	5	3,754	560	2,560	506	5	3,071	266
4	Caribbean	9,559	2,103	6	11,668	5,725	9,449	1,711	7	11,167	3,230	7,501	1,501	7	9,009	2,279	8,016	1,097	6	9,119	2,576
5	North and Central America	97,425	83,828	711	181,964	129,009	89,434	64,903	4,603	158,940	34,908	71,403	43,659	3,814	118,876	3,835	69,208	7,544	2,581	79,333	4,661
6	South America	8,188	9,549	133	17,870	5,762	7,233	6,794	19	14,046	4,168	6,626	3,500	18	10,144	4,705	5,908	1,752	24	7,684	6,444
7	Asia	22,020	31,215	1,692	54,927	84,924	21,268	24,190	721	46,179	31,233	17,290	15,024	675	32,989	27,391	13,856	5,111	723	19,690	26,787
8	Oceania	5,211	6,970	209	12,390	6,426	5,895	5,669	33	11,597	1,846	3,703	3,434	19	7,156	2,656	3,749	1,056	12	4,817	1,724
9	Eastern Europe	4,754	1,672	41	6,467	1,276	3,925	1,450	280	5,655	1,730	3,455	543	263	4,261	1,704	3,027	242	3	3,272	1,472
10	Other Regions	0	2,863	0	2,863	0	0	1,767	1,350	3,117	0	0	1,767	0	1,767	0	60	0	0	60	630
14	Total for all International Points	204,805	252,977	6,310	464,092	385,489	182,357	154,972	9,754	347,083	127,448	146,108	103,897	5,834	255,839	76,779	131,722	28,080	4,616	164,418	100,582
	Regional % as of Total																				
1	Western Europe	25.4%	43.4%	52.4%	35.6%	39.2%	21.6%	29.9%	13.3%	25.1%	38.9%	21.1%	31.9%	16.0%	25.4%	43.4%	17.7%	37.6%	27.1%	21.3%	55.5%
2	Africa	1.4%	0.6%	0.0%	0.9%	0.1%	1.4%	0.5%	0.9%	1.0%	0.2%	1.7%	0.4%	1.7%	1.2%	0.4%	1.6%	0.8%	0.3%	1.4%	0.2%
3	Middle East	1.4%	1.3%	3.3%	1.4%	0.2%	1.7%	0.9%	13.8%	1.7%	0.4%	1.9%	0.9%	0.1%	1.5%	0.7%	1.9%	1.8%	0.1%	1.9%	0.3%
4	Caribbean	4.7%	0.8%	0.1%	2.5%	1.5%	5.2%	1.1%	0.1%	3.2%	2.5%	5.1%	1.4%	0.1%	3.5%	3.0%	6.1%	3.9%	0.1%	5.5%	2.6%
5	North and Central America	47.6%	33.1%	11.3%	39.2%	33.5%	49.0%	41.9%	47.2%	45.8%	27.4%	48.9%	42.0%	65.4%	46.5%	5.0%	52.5%	26.9%	55.9%	48.3%	4.6%
6	South America	4.0%	3.8%	2.1%	3.9%	1.5%	4.0%	4.4%	0.2%	4.0%	3.3%	4.5%	3.4%	0.3%	4.0%	6.1%	4.5%	6.2%	0.5%	4.7%	6.4%
7	Asia	10.8%	12.3%	26.8%	11.8%	22.0%	11.7%	15.6%	7.4%	13.3%	24.5%	11.8%	14.5%	11.6%	12.9%	35.7%	10.5%	18.2%	15.7%	12.0%	26.6%
8	Oceania	2.5%	2.8%	3.3%	2.7%	1.7%	3.2%	3.7%	0.3%	3.3%	1.4%	2.5%	3.3%	0.3%	2.8%	3.5%	2.8%	3.8%	0.3%	2.9%	1.7%
9	Eastern Europe	2.3%	0.7%	0.6%	1.4%	0.3%	2.2%	0.9%	2.9%	1.6%	1.4%	2.4%	0.5%	4.5%	1.7%	2.2%	2.3%	0.9%	0.1%	2.0%	1.5%
10	Other Regions	0.0%	1.1%	0.0%	0.6%	0.0%	0.0%	1.1%	13.8%	0.9%	0.0%	0.0%	1.7%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
23	Total for all International Points	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

TABLE 5 - Combined Circuit Status 1995-1998

Reg Code	Country	1998 Combined					1997 Combined					1996 Combined					1995 Combined				
		IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts	IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts
	Service Mix By Region																				
1	Western Europe	31.5%	66.5%	2.0%	100.0%		45.3%	53.3%	1.5%	100.0%		47.5%	51.0%	1.4%	100.0%		66.4%	30.1%	3.6%	100.0%	
2	Africa	64.1%	35.8%	0.0%	100.0%		76.0%	21.4%	2.6%	100.0%		82.5%	14.2%	3.3%	100.0%		90.1%	9.4%	0.5%	100.0%	
3	Middle East	44.6%	52.1%	3.3%	100.0%		53.2%	24.1%	22.7%	100.0%		75.7%	24.2%	0.1%	100.0%		83.4%	16.5%	0.2%	100.0%	
4	Caribbean	81.9%	18.0%	0.1%	100.0%		84.6%	15.3%	0.1%	100.0%		83.3%	16.7%	0.1%	100.0%		87.9%	12.0%	0.1%	100.0%	
5	North and Central America	53.5%	46.1%	0.4%	100.0%		56.3%	40.8%	2.9%	100.0%		60.1%	36.7%	3.2%	100.0%		87.2%	9.5%	3.3%	100.0%	
6	South America	45.8%	53.4%	0.7%	100.0%		51.5%	48.4%	0.1%	100.0%		65.3%	34.5%	0.2%	100.0%		76.9%	22.8%	0.3%	100.0%	
7	Asia	40.1%	56.8%	3.1%	100.0%		46.1%	52.4%	1.6%	100.0%		52.4%	45.5%	2.0%	100.0%		70.4%	26.0%	3.7%	100.0%	
8	Oceania	42.1%	56.3%	1.7%	100.0%		50.8%	48.9%	0.3%	100.0%		51.7%	48.0%	0.3%	100.0%		77.8%	21.9%	0.2%	100.0%	
9	Eastern Europe	73.5%	25.9%	0.6%	100.0%		69.4%	25.6%	5.0%	100.0%		81.1%	12.7%	6.2%	100.0%		92.5%	7.4%	0.1%	100.0%	
10	Other Regions	0.0%	100.0%	0.0%	100.0%		0.0%	56.7%	43.3%	100.0%		0.0%	100.0%	0.0%	100.0%		100.0%	0.0%	0.0%	100.0%	
23	Total for all International Points	44.1%	54.5%	1.4%	100.0%		52.5%	44.6%	2.8%	100.0%		57.1%	40.6%	2.3%	100.0%		80.1%	17.1%	2.8%	100.0%	
	Transmission Mix (% of total)																				
	Regional Growth Rate by Service																				
1	Western Europe	32%	137%	154%	90%	205%	28%	40%	39%	34%	49%	32%	214%	-25%	85%	-40%					
2	Africa	6%	110%	-98%	26%	10%	8%	77%	-7%	17%	-11%	19%	97%	708%	30%	81%					
3	Middle East	-11%	130%	-84%	7%	76%	11%	58%	26900%	58%	-14%	11%	79%	0%	22%	111%					
4	Caribbean	1%	23%	-14%	4%	77%	26%	14%	0%	24%	42%	-6%	37%	17%	-1%	-12%					
5	North and Central America	9%	29%	-85%	14%	270%	25%	49%	21%	34%	810%	3%	479%	48%	50%	-18%					
6	South America	13%	41%	600%	27%	38%	9%	94%	6%	38%	-11%	12%	100%	-25%	32%	-27%					
7	Asia	4%	29%	135%	19%	172%	23%	61%	7%	40%	14%	25%	194%	-7%	68%	2%					
8	Oceania	-12%	23%	533%	7%	248%	59%	65%	74%	62%	-30%	-1%	225%	58%	49%	54%					
9	Eastern Europe	21%	15%	-85%	14%	-26%	14%	167%	6%	33%	2%	14%	124%	8667%	30%	16%					
10	Other Regions	0%	62%	-100%	-8%	0%	0%	0%	0%	76%	0%	-100%	0%	0%	2845%	-100%					
23	Total for all International Points	12%	63%	-35%	34%	202%	25%	49%	67%	36%	66%	11%	270%	26%	56%	-24%					

TABLE 6 - Top 30 Countries Circuit Status 1998

1998 Rank #	1997 Rank #	1996 Rank #	1995 Rank #	Reg Code	Country	1998 Combined					1998 IMTS/PL. Split Ratio	1997 IMTS/PL. Split Ratio	1996 IMTS/PL. Split Ratio	1995 IMTS/PL. Split Ratio
						IMTS Total Ckts	P.L. Total Ckts	Other Serv. Ckts	Active Total Ckts	Idle Total Ckts				
1	1	1	1	5	Canada	54,909	53,330	630	108,869	121,633	1.03	1.25	1.41	7.99
2	3	3	3	1	United Kingdom	25,444	75,828	2,978	104,250	110,025	0.34	0.78	0.69	1.32
3	2	2	2	5	Mexico	40,350	29,186	0	69,536	5,982	1.38	1.57	2.09	13.96
4	4	4	4	7	Japan	7,041	12,417	1,522	20,980	28,312	0.57	0.65	0.73	2.15
5	5	5	5	1	Germany	5,595	7,364	33	12,992	11,377	0.76	0.64	0.83	2.13
6	9	15	29	1	Sweden	2,673	9,460	127	12,260	2,054	0.28	0.30	0.60	36.00
7	6	7	6	8	Australia	3,494	5,394	163	9,051	5,256	0.65	0.97	0.92	2.72
8	13	8	10	1	Netherlands	2,087	6,129	9	8,225	15,115	0.34	0.58	0.56	1.84
9	7	6	7	1	France	4,389	2,626	31	7,046	5,138	1.67	0.95	0.99	2.80
10	8	9	15	7	Korea, South	2,299	4,095	6	6,400	5,371	0.56	0.59	0.98	2.31
11	10	10	13	7	Hong Kong	1,227	4,689	40	5,956	3,653	0.26	0.42	0.52	0.91
12	11	11	11	6	Brazil	2,030	3,521	124	5,675	1,221	0.58	0.64	1.24	3.07
13	12	14	9	7	Philippines	3,125	1,437	3	4,565	1,954	2.17	3.43	5.05	12.29
14	19	21	17	1	Switzerland	2,251	1,573	1	3,825	2,291	1.43	1.11	1.33	2.29
15	17	17	21	7	Taiwan	1,368	1,914	49	3,331	4,897	0.71	1.64	2.32	6.82
16	16	16	16	6	Venezuela	1,850	1,412	2	3,264	1,626	1.31	1.49	2.14	4.14
17	18	12	12	1	Italy	2,234	859	93	3,186	314	2.60	2.09	2.34	9.36
18	15	26	22	1	Spain	1,990	1,152	2	3,144	1,894	1.73	1.65	6.01	14.74
19	20	20	27	7	Singapore	835	1,959	4	2,798	2,001	0.43	0.40	0.56	0.72
20	14	13	8	4	Dominican Republic	2,310	447	0	2,757	1,011	5.17	3.10	2.15	2.57
21	24	n.a.	n.a.	7	Malaysia	740	1,978	1	2,719	189	0.37	0.37	1.54	2.24
22	25	22	24	7	China	1,606	835	24	2,465	37,367	1.92	3.56	4.27	19.59
23	29	29	30	6	Argentina	772	1,665	1	2,438	813	0.46	0.76	1.34	3.59
24	26	28	28	3	Israel	1,018	1,243	120	2,381	498	0.82	1.28	1.77	4.48
25	23	19	23	1	Ireland	1,229	893	24	2,146	1,024	1.38	2.32	2.79	4.28
26	28	27	19	9	Russia	1,269	832	41	2,142	455	1.53	2.38	3.53	6.16
27	22	24	25	1	Belgium	1,206	929	1	2,136	226	1.50	1.67	1.53	3.80
28	27	23	20	6	Colombia	1,168	924	3	2,095	520	1.26	1.54	3.11	4.56
29	n.a.	n.a.	n.a.	6	Chile	930	1,128	1	2,059	859	0.82	1.09	1.96	1.60
30	n.a.	n.a.	n.a.	1	Portugal	458	1,550	1	2,009	68	0.30	1.10	4.57	7.76
Top 30 International Points Circuits						177,897	236,769	6,034	420,700	373,144	0.75	1.09	1.27	4.34
Total for all International Points						204,805	252,977	6,310	464,092	385,489	0.81	1.18	1.41	4.69
Top 30 as % of all Intern'l Points						86.9%	93.6%	95.6%	90.7%	96.8%				
Regional Total														
1					Western Europe	52,033	109,917	3,305	165,255	151,203	0.47	0.85	0.93	2.21
2					Africa	2,792	1,560	2	4,354	320	1.79	3.55	5.82	9.63
3					Middle East	2,823	3,300	211	6,334	844	0.86	2.21	3.13	5.06
4					Caribbean	9,559	2,103	6	11,668	5,725	4.55	5.52	5.00	7.31
5					North and Central America	97,425	83,828	711	181,964	129,009	1.16	1.38	1.64	9.17
6					South America	8,188	9,549	133	17,870	5,762	0.86	1.06	1.89	3.37
7					Asia	22,020	31,215	1,692	54,927	84,924	0.71	0.88	1.15	2.71
8					Oceania	5,211	6,970	209	12,390	6,426	0.75	1.04	1.08	3.55
9					Eastern Europe	4,754	1,672	41	6,467	1,276	2.84	2.71	6.36	12.51
10					Other Regions	0	2,863	0	2,863	0	0.00	0.00	0.00	0.00
Total for all International Points						204,805	252,977	6,310	464,092	385,489	0.81	1.18	1.41	4.69

**TABLE 7 - Trans-Ocean Fiber Optic Cable Capacity
64 Kbps Circuits**

CABLES	Cost (\$M)	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999 Est.	2000 Est.	2001 Est.
TRANS - ATLANTIC (T-A) -															
Operational :															
CANTAT-3 *	\$600							60,480	60,480	60,480	60,480	60,480	60,480	60,480	60,480
CANUS-1	n.a.	0	0	0	0	0	0	0	30,240	30,240	30,240	30,240	30,240	30,240	30,240
Columbus II * *	\$404	0	0	0	0	0	0	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120
PTAT 1	\$400	0	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010
TAT 8	\$360	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
TAT 9	\$406	0	0	0	0	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120
TAT 10	\$300	0	0	0	0	22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680
TAT 11	\$280	0	0	0	0	0	22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680
TAT 12/TAT-13	\$756	0	0	0	0	0	0	0	60,480	120,960	120,960	241,920	362,880	362,880	362,880
Gemini	\$520										60,480	120,960	362,880	362,880	362,880
Atlantic Crossing (AC-1)	\$850											241,920	967,680	967,680	967,680
Planned :															
Columbus III	\$236												120,960	120,960	483,840
OXYGEN (USA)	\$10,000														7,741,440
TAT-14	\$1,500													7,741,440	
FLAG Atlantic - 1 ****	\$1,200														29,030,400
Level 3	\$600														3,870,720
Hibernia	\$630														1,935,360
(1) Total T-A		7,560	24,570	24,570	24,570	62,370	85,050	160,650	251,370	311,850	372,330	795,690	2,005,290	9,746,730	52,687,530
(2) Total T-A w/o CANTAT-3									190,890	251,370	311,850	735,210	1,944,810	9,686,250	52,627,050
(3) 43.82 Reported circuits of regions 1,2,3,9 (active+ Idle)									91,399	101,876	141,256	322,944			
(4) Reported % = (3) / (2) (w/o CANTAT-3)									47.9%	40.5%	45.3%	43.9%			
AMERICAS -															
Operational :															
Americas I * *	\$268							22,680	22,680	22,680	22,680	22,680	22,680	22,680	22,680
TCS-1	\$133			1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890	1,890
Taino-Carb	\$17					45,360	45,360	45,360	45,360	45,360	45,360	45,360	45,360	45,360	45,360
Antillas 1	n.a.										15,120	15,120	15,120	15,120	15,120
BAHAMAS II	n.a.										30,240	30,240	30,240	30,240	30,240
Pan American Cable System	\$214											120,960	120,960	120,960	120,960
Planned :															
AmeriCan-1	n.a.													2,903,040	2,903,040
Americas II	\$310													604,800	604,800
MAC-1	\$200													241,920	241,920
PAC-1	\$365													241,920	241,920
ARCOS-1	n.a.													181,440	181,440
MAYA -1	\$150													90,720	90,720
Atlantic-1	n.a.														241,920
SAC	\$700														483,840
(1) Total Americas		0	0	1,890	1,890	47,250	47,250	69,930	69,930	69,930	115,290	236,250	236,250	4,500,090	5,225,850
(2) Total Americas (without Taino-Carb cable)									24,570	24,570	69,930	190,890	190,890	4,454,730	5,180,490
(3) 43.82 reported circuits of regions 4, 5, 6 (active+ Idle)									19,942	19,160	24,699	32,384			
(4) Reported % = (3) / (2) (w/o Taino-Carb) * * *									81.2%	78.0%	35.3%	17.0%			

**TABLE 7 - Trans-Ocean Fiber Optic Cable Capacity
64 Kbps Circuits**

CABLES	Cost (\$M)	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999 Est.	2000 Est.	2001 Est.
TRANS - PACIFIC (T-P) -															
Operational:															
HAW 4/TPC 3	\$601	0	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
NPC	n.a.	0	0	0	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010	17,010
TPC 4	\$408	0	0	0	0	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120
HAW-5	\$152						15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120	15,120
PacRimEast	\$280						7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560	7,560
PacRimWest	\$282								7,560	7,560	7,560	7,560	7,560	7,560	7,560
TPC 5	\$1,348	0	0	0	0	0	0	0	0	120,960	120,960	241,920	241,920	241,920	241,920
Planned:															
China - U.S. Cable Network	\$1,100												967,680	967,680	967,680
PC-1	\$1,200													967,680	967,680
Japan - U.S. Cable Network	\$1,000													967,680	967,680
Southern Cross	\$800													483,840	483,840
Guam-Philippines	n.a.													120,960	120,960
OXYGEN (USA)	\$10,000														7,741,440
(1) Total T-P		0	7,560	7,560	24,570	39,690	62,370	62,370	69,930	190,890	190,890	311,850	1,279,530	3,819,690	11,561,130
(2) 43.82 Reported circuits of regions 7,8 (active+ Idle)										45,628	62,217	83,248	151,184		
(3) Reported % = (2) / (1)									65.2%	32.6%	43.6%	48.5%			
ALL REGIONS -															
(4) Total Available Capacity										285,390	466,830	572,670	1,237,950	3,415,230	17,960,670
(5) Total 43.82 Reported Circuits										156,969	183,253	249,203	506,512		
(6) Total Reported % = (5) / (4)										55.0%	39.3%	43.5%	40.9%		

* CANTAT-3 is a Canadian cable. Because there is little information on the U.S. carriers' ownership, we excluded CANTAT-3 in our total reported % calculation.

** Americas I and Columbus II have common segments from Florida to U.S. Virgin Islands at 60,480 circuits capacity. These large common segments are designed for back up purposes. From U.S.V.I. landing point and beyond, Americas I has 22,680 circuits to its South American destinations. Columbus II has 15,120 circuits to its European destinations. For the purpose of calculating available capacity for Americas and European regions, we decided to use the most reasonable capacity of 22,680 and 15,120 for Americas I and Columbus II respectively. We have revised Columbus II capacity from 22,680 to 15,120 circuits in this year's report.

*** Taino-Carb cable only connects from Puerto Rico to the U.S. Virgin Islands and British Virgin Island (basically serves as a hub) we therefore excluded this cable in our reported % calculation.

**** FLAG-Atlantic -1 sold half of its planned capacity (3 pairs out of total 6 pairs of 400 Gbps cable); the buyers now have the control to bring cable on line as they need. The maximum capacity is listed in the table.

Note: All future cables' capacity are based on the information available at the time of the planned cables' filing (and subsequent updates). These estimates, however, are subject to change.

Conversion Ratio Used:

- 1 E-1 Circuit = 30 64 Kbps Circuits
- 1 DS-3 Circuit = 21 E-1s = 630 64 Kbps Circuits
- 1 STM Circuit = 3 DS-3s = 63 E-1s = 1,890 64 Kbps Circuits
- 5 Gbps = 2,016 E1s = 60,480 64 Kbps Circuits
- 10 Gbps = 4,032 E1s = 120,960 64 Kbps Circuits

**TABLE 7 - Trans-Ocean Fiber Optic Cable Capacity
64 Kbps Circuits**

Table 7 - Data sources:

Cable capacities are extracted from the FCC Cable Landing License Orders or pending Applications (see the following details).
For construction costs, some are available in their License Order, others are available at each project's website, as cited below.

CABLES	Landing Points	FCC File No.	Release Date	FCC Record
TRANS - ATLANTIC -				
Operational :				
TAT-8	U.S./U.K./France	I-T-C-84-072 , FCC 84-240 34614	June 8, 1984	98 FCC 2 d 440 (1984)
PTAT	U.S./Bermuda/Ireland/UK.	SCL-85-001, FCC 85-99 35600	April 5, 1985	100 FCC 2 d 1033 (1985)
TAT-9	U.S./Canada/U.K./France/Spain	SCL-88-004, DA 88-1961	December 27, 1988	3 FCC Rcd 7304 (1988)
TAT-10	U.S./Germany/Netherlands	SCL-91-001, FCC 91-416	January 10, 1992	7 FCC Rcd 130 (1992)
TAT-11	U.S./U.K./France	SCL-91-002, FCC 91-418	January 10, 1992	7 FCC Rcd 134 (1992)
TAT-12/13	U.S./U.K./France	I-T-C-93-062 , DA 93-823	July 16, 1993	8 FCC Rcd 4810 (1993)
CANTAT-3 *	Canada/Iceland/Denmark/Germany/UK	SCL-92-004, FCC 93-137	April 1, 1993	8 FCC Rcd 2267 (1993)
Columbus II	U.S./Mexico/PR/Portugal/Spain/Italy	SCL-93-001, DA 93-908	July 26, 1993	8 FCC Rcd 5038 (1993)
CANUS-1	U.S./Bermuda/Canada	SCL-95-004 (M) , DA 96-956	June 14, 1996	11 FCC Rcd 7121 (1996)
Atlantic Crossing (AC-1)	U.S./U.K./Germany	SCL-97-002, DA 97-2034	September 23, 1997	13 FCC Rcd 5961(1998)
Gemini Cable System - continued	U.S./U.K.	SCL-96-004, DA 96-1649 & 2151	October 3 & December 18, 1996	11 FCC Rcd 12732 (1996) & 12 FCC Rcd 8637 (1997)
Planned :				
Columbus III	U.S./Italy/Spain/Portugal	ITC-98-437, DA 99-1637	Aug. 20, 1999	14 FCC Rcd 13436 (1999)
OXYGEN (USA)	Will link 78 countries (see its filing Attachment)	SCL-LIC-19981014-00020, DA 99-491	March 15, 1999	14 FCC Rcd 3924 (1999)
TAT-14	U.S./Denmark/Germany/Netherlands/France/U.K.	SCL-LIC-19990303-00004, DA 99-2042	Oct. 1, 1999	n.a.
Flag Atlantic - 1	U.S./U.K./France	SCL-LIC-19990303-00005, DA 99-2041	Oct. 1, 1999	n.a.
Hibernia	US/Canada/Ireland/U.K.	SCL-LIC-19990804-00012	Pending	
Level 3	U.S./U.K.	SCL-LIC-19990913-00019	Pending	
AMERICAS -				
Operational :				
Americas I - Continue	US/USVI/Brazil/Fr. Guyana/Martinique/Trinidad/Venezuela/Curacao/Guyana/Suriname	SCL-93-002, DA 93-909	July 26, 1993	8 FCC Rcd 5041 (1993)
TCS-1	US/PR/Dominican Rep./Jamaica/Colombia	SCL-89-003, DA 89-1667	January, 5, 1990	5 FCC Rcd 100 (1990)
Taino-Carb	PR/USVI/British V.I.	SCL-92-002, DA 92-861	July 6, 1992	7 FCC Rcd 4275 (1992)
BAHAMAS II	US/Bahamas	ITC-96-234, DA 96-1234	August 6, 1996	N.A.
Antillas I	PR/Dominican Rep.	SCL-95-012, DA 96-1052	July 2, 1996	11 FCC Rcd 7690 (1996)
Pan American Cable System	USVI/Aruba/Venez/Colom/Pan/Ecu/Peru/Chile	SCL-97-001, DA 98-81	January 20, 1998	13 FCC Rcd 850 (1998)
Planned :				
AmeriCan-1 *	US/Canada	SCL-98-001, DA98-2569	August 21, 1998	13 FCC Rcd 15663 (1998)
Americas II - Continue	US/PR/USVI/Martinique/Curacao/Trinidad/Venezuela/French Guiana/Brazil	ITC-98-342, 342A, DA 98-2294	November 10, 1998	13 FCC Rcd 22534 (1998)
MAC-1	US/USVI	SCL-LIC-19981030-00023, DA 99-509	March 18, 1999	14 FCC Rcd 3981 (1999)
PAC-1	US/Mexico/Panama/Venezuela/USVI	SCL-LIC-19981103-00022, DA 99-510	March 18, 1999	14 FCC Rcd 3989 (1999)
ARCOS-1 (Americas Region Caribbean Righ System)	US/Bahamas/Turks/Dom Rep/PR/Curacao/Ven/Colom/Pan/Costa Rica/Nica/Honduras/Guatemala/Belize/Mexico	SCL-LIC-19981222-00032, DA 99-1312	July 2, 1999	14 FCC Rcd 10597 (1999)
MAYA - 1	US/Cayman Isl./Colombia/Costa Rica/Honduras/Mexico/Panama	SCL-LIC-19990325-00006, DA 99-2579	Nov. 18, 1999	n.a.
Atlantica-1	US/Venezuela/Brazil/Bermuda	SCL-LIC-19990602-00010, DA99-2778	Dec. 10, 1999	n.a.
SAC	USVI/Brazil/Arg/Chile/Peru/Colombia/Panama	SCL-LIC-19990823-00015	Pending	

**TABLE 7 - Trans-Ocean Fiber Optic Cable Capacity
64 Kbps Circuits**

Table 7 - Data sources:

Cable capacities are extracted from the FCC Cable Landing License Orders or pending Applications (see the following details).
For construction costs, some are available in their License Order, others are available at each project's website, as cited below.

TRANS - PACIFIC -				
Operational :				
HAW-4/TPC-3	U.S./Hawaii/Guam/Japan	I-T-C-85-219 & ITC-88-024, DA 88-185	January 7, 1986 & February 22, 1988	3 FCC Rcd 940 (1988)
NPC	U.S./Japan	SCL-86-002-(M), FCC 89-304	November 15, 1989	4 FCC Rcd 8061 (1989)
TPC-4	U.S./Canada/Japan	SCL-89-004, FCC 89-305	November 15, 1989	4 FCC Rcd 8040 (1989)
PacRimWest	Australia/Guam	ITC-90-097, FCC-90-379	December 10, 1990	5 FCC Rcd 7362 (1990)
PacRimEast	HI/NZ	ITC-90-072, FCC-90-378	December 10, 1990	5 FCC Rcd 7331 (1990)
HAW-5	US- CA/HI	ITC-90-081, FCC-90-377	December 10, 1990	5 FCC Rcd 7344 (1990)
TPC-5	U.S./Japan	SCL-92-005, DA 92-1560	November 25, 1992	7 FCC Rcd 7674 (1992)
Planned :				
Southern Cross	U.S./Fiji/Australia/New Zealand	ITC-97-622 DA 98-273	February 13, 1998	13 FCC Rcd 2939 (1998)
China - U.S. Cable Network	U.S./China/Taiwan/Japan/S. Korea/Guam	SCL-98-002, DA 98-1711	August 28, 1998	13 FCC Rcd 16232 (1998)
PC-1	US/Japan	SCL-98-006, DA 98-2351	November 23, 1998	n.a.
Guam-Philippines Cable	Guam/Philippines	SCL-98-004, DA 98-2550	December 15, 1998	14 FCC Rcd 1923 (1999)
OXYGEN (USA)	Will link 78 countries (see its filing Attachment 1)	SCL-LIC-19981014-00020, DA 99-491	March 15, 1999	14 FCC Rcd 3924 (1999)
Japan - U.S. CN	US/HI/Japan	SCL-LIC-19981117-00025, FCC 99-167	July 9, 1999	n.a.
Other Projects * *:				
Atlantic Express I	U.S./U.K.	SCL-95-005, DA 96-931	June 10, 1996	11 FCC Rcd 7033 (1996)
Atlantic ExpressII	U.S./Bermuda/U.K.	SCL-95-006, DA 96-931	June 10, 1996	11 FCC Rcd 7033 (1996)
Cable & Wireless Cable	U.S./U.K.	SCL-96-005, FCC 97-204	June 20, 1997	12 FCC Rcd 8516 (1997)
Asia-Direct Cable System	U.S./Canada/Japan/China/Korea	SCL-95-013, DA 96-1608	September 25, 1996	11 FCC Rcd 11888 (1996)

* AmeriCan-1 has upgraded its capacity from 36 fibers to 48 fibers (or 24 pairs of 10 Gbps per pair), see SCL-AMD-19980831-00015, DA 98-2569, rel. December 21, 1998.

** These cables have been granted licenses, but these projects have missed their targeted in-service dates. We, therefore, have removed these cables from our capacity chart, Table 7 of pages 32 and 33.

Note: Because another two announced projects - AC-2 and SAm-1, with potential capacity of 2.5 terabits and 1.28 terabits respectively in 2001, have not filed its landing license with the FCC, they are not included in Table 7 for 1998 report.

TABLE 7 - Trans-Ocean Fiber Optic Cable Capacity

Table 7 - Continued - Total construction cost sources:

Cable	Source
<p>Trans - Atlantic - Operational</p> <p>TAT-8 PTAT TAT-9 TAT-10 TAT-11 TAT-12/13 CANTAT-3 Columbus II CANUS-1 Atlantic Crossing (AC-1) Gemini</p> <p>Planned:</p> <p>Columbus III OXYGEN (USA) TAT-14 FLAG Atlantic - 1 Hibernia Level 3</p>	<p>98 FCC 2 nd 447 (1984) 100 FCC 2 nd 1036 (1985) 4 FCC Rcd 1130 (1989) 7 FCC Rcd 445 (1992) 7 FCC Rcd 136 (1992) 8 FCC Rcd 4811 (1993) www.athens.actinc.bc.ca/ACT/news.oct/cable.html, downloaded 3/10/1997. Application, filed on November 10, 1992, File No. ITC-93-029 n.a. www.submarinesystems.com/tssl/newswire/netherlands.htm, downloaded 12/15/99. www.cwplc.com/press/1996/p96oct28.htm, downloaded 6/18/1998.</p> <p>www.att.com/press/0298/980211.cia.html, downloaded 7/1/1998. www.oxygen.org/oxygen_facts.html, downloaded 12/08/1999. www.francetelecomna.com/nr/nr_prre/nr_prre_9-2-98_tat.htm, downloaded 12/14/1999. www.flagatlantic.com/gts_and_flag_131099.htm, downloaded 12/14/1999. www.worldwidefiber.com/html/news_14july1999.html, downloaded 11/29/1999. www.simplextech.com/news/pr990511.html, downloaded 12/01/1999.</p>
<p>Americas - Operational:</p> <p>Americas I TCS-1 Taino-Carb BAHAMAS II Antillas I Pan American Cable System</p> <p>Planned:</p> <p>AmeriCan-1 * Americas II MAC-1 PAC-1 ARCOS-1 (Americas Region Caribbean Righ System) MAYA - 1 Atlantica-1 SAC</p>	<p>Application, filed on November 10, 1992, File No. ITC-93-030 5 FCC Rcd 101 (1990) 7 FCC Rcd 4275 (1992) n.a. n.a. www.twoten.press.net/stories/headlines/BUSINESS_mci_Cable.html, download 2/27/98</p> <p>n.a. www.investors.tycoint.com/news/19980302-5261.htm, downloaded 12/15/1999. www.alcatel.com/press/current/1998/06_09.htm, downloaded 12/14/1999. www.investors.tycoint.com/news/19980722-5277.htm, downloaded 12/15/1999. n.a. www.alcatel.com/press/current/1998/09_22.htm, downloaded 12/14/1999. n.a. www.alcatel.com/press/current/1999/08_17.htm, downloaded 12/14/1999.</p>
<p>Trans-Pacific: Operational -</p> <p>HAW-4/TPC-3 NPC TPC-4 PacRimWest PacRimEast HAW-5 TPC-5</p> <p>Planned:</p> <p>Southern Cross China - U.S. Cable Network PC-1 Guam-Philippines Cable OXYGEN (USA) Japan - U.S. CN</p>	<p>Application, filed on September 4, 1985, File No. ITC-85-219. n.a. 4 FCC Rcd 8043 (1989) 5 FCC Rcd 7362 (1990) 5 FCC Rcd 7332 (1990) 5 FCC Rcd 7344 (1990) 7 FCC Rcd 7758 (1992)</p> <p>www.alcatel.com/telecom/mbd/publi/newslink/9804/new_unde.htm, downloaded 12/14/1999. www.att.com/press/1297/971211.cia.html, downloaded 3/24/98. www.investors.tycoint.com/news/19980512-5267.htm, downloaded 12/14/1999. n.a. www.oxygen.org/oxygen_facts.html, downloaded 12/08/1999. www.alcatel.com/telecom/mbd/publi/newslink/9804/new_unde.htm, downloaded 12/14/1999.</p>