

**2016 Circuit Capacity Data For U.S.-International Submarine Cables
Version 2 - November 2018***

Table	1	Section 43.62 Circuit Capacity Filers (2016)
Table	2	Submarine Cable Operator Filers (2016)
Table	3	Submarine Cable Operator Reports (in Gbps) (2016/2018)
Table	4	Submarine Cable Operator Capacity Trend Data (in Gbps)
Table	5	Submarine Cable Capacity Holder Reports by Region (2016)
Table	6	Percentage of Total Available Capacity Reported (2016)
Attachment	A	Information regarding U.S.- international submarine cables' landing points sorted by region, cable, and foreign landing point
Attachment	B	Information regarding U.S.- international submarine cables' landing points sorted by region, foreign landing point, and cable
Attachment	C	Information regarding U.S.- international submarine cables' landing points sorted by number of landing points, country and region, and a frequency table summarizing foreign landing points

Source: International Bureau, Federal Communications Commission

For definitions of terms and instructions on filing procedures, please refer to the [Filing Manual](#).

* This version includes updated submarine circuit capacity holder data submitted after the 2016 data were released on June 19, 2018. Updated data are reflected in Tables 5 and 6.

Table 1
Section 43.62 Circuit Capacity Filers (2016)

No.	Entities	Submarine Cable Operator	Submarine Cable Capacity Holder
1	America Europe Connect Licenses Limited	ü	ü
2	American Samoa Hawaii Cable, LLC	ü	ü
3	Antilles Crossing-St. Croix, Inc.	ü	ü
4	ARCOS-1 USA, Inc.	ü	ü
5	AST Telecom, LLC d/b/a Bluesky		ü
6	AT&T Corp.	ü	ü
7	Australia-Japan Cable (Guam) Limited	ü	ü
8	Bharti Airtel Limited		ü
9	Bharti Airtel (USA) Ltd.		ü
10	BIG		ü
11	BT Americas Inc.		ü
12	Cable and Wireless Americas Systems Inc.	ü	ü
13	Caribbean Crossings Ltd.	ü	ü
14	CAT Telecom Public Company Limited		ü
15	Cedar Cable Ltd.	ü	ü
16	CenturyLink Communications, LLC		ü
17	China Telecom (Americas) Corporation		ü
18	China Telecom (Americas) Corporation		ü
19	China Telecommunications Corporation		ü
20	China United Network Communications Group Company Limited		ü
21	Chunghwa Telecom Co., Ltd.		ü
22	Claro Chile, S.A.		ü
23	Columbus Networks USA, Inc.	ü	ü
24	CWC New Cayman Ltd.	ü	ü
25	DOCOMO PACIFIC, INC.		ü
26	France Telecom Long Distance USA, LLC		ü
27	Global Caribbean Network	ü	ü
28	Globenet Cabos Sumari s America, Inc.	ü	ü
29	GTI Corporation		ü
30	GU Holdings Inc.	ü	ü
31	Hibernia Atlantic U.S. LLC	ü	ü
32	KDDI America, Inc.		ü
33	KT Corporation		ü
34	Latam Telecommunications, L.L.C.	ü	ü
35	Ledcor Industries (USA) Inc.	ü	ü
36	Level 3 Communications, LLC	ü	ü
37	Lightower Fiber Networks II, LLC		ü
38	Marine Cable Corporation		ü
39	MCI Communications Corporation	ü	ü
40	Megaport (USA), Inc.		ü
41	New Century InfoComm Tech Co Ltd		ü

42	NTT America, Inc.		ü
43	NTT Communications Corporation		ü
44	OPT Ho tua Division (U.S.)	ü	ü
45	Orange Business Services U.S. Inc		ü
46	Pacific Carriage Ltd	ü	ü
47	PC Landing Corp.	ü	ü
48	Philippine Long Distance Telephone Company		ü
49	PPC 1 Limited	ü	ü
50	PREPA Networks, LLC		ü
51	PTI Pacifica Inc.		ü
52	PT Telekomunikasi Indonesia International		ü
53	Puerto Rico Telephone Company, Inc.		ü
54	Reliance Globalcom Limited	ü	ü
55	Singapore Telecom USA, Inc.		ü
56	SMITCOMS, Inc.	ü	ü
57	Sprint Communications, Inc.	ü	ü
58	StarHub Ltd		ü
59	TA Resources N.V.		ü
60	Tata Communications (America) Inc.	ü	ü
61	TeleGuam Holdings, LLC		ü
62	Telekom Malaysia Bhd		ü
63	Telia Carrier U.S. Inc.		ü
64	Telstra Incorporated	ü	ü
65	Telxius Cable USA, Inc.	ü	ü
66	TI Sparkle North America, Inc.		ü
67	Truestone, LLC	ü	ü
68	T-Systems North America, Inc.		ü
69	VNPT		ü
70	Zayo Canada Inc. f/k/a Allstream Inc.		ü
71	Zayo Group, LLC		ü
	Total	30	71

Table 2
Submarine Cable Operator Filers (2016)

No.	Entities	Cable Reports
1	America Europe Connect Licenses Limited	1
2	American Samoa Hawaii Cable, LLC	1
3	Antilles Crossing-St. Croix, Inc.	1
4	ARCOS-1 USA, Inc.	1
5	AT&T Corp.	9
6	Australia-Japan Cable (Guam) Limited	1
7	Cable and Wireless Americas Systems Inc.	1
8	Caribbean Crossings Ltd.	1
9	Cedar Cable Ltd.	1
10	Columbus Networks USA, Inc.	1
11	CWC New Cayman Ltd.	1
12	Global Caribbean Network	1
13	Globenet Cabos Sumarinos America, Inc..	1
14	GU Holdings Inc.	2
15	Hibernia Atlantic U.S. LLC	1
16	Latam Telecommunications, L.L.C.	1
17	Ledcor Industries (USA) Inc.	1
18	Level 3 Communications, LLC	4
19	MCI Communications Corporation	1
20	OPT Honotua Division (U.S.)	1
21	Pacific Carriage Ltd.	1
22	PC Landing Corp.	1
23	PPC 1 Limited	1
24	Reliance Globalcom Limited	1
25	SMITCOMS, Inc.	1
26	Sprint Communications, Inc.	2
27	Tata Communications (America) Inc.	2
28	Telstra Incorporated	1
29	Telxius Cable USA, Inc.	2
30	Truestone, LLC	1
	Total No. of Submarine Cable Operator Reports	45

Table 3
Submarine Cable Operator Reports (in Gbps) (2016/2018)

No.	Cable System	Available Capacity as of 12/31/2016	Planned Capacity as of 12/31/2018
	Americas Region		
1	America Movil Submarine Cable System (AMX1)	4,660.0	6,540.0
2	AmeriCan-1	1,467.5	1,877.5
3	Americas II	960.0	1,070.0
4	Antillas 1	90.0	90.0
5	Antilles Crossing	320.0	320.0
6	ARCOS-1	*	*
7	BAHAMAS II	60.0	60.0
8	Bahamas Internet Cable Network (BICS)	100.0	140.0
9	Challenger Bermuda (CB-1)	*	*
10	CFX-1 Cable System	*	*
11	Gemini Bermuda System	*	*
12	Global Caribbean Network (GCN)	*	*
13	GlobeNet	*	*
14	Maya-1	*	*
15	Pan American Crossing Cable (PAC)	*	*
16	Pacific Caribbean Cable System (PCCS)	*	*
17	Pan American Cable System	140.0	140.0
18	South American Crossing (SAC)	*	*
19	South America-1 (SAm-1)	*	*
20	Saint Maarten Puerto Rico Network One (SMPR-1)	*	*
21	Taino-Carib	120.0	120.0
	Total	42,347.5	52,717.5
	Atlantic Region		
1	AEConnect Cable Network	*	*
2	Apollo Cable	*	*
3	Atlantic Crossing (AC-1)	*	*
4	Columbus III	160.0	160.0
5	FLAG Atlantic-1	*	*
6	Hibernia Atlantic	*	*
7	TAT-14	*	*
8	TGN-Atlantic	*	*
9	Yellow (includes AC-2)	*	*
	Total	137,160.0	174,410.0
	Pacific Region		
1	American Samoa Hawaii Cable	*	*
2	Asia America Gateway (AAG)	6,610.0	8,100.0
3	Australia-Japan Cable (Guam)	*	*
4	FASTER Cable	*	*

5	GOKI	0.0	10.0
6	HANTRU1	*	*
7	Honotua Cable System	*	*
8	Japan-U.S. Cable Network	7,240.0	7,970.0
9	Pacific Crossing-1 (PC-1)	*	*
10	PIPE Pacific Cable-1 (PPC 1)	*	*
11	Southern Cross	*	*
12	Telstra Endeavor	*	*
13	TGN-Pacific	*	*
14	Trans-Pacific Express Cable System (TPE)	3,230.0	4,930.0
15	Unity Cable System	*	*
	Total	95,894.0	105,144.0
	All Regions		
	Americas	42,347.5 (15%)	52,717.5 (16%)
	Atlantic	137,160.0 (50%)	174,410.0 (52%)
	Pacific	95,894.0 (35%)	105,144.0 (32%)
	Total	275,401.5	332,271.5

* Filer requested confidential treatment of its Submarine Cable Operator Report data.

Table 4
Submarine Cable Operator Capacity Trend Data (in Gbps)

CABLES	2007*	2008*	2009*	2010*	2011*	2012*	2013*	2014	2015	2016	Planned 2018
AMERICAS REGION											
America Móvil Submarine Cable System (AMX1)								1,640	2,800	4,660	6,540
AmeriCan-1	159.3	159.3	159.3	159.3	159.3	159	159	1,163	1,168	1,467.5	1,877.5
Americas II	80	80	80	520	780	820	850	850	920	960	1,070
Antillas 1	5	5	10	20	20	60	60	90	90	90	90
Antilles Crossing	30	20	20	20	30	30	40	80	***	320	320
ARCOS-1 ***	80	120	210	240	290	350	450	1,468	***	***	***
BAHAMAS II	2.5	2.5	2.5	2.5	2.5	60	60	60	60	60	60
Bahamas Internet Cable Network (BICS)	12.5	12.5	12.5	22.5	22.5	20	40	60	60	100	140
Challenger Bermuda (CB-1)***		20	20	20	20	20	20	20	***	***	***
CFX-1 Cable System***		100	110	500	560	610	1,040	1,580	***	***	***
Gemini Bermuda System***		40	40	70	80	80	140	160	***	***	***
Global Caribbean Network (GCN)***	20	20	20	20	40	40	40	60	70	***	***
GlobeNet ***	80	140	720	720	2,080	2,080	2,400	2,400	***	***	***
MAYA -1***	65	145	145	145	145	145	145	980	***	***	***
Monet											
Pan American Crossing Cable (PAC)***	50	65	95	150	310	460	790	800	***	***	***
Pacific-Caribbean Cable System (PCCS)									950	***	***
Pan American Cable System	5	5	5.0	140	140	140	140	140	140	140	140
South American Crossing (SAC)***	200	200	320	530	620	935	1,600	4,260	***	***	***
South America-1 (SAM-1)***	160	440	960	1,300	1,700	2,100	2,700	4,400	5,100	***	***
Seabras-1*											
Saint Maarten Puerto Rico Network One (SMPR-1)***	2.5	2.5	2.5	2.5	2.6	3	3	10	10	***	***
Taino-Carib	1.9	1.9	1.9	70	70	70	110	110	110	120	120
Total	953.6	1,578.6	2,933.6	4,651.8	7,071.9	8,182	10,787	20,331	28,057.5	42,347.5	52,717.5
ATLANTIC REGION											
AE Connect Cable Network/Emerald Express***									***	***	***
AC-2 **	400	400	400	400	1,130	1,250	1,750				
Apollo Cable***	1,280	2,280	2,860	3,100	3,150	3,420	3,510	6,100	***	***	***
Atlantic Crossing (AC-1)***	635	815	1,165	1,455	1,500	1,760	2,100	2,350	***	***	***
Columbus III	40	40	160	160	160	160	160	160	160	160	160
FLAG Atlantic -1***	1,240	1,480	1,640	2,200	2,280	2,830	3,560	4,430	6,130	***	***
Hibernia Atlantic 1***	360	360	360	360	2,000	2,750	3,750	14,400	***	***	***
TAT-14***	1,280	1,280	1,870	1,870	1,870	2,250	2,990	4,420	***	***	***
TGN-Atlantic	460	1,040	1,460	1,560	1,770	2,810	3,010	3,150	6,310	***	***
Yellow Cable System**/***	320	500	900	1,780	1,780	1,860	1,750	3,420	***	***	***
Total	6,015	8,195	10,815	12,885	15,640	19,090	22,580	38,430	47,920	137,160	174,140
PACIFIC REGION											
American Samoa Hawaii Cable***			1	1	1	1	1	1	1.2	***	***
Asia America Gateway Consortium (AAG)			540	540	580	1,540	1,540	2,180	4,210	6,610	8,100
Australia-Japan Cable (Guam)***	160	520	520	520	640	1,200	1,480	1,760	***	***	***
China-U.S. Cable Network	160	160	160	160	160	160	160	160			
FASTER Cable***										***	***
GOKI											10
HANTRU1***				40	40	40	40	20	***	***	***
Honotua Cable System***				20	20	20	20	20	40	***	***
Japan-U.S. Cable Network	800	1,900	2,180	2,300	2,500	2,530	4,630	5,380	6,850	7,240	7,970
Pacific Crossing-1 (PC-1)***	360	960	1,030	1,430	1,800	1,800	2,900	2,780	***	***	***
PIPE Pacific Cable-1 (PPC-1)***			140	140	140	140	140	700	***	***	***
Southern Cross***	480	860	860	1,240	1,240	1,640	2,700	3,500	***	***	***
Telestra Endeavour ***		80	80	160	300	300	600	580	***	***	***
TGN-Pacific***	1,880	2,760	3,140	3,140	3,140	3,660	4,350	5,520	6,430	***	***
Trans-Pacific Express Cable System (TPE)		1,280	1,280	1,870	1,870	2,040	2,200	2,200	2,200	3,230	4,930
Unity Cable System***				2,380	2,380	2,700	4,020	7,220	***	***	***
Total	3,840	8,520	9,931	13,941	14,811	17,771	24,781	32,021	43,783	95,894	105,144
REGIONAL CAPACITY											
Americas	954	1,579	2,934	4,652	7,072	8,182	10,787	20,331	28,058	42,347.5	52,717.5
Atlantic	6,015	8,195	10,815	12,885	15,640	19,090	22,580	38,430	47,920	137,160	174,140
Pacific	3,840	8,520	9,931	13,941	14,811	17,771	24,781	32,021	43,783	95,894	105,144
Total	10,809	18,294	23,680	31,478	37,523	45,043	58,148	90,782	119,761	275,401.5	332,271.5
NUMBER OF CABLES IN SERVICE											
Americas	16	19	19	19	19	19	19	20	21	21	23
Atlantic	8	8	8	8	8	8	8	8	9	9	9
Pacific	6	8	11	14	14	14	14	14	14	14	15
Total	30	35	38	41	41	41	41	42	44	44	47
GROWTH RATE RELATIVE TO PREVIOUS YEAR											
Americas		65.5%	85.8%	58.6%	52.0%	15.7%	31.8%	88.5%	38.0%	50.9%	
Atlantic		36.2%	32.0%	19.1%	21.4%	22.1%	18.3%	70.2%	24.7%	186.2%	
Pacific		121.9%	16.6%	40.4%	6.2%	20.0%	39.4%	29.2%	36.7%	119.0%	
Total		69.3%	29.4%	32.9%	19.2%	20.0%	29.1%	56.1%	31.9%	130.0%	

COMPOUND ANNUAL GROWTH RATE FOR 2007-2016										
Americas	52.4%									
Atlantic	41.5%									
Pacific	43.0%									
Total	43.3%									
FORECAST COMPOUND ANNUAL GROWTH RATE (2016-2018)										
Americas	11.6%									
Atlantic	12.8%									
Pacific	4.7%									
Total	9.8%									
<p>* Data extracted from 2013 43.82 Report. Cables that are no longer in operation as of the date of this Report are not included in this table. The China-U.S. Cable Network was retired in 2016. The Seabras-1 and Monet Cable Systems were not in service in 2016.</p> <p>** Yellow Cable System and AC-2 are components of a single cable system owned by Level 3.</p> <p>*** Filer requested confidential treatment of its Submarine Cable Operator Report data.</p>										

**Table 5
Submarine Cable Capacity Holder Reports by Region (2016)**

Capacity Holders in STM-1 Units*						
Cable Region	Owned Capacity	Net IRUs	Net Inter-Carrier Leaseholds	Net Capacity Held	Activated Capacity	Non-Activated Capacity
	(a)	(b)	(c)	(d)=(a)+(b)+(c)=(e)+(f)	(e)	(f)
Americas	260,538.9	(45,766.0)	(23,763.2)	191,009.7	161,022.6	29,987.1
Atlantic	874,182.7	(126,622.9)	(75,644.2)	671,915.6	275,802.7	396,112.9
Pacific	413,690.0	17,106.3	(1,365.3)	429,431.0	369,652.6	59,778.4
Total	1,548,411.6	(155,282.6)	(100,772.7)	1,292,356.3	806,477.9	485,878.4
Capacity Holders in Gbps Units						
Conversion Ratio: 1 Gbps= 6.4 STM-1s						
Cable Region	Owned Capacity	Net Capacity Held	Activated	Non-Activated	Activated %	Non-Activated %
Americas	40,709.2	29,845.3	25,159.8	4,685.5	84.3	15.7
Atlantic	136,591.0	104,986.8	43,094.2	61,892.6	41.0	59.0
Pacific	64,639.1	67,098.6	57,758.2	9,340.4	86.1	13.9
Total	241,939.3	201,930.7	126,012.2	75,918.5	62.4	37.6

* Capacity holder data are reported in STM-1 (Synchronous Transport Module level-1) units, the standard commercial unit for the sale and leasing of capacity.

Table 6
Percentage of Total Available Capacity Reported (2016)

Cable Region	Submarine Cable Operator Reports (Gbps) (Available Capacity)	Submarine Cable Capacity Holder Reports (Gbps) (Owned Capacity)	Discrepancy	Percent Captured by Holder Reports	Percent Not Captured by Holder Reports
Americas	42,347.5	40,709.2	1,638.3	96.1	3.9
Atlantic	137,160.0	136,591.0	569.0	99.6	0.4
Pacific	95,894.0	64,639.1	31,254.9	67.4	32.6
Total	275,401.5	241,939.3	33,462.2	87.8	12.2

Attachment A
U.S International Submarine Cables - Landing Points
Sorted by Region, Cable, and Foreign Landing Point

No.	Region	Cable Name	Foreign Landing Point
1	Americas	América Móvil Submarine Cable System (AMX1)	Brazil
2	Americas	América Móvil Submarine Cable System (AMX1)	Colombia
3	Americas	América Móvil Submarine Cable System (AMX1)	Dominican Republic
4	Americas	América Móvil Submarine Cable System (AMX1)	Guatemala
5	Americas	América Móvil Submarine Cable System (AMX1)	Mexico
6	Americas	AmeriCan-1	Canada
7	Americas	Americas II	Brazil
8	Americas	Americas II	Curaçao
9	Americas	Americas II	French Guiana
10	Americas	Americas II	Martinique
11	Americas	Americas II	Trinidad
12	Americas	Americas II	Venezuela
13	Americas	Antillas 1	Dominican Republic
14	Americas	Antilles Crossing	Barbados
15	Americas	Antilles Crossing	Saint Lucia
16	Americas	ARCOS-1	Bahamas
17	Americas	ARCOS-1	Belize
18	Americas	ARCOS-1	Colombia
19	Americas	ARCOS-1	Costa Rica
20	Americas	ARCOS-1	Curaçao
21	Americas	ARCOS-1	Dominican Republic
22	Americas	ARCOS-1	Guatemala
23	Americas	ARCOS-1	Honduras
24	Americas	ARCOS-1	Mexico
24	Americas	ARCOS-1	Nicaragua
26	Americas	ARCOS-1	Panama
27	Americas	ARCOS-1	Turks and Caicos Islands
28	Americas	ARCOS-1	Venezuela
29	Americas	BAHAMAS II	Bahamas
30	Americas	Bahamas Internet Cable Network (BICS)	Bahamas
31	Americas	CFX-1 Cable System	Colombia
32	Americas	CFX-1 Cable System	Jamaica
33	Americas	Challenger- Bermuda (CB-1)	Bermuda
34	Americas	Gemini Bermuda System	Bermuda
35	Americas	Global Caribbean Network (GCN)	Guadeloupe
36	Americas	Global Caribbean Network (GCN)	Saint Barthelemy
37	Americas	Global Caribbean Network (GCN)	Saint Martin
38	Americas	GlobeNet	Bermuda
39	Americas	GlobeNet	Brazil
40	Americas	GlobeNet	Colombia
41	Americas	GlobeNet	Venezuela
42	Americas	Hibernia Atlantic	Canada
43	Americas	Maya-1	Cayman Islands
44	Americas	Maya-1	Colombia
45	Americas	Maya-1	Costa Rica
46	Americas	Maya-1	Honduras
47	Americas	Maya-1	Mexico
48	Americas	Maya-1	Panama
49	Americas	Pacific Caribbean Cable System (PCCS)	Aruba
50	Americas	Pacific Caribbean Cable System (PCCS)	British Virgin Islands
51	Americas	Pacific Caribbean Cable System (PCCS)	Colombia
52	Americas	Pacific Caribbean Cable System (PCCS)	Ecuador
53	Americas	Pacific Caribbean Cable System (PCCS)	Panama

Attachment A
U.S International Submarine Cables - Landing Points
Sorted by Region, Cable, and Foreign Landing Point

No.	Region	Cable Name	Foreign Landing Point
1	Pacific	American Samoa Hawaii Cable	Samoa
2	Pacific	Asia America Gateway (AAG)	Brunei
3	Pacific	Asia America Gateway (AAG)	Hong Kong
4	Pacific	Asia America Gateway (AAG)	Malaysia
5	Pacific	Asia America Gateway (AAG)	Philippines
6	Pacific	Asia America Gateway (AAG)	Singapore
7	Pacific	Asia America Gateway (AAG)	Thailand
8	Pacific	Asia America Gateway (AAG)	Vietnam
9	Pacific	Australia-Japan Cable (Guam)	Australia
10	Pacific	Australia-Japan Cable (Guam)	Japan
11	Pacific	FASTER	Japan
12	Pacific	FASTER	Taiwan
13	Pacific	Honotua Cable System	French Polynesia
14	Pacific	Japan-U.S. Cable Network	Japan
15	Pacific	Pacific Crossing-1 (PC-1)	Japan
16	Pacific	PIPE Pacific Cable-1 (PPC 1)	Australia
17	Pacific	PIPE Pacific Cable-1 (PPC 1)	Papua New Guinea
18	Pacific	Southern Cross	Australia
19	Pacific	Southern Cross	Fiji
20	Pacific	Southern Cross	New Zealand
21	Pacific	Telstra Endeavor	Australia
22	Pacific	TGN-Pacific	Japan
23	Pacific	Trans-Pacific Express Cable System (TPE)	China
24	Pacific	Trans-Pacific Express Cable System (TPE)	Japan
25	Pacific	Trans-Pacific Express Cable System (TPE)	South Korea
26	Pacific	Trans-Pacific Express Cable System (TPE)	Taiwan
27	Pacific	Unity Cable System	Japan
127	Total Landing Points		

Source: FCC records

Attachment A
U.S International Submarine Cables - Landing Points
Sorted by Region, Cable, and Foreign Landing Point

No.	Region	Cable Name	Foreign Landing Point
-----	--------	------------	-----------------------

Attachment B
U.S International Submarine Cables - Landing Points
Sorted by Region, Foreign Landing Point, and Cable

No.	Region	Foreign Landing Point	Cable Name
1	Americas	Argentina	South American Crossing (SAC)
2	Americas	Argentina	South America-1 (SAm-1)
3	Americas	Aruba	Pan American Cable System
4	Americas	Aruba	Pacific Caribbean Cable System (PCCS)
5	Americas	Bahamas	ARCOS-1
6	Americas	Bahamas	BAHAMAS II
7	Americas	Bahamas	Bahamas Internet Cable Network (BICS)
8	Americas	Barbados	Antilles Crossing
9	Americas	Belize	ARCOS-1
10	Americas	Bermuda	Challenger Bermuda (CB-1)
11	Americas	Bermuda	Gemini Bermuda System
12	Americas	Bermuda	GlobeNet
13	Americas	Brazil	América Móvil Submarine Cable System (AMX1)
14	Americas	Brazil	Americas II
15	Americas	Brazil	GlobeNet
16	Americas	Brazil	South American Crossing (SAC)
17	Americas	Brazil	South America-1 (SAm-1)
18	Americas	British Virgin Islands	Pacific Caribbean Cable System (PCCS)
19	Americas	British Virgin Islands	Taino-Carb
20	Americas	Canada	AmeriCan-1
21	Americas	Canada	Hibernia Atlantic
22	Americas	Cayman Islands	Maya-1
23	Americas	Chile	Pan American Cable System
24	Americas	Chile	South American Crossing (SAC)
24	Americas	Chile	South America-1 (SAm-1)
26	Americas	Colombia	América Móvil Submarine Cable System (AMX1)
27	Americas	Colombia	ARCOS-1
28	Americas	Colombia	CFX-1 Cable System
29	Americas	Colombia	GlobeNet
30	Americas	Colombia	Maya-1
31	Americas	Colombia	Pan American Cable System
32	Americas	Colombia	South American Crossing (SAC)
33	Americas	Colombia	South America-1 (SAm-1)
34	Americas	Colombia	Pacific Caribbean Cable System (PCCS)
35	Americas	Costa Rica	ARCOS-1
36	Americas	Costa Rica	Maya-1
37	Americas	Costa Rica	Pan American Crossing Cable (PAC)
38	Americas	Curaçao	Americas II
39	Americas	Curaçao	ARCOS-1
40	Americas	Dominican Republic	América Móvil Submarine Cable System (AMX1)
41	Americas	Dominican Republic	Antillas 1
42	Americas	Dominican Republic	ARCOS-1
43	Americas	Ecuador	Pan American Cable System
44	Americas	Ecuador	South America-1 (SAm-1)
45	Americas	Ecuador	Pacific Caribbean Cable System (PCCS)
46	Americas	French Guiana	Americas II
47	Americas	Guadeloupe	Global Caribbean Network (GCN)
48	Americas	Guatemala	América Móvil Submarine Cable System (AMX1)
49	Americas	Guatemala	ARCOS-1
50	Americas	Guatemala	South America-1 (SAm-1)
51	Americas	Honduras	ARCOS-1
52	Americas	Honduras	Maya-1
53	Americas	Jamaica	CFX-1 Cable System

Attachment B
U.S International Submarine Cables - Landing Points
Sorted by Region, Foreign Landing Point, and Cable

No.	Region	Foreign Landing Point	Cable Name
54	Americas	Martinique	Americas II
55	Americas	Mexico	América Móvil Submarine Cable System (AMX1)
56	Americas	Mexico	ARCOS-1
57	Americas	Mexico	Maya-1
58	Americas	Mexico	Pan American Crossing Cable (PAC)
59	Americas	Netherlands Antilles	Saint Maarten Puerto Rico Network One (SMPR-1)
60	Americas	Nicaragua	ARCOS-1
61	Americas	Panama	ARCOS-1
62	Americas	Panama	Maya-1
63	Americas	Panama	Pan American Crossing Cable (PAC)
64	Americas	Panama	Pan American Cable System
65	Americas	Panama	South American Crossing (SAC)
66	Americas	Panama	Pacific Caribbean Cable System (PCCS)
67	Americas	Peru	Pan American Cable System
68	Americas	Peru	South American Crossing (SAC)
69	Americas	Peru	South America-1 (SAm-1)
70	Americas	Saint Barthelemy	Global Caribbean Network (GCN)
71	Americas	Saint Lucia	Antilles Crossing
72	Americas	Saint Martin	Global Caribbean Network (GCN)
73	Americas	Sint Maarten	Saint Maarten Puerto Rico Network One (SMPR-1)
74	Americas	Trinidad	Americas II
75	Americas	Turks and Caicos Islands	ARCOS-1
76	Americas	Venezuela	Americas II
77	Americas	Venezuela	ARCOS-1
78	Americas	Venezuela	GlobeNet
79	Americas	Venezuela	Pan American Crossing Cable (PAC)
80	Americas	Venezuela	Pan American Cable System
1	Atlantic	Denmark	TAT-14
2	Atlantic	France	Apollo Cable
3	Atlantic	France	FLAG Atlantic-1
4	Atlantic	France	TAT-14
5	Atlantic	Germany	Atlantic Crossing (AC-1)
6	Atlantic	Germany	TAT-14
7	Atlantic	Iceland	AE Connect
8	Atlantic	Ireland	AE Connect
9	Atlantic	Ireland	Hibernia Atlantic
10	Atlantic	Italy	Columbus III
11	Atlantic	Netherlands	TAT-14
12	Atlantic	Portugal	Columbus III
13	Atlantic	Spain	Columbus III
14	Atlantic	United Kingdom	Apollo Cable
15	Atlantic	United Kingdom	Atlantic Crossing (AC-1)
16	Atlantic	United Kingdom	FLAG Atlantic-1
17	Atlantic	United Kingdom	Hibernia Atlantic
18	Atlantic	United Kingdom	Level 3
19	Atlantic	United Kingdom	TAT-14
20	Atlantic	United Kingdom	TGN-Atlantic

Attachment B
U.S International Submarine Cables - Landing Points
Sorted by Region, Foreign Landing Point, and Cable

No.	Region	Foreign Landing Point	Cable Name
1	Pacific	Australia	Australia-Japan Cable (Guam)
2	Pacific	Australia	PIPE Pacific Cable-1 (PPC 1)
3	Pacific	Australia	Southern Cross
4	Pacific	Australia	Telstra Endeavor
5	Pacific	Brunei	Asia America Gateway (AAG)
6	Pacific	China	Trans-Pacific Express Cable System (TPE)
7	Pacific	Fiji	Southern Cross
8	Pacific	French Polynesia	Honotua Cable System
9	Pacific	Hong Kong	Asia America Gateway (AAG)
10	Pacific	Japan	Australia-Japan Cable (Guam)
11	Pacific	Japan	FASTER
12	Pacific	Japan	Japan-U.S. Cable Network
13	Pacific	Japan	Pacific Crossing-1 (PC-1)
14	Pacific	Japan	TGN-Pacific
15	Pacific	Japan	Trans-Pacific Express Cable System (TPE)
16	Pacific	Japan	Unity Cable System
17	Pacific	South Korea	Trans-Pacific Express Cable System (TPE)
18	Pacific	Malaysia	Asia America Gateway (AAG)
19	Pacific	New Zealand	Southern Cross
20	Pacific	Papua New Guinea	PIPE Pacific Cable-1 (PPC 1)
21	Pacific	Philippines	Asia America Gateway (AAG)
22	Pacific	Samoa	American Samoa Hawaii Cable
23	Pacific	Singapore	Asia America Gateway (AAG)
24	Pacific	Taiwan	FASTER
25	Pacific	Taiwan	Trans-Pacific Express Cable System (TPE)
26	Pacific	Thailand	Asia America Gateway (AAG)
27	Pacific	Vietnam	Asia America Gateway (AAG)
127	Total Landing Points		

Source: FCC records

Attachment B
U.S International Submarine Cables - Landing Points
Sorted by Region, Foreign Landing Point, and Cable

No.	Region	Foreign Landing Point	Cable Name
-----	--------	-----------------------	------------

Attachment C
U.S. International Submarine Cables - Countries
Sorted by the Number of Landing Points, Country, and Region

No. of Cables Lande d	Country	Region
9	Colombia	Americas
7	Japan	Pacific
7	United Kingdom	Atlantic
6	Panama	Americas
5	Brazil	Americas
5	Venezuela	Americas
4	Australia	Pacific
4	Mexico	Americas
3	Bahamas	Americas
3	Bermuda	Americas
3	Chile	Americas
3	Costa Rica	Americas
3	Dominican Republic	Americas
3	Ecuador	Americas
3	France	Atlantic
3	Guatemala	Americas
3	Peru	Americas
2	Argentina	Americas
2	Aruba	Americas
2	British Virgin Islands	Americas
2	Canada	Americas
2	Curaçao	Americas
2	Germany	Atlantic
2	Honduras	Americas
2	Ireland	Atlantic
2	Taiwan	Pacific
1	Barbados	Americas
1	Belize	Americas
1	Brunei	Pacific
1	Cayman Islands	Americas
1	China	Pacific
1	Denmark	Atlantic
1	Fiji	Pacific
1	French Guiana	Americas
1	French Polynesia	Pacific
1	Guadeloupe	Americas
1	Hong Kong	Pacific
1	Iceland	Atlantic
1	Italy	Atlantic
1	Jamaica	Americas
1	South Korea	Pacific

Attachment C
U.S. International Submarine Cables - Countries
Sorted by the Number of Landing Points, Country, and Region

No. of Cables Landed	Country	Region
1	Malaysia	Pacific
1	Martinique	Americas
1	Netherlands	Atlantic
1	Netherlands Antilles	Americas
1	New Zealand	Pacific
1	Nicaragua	Americas
1	Papua New Guinea	Pacific
1	Philippines	Pacific
1	Portugal	Atlantic
1	Saint Barthelemy	Americas
1	Saint Lucia	Americas
1	Saint Martin	Americas
1	Samoa	Pacific
1	Singapore	Pacific
1	Sint Maarten	Americas
1	Spain	Atlantic
1	Thailand	Pacific
1	Trinidad	Americas
1	Turks and Caicos Islands	Americas
1	Vietnam	Pacific

Source: FCC Records

Frequency Table
Summary of Foreign Landing Points

No. of Cables Landed	Americas	Atlantic	Pacific
1	15	6	14
2	6	2	1
3	8	1	
4	1		1
5	2		
6	1		
7		1	1
8			
9	1		

Source: FCC Records