

ANNEX 1 TO THE PROTOCOL

Table 1 - A List of Seismological Stations Comprising the Primary Network

	State Responsible for Station	Location	Latitude	Longitude	Type
1	Argentina	PLCA Paso Flores	40.7 S	70.6 W	3-C
2	Australia	WRA Warramunga, NT	19.9 S	134.3 E	array
3	Australia	ASAR Alice Springs, NT	23.7 S	133.9 E	array
4	Australia	STKA Stephens Creek, SA	31.9 S	141.6 E	3-C
5	Australia	MAW Mawson, Antarctica	67.6 S	62.9 E	3-C
6	Bolivia	LPAZ La Paz	16.3 S	68.1 W	3-C
7	Brazil	BDFB Brasilia	15.6 S	48.0 W	3-C
8	Canada	ULMC Lac du Bonnet, Man.	50.2 N	95.9 W	3-C
9	Canada	YKAC Yellowknife, N.W.T.	62.5 N	114.6 W	array
10	Canada	SCH Schefferville, Quebec	54.8 N	66.8 W	3-C
11	Central African Republic	BGCA Bangui	05.2 N	18.4 E	3-C
12	China	HAI Hailar	49.3 N	119.7 E	3-C > array
13	China	LZH Lanzhou	36.1 N	103.8 E	3-C > array
14	Colombia	XSA El Rosal	04.9 N	74.3 W	3-C
15	Côte d'Ivoire	DBIC Dimbroko	06.7 N	04.9 W	3-C
16	Egypt	LXEG Luxor	26.0 N	33.0 E	array
17	Finland	FINES Lahti	61.4 N	26.1 E	array
18	France	PPT Tahiti	17.6 S	149.6 W	3-C
19	Germany	GEC2 Freyung	48.9 N	13.7 E	array
20	To be determined	To be determined	To be determined	To be determined	To be determined
21	Iran (Islamic Republic of)	THR Tehran	35.8 N	51.4 E	3-C
22	Japan	MJAR Matsushiro	36.5 N	138.2 E	array
23	Kazakstan	MAK Makanchi	46.8 N	82.0 E	array
24	Kenya	KMBO Kilimambogo	01.1 S	37.2 E	3-C

	State Responsible for Station	Location	Latitude	Longitude	Type
25	Mongolia	JAVM Javhlant	48.0 N	106.8 E	3-C > array
26	Niger	New Site	to be determined	to be determined	3-C > array
27	Norway	NAO Hamar	60.8 N	10.8 E	array
28	Norway	ARAO Karasjok	69.5 N	25.5 E	array
29	Pakistan	PRPK Pari	33.7 N	73.3 E	array
30	Paraguay	CPUP Villa Florida	26.3 S	57.3 W	3-C
31	Republic of Korea	KSRS Wonju	37.5 N	127.9 E	array
32	Russian Federation	KBZ Khabaz	43.7 N	42.9 E	3-C
33	Russian Federation	ZAL Zalesovo	53.9 N	84.8 E	3-C > array
34	Russian Federation	NRI Norilsk	69.0 N	88.0 E	3-C
35	Russian Federation	PDY Peleduy	59.6 N	112.6 E	3-C > array
36	Russian Federation	PET Petropavlovsk-Kamchatskiy	53.1 N	157.8 E	3-C > array
37	Russian Federation	USK Ussuriysk	44.2 N	132.0 E	3-C > array
38	Saudi Arabia	New Site	to be determined	to be determined	array
39	South Africa	BOSA Boshof	28.6 S	25.6 E	3-C
40	Spain	ESDC Sonseca	39.7 N	04.0 W	array
41	Thailand	CMTO Chiang Mai	18.8 N	99.0 E	array
42	Tunisia	THA Thala	35.6 N	08.7 E	3-C
43	Turkey	BRTR Belbashi	39.9 N	32.8 E	array
The array is subject to relocation at Keskin					
44	Turkmenistan	GEYT Alibeck	37.9 N	58.1 E	array
45	Ukraine	AKASG Malin	50.4 N	29.1 E	array
46	United States of America	LJTX Lajitas, TX	29.3 N	103.7 W	array
47	United States of America	MNV Mina, NV	38.4 N	118.2 W	array
48	United States of America	PIWY Pinedale, WY	42.8 N	109.6 W	array
49	United States of America	ELAK Eielson, AK	64.8 N	146.9 W	array
50	United States of America	VNDA Vanda, Antarctica	77.5 S	161.9 E	3-C

Key: 3-C > array: Indicates that the site could start operations in the International Monitoring System as a three-component station and be upgraded to an array at a later time.

Table 1 - B **List of Seismological Stations Comprising the Auxiliary Network**

	State responsiblefor station	Location	Latitude	Longitude	Type
1	Argentina	CFA Coronel Fontana	31.6 S	68.2 W	3-C
2	Argentina	USHA Ushuaia	55.0 S	68.0 W	3-C
3	Armenia	GNI Garni	40.1 N	44.7 E	3-C
4	Australia	CTA Charters Towers, QLD	20.1 S	146.3 E	3-C
5	Australia	FITZ Fitzroy Crossing, WA	18.1 S	125.6 E	3-C
6	Australia	NWAO Narrogin, WA	32.9 S	117.2 E	3-C
7	Bangladesh	CHT Chittagong	22.4 N	91.8 E	3-C
8	Bolivia	SIV San Ignacio	16.0 S	61.1 W	3-C
9	Botswana	LBTB Lobatse	25.0 S	25.6 E	3-C
10	Brazil	PTGA Pitinga	0.7 S	60.0 W	3-C
11	Brazil	RGNB Rio Grande do Norte	6.9 S	37.0 W	3-C
12	Canada	FRB Iqaluit, N.W.T.	63.7 N	68.5 W	3-C
13	Canada	DLBC Dease Lake, B.C.	58.4 N	130.0 W	3-C
14	Canada	SADO Sadowa, Ont.	44.8 N	79.1 W	3-C
15	Canada	BBB Bella Bella, B.C.	52.2 N	128.1 W	3-C
16	Canada	MBC Mould Bay, N.W.T.	76.2 N	119.4 W	3-C
17	Canada	INK Inuvik, N.W.T.	68.3 N	133.5 W	3-C
18	Chile	RPN Easter Island	27.2 S	109.4 W	3-C
19	Chile	LVC Limon Verde	22.6 S	68.9 W	3-C
20	China	BJT Baijiatuan	40.0 N	116.2 E	3-C
21	China	KMI Kunming	25.2 N	102.8 E	3-C
22	China	SSE Sheshan	31.1 N	121.2 E	3-C
23	China	XAN Xi'an	34.0 N	108.9 E	3-C
24	Cook Islands	RAR Rarotonga	21.2 S	159.8 W	3-C
25	Costa Rica	JTS Las Juntas de Abangares	10.3 N	85.0 W	3-C
26	Czech Republic	VRAC Vranov	49.3 N	16.6 E	3-C

	State responsiblefor station	Location	Latitude	Longitude	Type
27	Denmark	SFJ Søndre Strømfjord, Greenland	67.0 N	50.6 W	3-C
28	Djibouti	ATD Arta Tunnel	11.5 N	42.9 E	3-C
29	Egypt	KEG Kottamya	29.9 N	31.8 E	3-C
30	Ethiopia	FURI Furi	8.9 N	38.7 E	3-C
31	Fiji	MSVF Monasavu, Viti Levu	17.8 S	178.1 E	3-C
32	France	NOUC Port Laguerre, New Caledonia	22.1 S	166.3 E	3-C
33	France	KOG Kourou, French Guiana	5.2 N	52.7 W	3-C
34	Gabon	BAMB Bambay	1.7 S	13.6 E	3-C
35	Germany/South Africa	— SANAE Station, Antarctica	71.7 S	2.9 W	3-C
36	Greece	IDI Anogia, Crete	35.3 N	24.9 E	3-C
37	Guatemala	RDG Rabir	15.0 N	90.5 W	3-C
38	Iceland	BORG Borgarnes	64.8 N	21.3 W	3-C
39	To be determined	To be determined	To be determined	To be determined	To be determined
40	Indonesia	PACI Cibinong, Jawa Barat	6.5 S	107.0 E	3-C
41	Indonesia	JAY Jayapura, Irian Jaya	2.5 S	140.7 E	3-C
42	Indonesia	SWI Sorong, Irian Jaya	0.9 S	131.3 E	3-C
43	Indonesia	PSI Parapat, Sumatera	2.7 N	98.9 E	3-C
44	Indonesia	KAPI Kappang, Sulawesi Selatan	5.0 S	119.8 E	3-C
45	Indonesia	KUG Kupang, Nusatenggara Timur	10.2 S	123.6 E	3-C
46	Iran (Islamic Republic of)	KRM Kerman	30.3 N	57.1 E	3-C
47	Iran (Islamic Republic of)	MSN Masjed-e-Soleyman	31.9 N	49.3 E	3-C
48	Israel	MBH Eilath	29.8 N	34.9 E	3-C
49	Israel	PARD Parod	32.6 N	35.3 E	array
50	Italy	ENAS Enna, Sicily	37.5 N	14.3 E	3-C
51	Japan	JNU Ohita, Kyushu	33.1 N	130.9 E	3-C
52	Japan	JOW Kunigami, Okinawa	26.8 N	128.3 E	3-C
53	Japan	JHJ Hachijojima, Izu Islands	33.1 N	139.8 E	3-C

	State responsiblefor station	Location	Latitude	Longitude	Type
54	Japan	JKA Kamikawa-asahi, Hokkaido	44.1 N	142.6 E	3-C
55	Japan	JCJ Chichijima, Ogasawara	27.1 N	142.2 E	3-C
56	Jordan	— Ashqof	32.5 N	37.6 E	3-C
57	Kazakstan	BRVK Borovoye	53.1 N	70.3 E	array
58	Kazakstan	KURK Kurchatov	50.7 N	78.6 E	array
59	Kazakstan	AKTO Aktyubinsk	50.4 N	58.0 E	3-C
60	Kyrgyzstan	AAK Ala-Archa	42.6 N	74.5 E	3-C
61	Madagascar	TAN Antananarivo	18.9 S	47.6 E	3-C
62	Mali	KOWA Kowa	14.5 N	4.0 W	3-C
63	Mexico	TEYM Tepich, Yucatan	20.2 N	88.3 W	3-C
64	Mexico	TUVM Tuzandepeti, Veracruz	18.0 N	94.4 W	3-C
65	Mexico	LPBM La Paz, Baja California Sur	24.2 N	110.2 W	3-C
66	Morocco	MDT Midelt	32.8 N	4.6 W	3-C
67	Namibia	TSUM Tsumeb	19.1 S	17.4 E	3-C
68	Nepal	EVN Everest	28.0 N	86.8 E	3-C
69	New Zealand	EWZ Erewhon, South Island	43.5 S	170.9 E	3-C
70	New Zealand	RAO Raoul Island	29.2 S	177.9 W	3-C
71	New Zealand	URZ Urewera, North Island	38.3 S	177.1 E	3-C
72	Norway	SPITS Spitsbergen	78.2 N	16.4 E	array
73	Norway	JMI Jan Mayen	70.9 N	8.7 W	3-C
74	Oman	WSAR Wadi Sarin	23.0 N	58.0 E	3-C
75	Papua New Guinea	PMG Port Moresby	9.4 S	147.2 E	3-C
76	Papua New Guinea	BIAL Bialla	5.3 S	151.1 E	3-C
77	Peru	CAJP Cajamarca	7.0 S	78.0 W	3-C
78	Peru	NNA Nana	12.0 S	76.8 W	3-C
79	Philippines	DAV Davao, Mindanao	7.1 N	125.6 E	3-C
80	Philippines	TGY Tagaytay, Luzon	14.1 N	120.9 E	3-C

	State responsiblefor station	Location	Latitude	Longitude	Type
81	Romania	MLR Muntele Rosu	45.5 N	25.9 E	3-C
82	Russian Federation	KIRV Kirov	58.6 N	49.4 E	3-C
83	Russian Federation	KIVO Kislovodsk	44.0 N	42.7 E	array
84	Russian Federation	OBN Obninsk	55.1 N	36.6 E	3-C
85	Russian Federation	ARU Arti	56.4 N	58.6 E	3-C
86	Russian Federation	SEY Seymchan	62.9 N	152.4 E	3-C
87	Russian Federation	TLY Talaya	51.7 N	103.6 E	3-C
88	Russian Federation	YAK Yakutsk	62.0N	129.7 E	3-C
89	Russian Federation	URG Urgal	51.1N	132.3 E	3-C
90	Russian Federation	BIL Bilibino	68.0 N	166.4 E	3-C
91	Russian Federation	TIXI Tiksi	71.6 N	128.9 E	3-C
92	Russian Federation	YSS Yuzhno-Sakhalinsk	47.0 N	142.8 E	3-C
93	Russian Federation	MA2 Magadan	59.6 N	150.8 E	3-C
94	Russian Federation	ZIL Zilim	53.9 N	57.0 E	3-C
95	Samoa	AFI Afiamalu	13.9 S	171.8 W	3-C
96	Saudi Arabia	RAYN Ar Rayn	23.6 N	45.6 E	3-C
97	Senegal	MBO Mbour	14.4 N	17.0 W	3-C
98	Solomon Islands	HNR Honiara, Guadalcanal	9.4 S	160.0 E	3-C
99	South Africa	SUR Sutherland	32.4 S	20.8 E	3-C
100	Sri Lanka	COC Colombo	6.9 N	79.9 E	3-C
101	Sweden	HFS Hagfors	60.1 N	13.7 E	array
102	Switzerland	DAVOS Davos	46.8 N	9.8 E	3-C
103	Uganda	MBRU Mbarara	0.4 S	30.4 E	3-C
104	United Kingdom	EKA Eskdalemuir	55.3 N	3.2 W	array
105	United States of America	GUMO Guam, Marianas Islands	13.6 N	144.9 E	3-C
106	United States of America	PMSA Palmer Station, Antarctica	64.8 S	64.1 W	3-C
107	United States of America	TKL Tuckaleechee Caverns, TN	35.7 N	83.8 W	3-C

	State responsiblefor station	Location	Latitude	Longitude	Type
108	United States of America	PFCA Piñon Flat, CA	33.6 N	116.5 W	3-C
109	United States of America	YBH Yreka, CA	41.7 N	122.7 W	3-C
110	United States of America	KDC Kodiak Island, AK	57.8 N	152.5 W	3-C
111	United States of America	ALQ Albuquerque, NM	35.0 N	106.5 W	3-C
112	United States of America	ATTU Attu Island, AK	52.8 N	172.7 E	3-C
113	United States of America	ELK Elko, NV	40.7 N	115.2 W	3-C
114	United States of America	SPA South Pole, Antarctica	90.0 S	--	3-C
115	United States of America	NEW Newport, WA	48.3 N	117.1 W	3-C
116	United States of America	SJG San Juan, PR	18.1 N	66.2 W	3-C
117	Venezuela	SDV Santo Domingo	8.9 N	70.6 W	3-C
118	Venezuela	PCRV Puerto la Cruz	10.2 N	64.6 W	3-C
119	Zambia	LSZ Lusaka	15.3 S	28.2 E	3-C
120	Zimbabwe	BUL Bulawayo	to be advised	to be advised	3-C

Table 2 - A List of Radionuclide Stations

	State responsible for station	Location	Latitude	Longitude
1	Argentina	Buenos Aires	34.0 S	58.0W
2	Argentina	Salta	24.0 S	65.0 W
3	Argentina	Bariloche	41.1 S	71.3 W
4	Australia	Melbourne, VIC	37.5 S	144.6 E
5	Australia	Mawson, Antarctica	67.6 S	62.5 E
6	Australia	Townsville, QLD	19.2 S	146.8 E
7	Australia	Macquarie Island	54.0 S	159.0 E
8	Australia	Cocos Islands	12.0 S	97.0 E
9	Australia	Darwin, NT	12.4 S	130.7 E
10	Australia	Perth, WA	31.9 S	116.0 E
11	Brazil	Rio de Janeiro	22.5 S	43.1 W
12	Brazil	Recife	8.0 S	35.0 W
13	Cameroon	Douala	4.2 N	9.9 E
14	Canada	Vancouver, B.C.	49.3 N	123.2 W
15	Canada	Resolute, N.W.T.	74.7 N	94.9 W
16	Canada	Yellowknife, N.W.T.	62.5 N	114.5 W
17	Canada	St. John's, N.L.	47.0 N	53.0 W
18	Chile	Punta Arenas	53.1 S	70.6 W
19	Chile	Hanga Roa, Easter Island	27.1 S	108.4 W

	State responsible for station	Location	Latitude	Longitude
20	China	Beijing	39.8 N	116.2 E
21	China	Lanzhou	35.8 N	103.3 E
22	China	Guangzhou	23.0 N	113.3 E
23	Cook Islands	Rarotonga	21.2 S	159.8 W
24	Ecuador	Isla San Cristóbal, Galápagos Islands	1.0 S	89.2 W
25	Ethiopia	Filtu	5.5 N	42.7 E
26	Fiji	Nadi	18.0 S	177.5 E
27	France	Papeete, Tahiti	17.0 S	150.0 W
28	France	Pointe-à-Pitre, Guadeloupe	17.0 N	62.0 W
29	France	Réunion	21.1 S	55.6 E
30	France	Port-aux-Français, Kerguelen	49.0 S	70.0 E
31	France	Cayenne, French Guiana	5.0 N	52.0 W
32	France	Dumont d'Urville, Antarctica	66.0 S	140.0 E
33	Germany	Schauinsland/Freiburg	47.9 N	7.9 E
34	Iceland	Reykjavik	64.4 N	21.9 W
35	To be determined	To be determined	To be determined	To be determined
36	Iran (Islamic Republic of)	Tehran	35.0 N	52.0 E
37	Japan	Okinawa	26.5 N	127.9 E
38	Japan	Takasaki, Gunma	36.3 N	139.0 E
39	Kiribati	Kiritimati	2.0 N	157.0 W
40	Kuwait	Kuwait City	29.0 N	48.0 E
41	Libya	Misratah	32.5 N	15.0 E
42	Malaysia	Kuala Lumpur	2.6 N	101.5 E
43	Mauritania	Nouakchott	18.0 N	17.0 W
44	Mexico	Baja California	28.0 N	113.0 W
45	Mongolia	Ulaanbaatar	47.5 N	107.0 E
46	New Zealand	Chatham Island	44.0 S	176.5 W
47	New Zealand	Kaitaia	35.1 S	173.3 E
48	Niger	Bilma	18.0 N	13.0 E
49	Norway	Spitsbergen	78.2 N	16.4 E
50	Panama	Panama City	8.9 N	79.6 W
51	Papua New Guinea	New Hanover	3.0 S	150.0 E
52	Philippines	Quezon City	14.5 N	121.0 E
53	Portugal	Ponta Delgada, São Miguel, Azores	37.4 N	25.4 W
54	Russian Federation	Kirov	58.6 N	49.4 E
55	Russian Federation	Norilsk	69.0 N	88.0E
56	Russian Federation	Peleduy	59.6 N	112.6 E
57	Russian Federation	Bilibino	68.0 N	166.4 E
58	Russian Federation	Ussuriysk	43.7 N	131.9 E
59	Russian Federation	Zalesovo	53.9 N	84.8 E
60	Russian Federation	Petropavlovsk-Kamchatskiy	53.1 N	158.8 E
61	Russian Federation	Dubna	56.7 N	37.3 E
62	South Africa	Marion Island	46.5 S	37.0 E
63	Sweden	Stockholm	59.4 N	18.0 E

	State responsible for station	Location	Latitude	Longitude
64	Tanzania	Dar es Salaam	6.0 S	39.0 E
65	Thailand	Bangkok	13.8 N	100.5 E
66	United Kingdom	BIOT/Chagos Archipelago	7.0 S	72.0 E
67	United Kingdom	St. Helena	16.0 S	6.0 W
68	United Kingdom	Tristan da Cunha	37.0 S	12.3 W
69	United Kingdom	Halley, Antarctica	76.0 S	28.0 W
70	United States of America	Sacramento, CA	38.7 N	121.4 W
71	United States of America	Sand Point, AK	55.0 N	160.0 W
72	United States of America	Melbourne, FL	28.3 N	80.6 W
73	United States of America	Palmer Station, Antarctica	64.5 S	64.0 W
74	United States of America	Ashland, KS	37.2 N	99.8 W
75	United States of America	Charlottesville, VA	38.0 N	78.0 W
76	United States of America	Salchaket, AK	64.4 N	147.1 W
77	United States of America	Wake Island	19.3 N	166.6 E
78	United States of America	Midway Islands	28.0 N	177.0 W
79	United States of America	Oahu, HI	21.5 N	158.0 W
80	United States of America	Upi, Guam	13.7 N	144.9 E

Table 2 - B List of Radionuclide Laboratories

	State responsible for Laboratory	Name and place of laboratory
1	Argentina	National Board of Nuclear Regulation Buenos Aires
2	Australia	Australian Radiation Laboratory Melbourne, VIC
3	Austria	Austrian Research Center Seibersdorf
4	Brazil	Institute of Radiation Protection and Dosimetry Rio de Janeiro
5	Canada	Health Canada Ottawa, Ont.
6	China	Beijing
7	Finland	Centre for Radiation and Nuclear Safety Helsinki
8	France	Atomic Energy Commission Monthéry
9	Israel	Soreq Nuclear Research Centre Yavne
10	Italy	Laboratory of the National Agency for the Protection of the Environment Rome
11	Japan	Japan Atomic Energy Research Institute Tokai, Ibaraki
12	New Zealand	National Radiation Laboratory Christchurch
13	Russian Federation	Central Radiation Control Laboratory, Ministry of Defence Special Verification Service Moscow

	State responsible for Laboratory	Name and place of laboratory
14	South Africa	Atomic Energy Corporation Pelindaba
15	United Kingdom	AWE Blacknest Chilton
16	United States of America	McClellan Central Laboratories Sacramento, CA

Table 3 List of Hydroacoustic Stations

	State responsible for station	Location	Latitude	Longitude	Type
1	Australia	Cape Leeuwin, WA	34.4 S	115.1 E	Hydrophone
2	Canada	Queen Charlotte Islands, B.C.	53.3 N	132.5 W	T-phase
3	Chile	Juan Fernández Island	33.7 S	78.8 W	Hydrophone
4	France	Crozet Islands	46.5 S	52.2 E	Hydrophone
5	France	Guadeloupe	16.3 N	61.1 W	T-phase
6	Mexico	Clarión Island	18.2 N	114.6 W	T-phase
7	Portugal	Flores	39.3 N	31.3 W	T-phase
8	United Kingdom	BIOT/Chagos Archipelago	7.3 S	72.4 E	Hydrophone
9	United Kingdom	Tristan da Cunha	37.2 S	12.5 W	T-phase
10	United States of America	Ascension	8.0 S	14.4 W	Hydrophone
11	United States of America	Wake Island	19.3 N	166.6 E	Hydrophone

Table 4 List of Infrasound Stations

	State responsible for station	Location	Latitude	Longitude
1	Argentina	Paso Flores	40.7 S	70.6 W
2	Argentina	Ushuaia	55.0 S	68.0 W
3	Australia	Davis Base, Antarctica	68.4 S	77.6 E
4	Australia	Narrogin, WA	32.9 S	117.2 E
5	Australia	Hobart, TAS	42.1 S	147.2 E
6	Australia	Cocos Islands	12.3 S	97.0 E
7	Australia	Warramunga, NT	19.9 S	134.3 E
8	Bolivia	La Paz	16.3 S	68.1 W
9	Brazil	Brasilia	15.6 S	48.0 W
10	Canada	Lac du Bonnet, Man.	50.2 N	95.9 W
11	Cape Verde	Cape Verde Islands	16.0 N	24.0 W
12	Central African Republic	Bangui	5.2 N	18.4 E
13	Chile	Easter Island	27.0 S	109.2 W
14	Chile	Juan Fernández Island	33.8 S	80.7 W
15	China	Beijing	40.0 N	116.0 E
16	China	Kunming	25.0 N	102.8 E
17	Côte d'Ivoire	Dimbokro	6.7 N	4.9 W
18	Denmark	Dundas, Greenland	76.5 N	68.7 W
19	Djibouti	Djibouti	11.3 N	43.5 E
20	Ecuador	Galápagos Islands	0.0 N	91.7 W
21	France	Marquesas Islands	10.0 S	140.0 W
22	France	Port LaGuerre, New Caledonia	22.1 S	166.3 E

	State responsible for station	Location	Latitude	Longitude
23	France	Kerguelen	49.2 S	69.1 E
24	France	Tahiti	17.6 S	149.6 W
25	France	Kourou, French Guiana	5.2 N	52.7 W
26	Germany	Freyung	48.9 N	13.7 E
27	Germany	Georg von Neumayer, Antarctica	70.6 S	8.4 W
28	To be determined	To be determined	To be determined	To be determined
29	Iran (Islamic Republic of)	Tehran	35.7 N	51.4 E
30	Japan	Tsukuba	36.0 N	140.1 E
31	Kazakstan	Aktyubinsk	50.4 N	58.0 E
32	Kenya	Kilimanbogo	1.3 S	36.8 E
33	Madagascar	Antananarivo	18.8 S	47.5 E
34	Mongolia	Javhlant	48.0 N	106.8 E
35	Namibia	Tsumeb	19.1 S	17.4 E
36	New Zealand	Chatham Island	44.0 S	176.5 W
37	Norway	Karasjok	69.5 N	25.5 E
38	Pakistan	Rahimyar Khan	28.2 N	70.3 E
39	Palau	Palau	7.5 N	134.5 E
40	Papua New Guinea	Rabaul	4.1 S	152.1 E
41	Paraguay	Villa Florida	26.3 S	57.3 W
42	Portugal	Azores	37.8 N	25.5 W
43	Russian Federation	Dubna	56.7 N	37.3 E
44	Russian Federation	Petropavlovsk- Kamchatskiy	53.1 N	158.8 E
45	Russian Federation	Ussuriysk	43.7 N	131.9 E
46	Russian Federation	Zalesovo	53.9 N	84.8 E
47	South Africa	Boshof	28.6 S	25.4 E
48	Tunisia	Thala	35.6 N	8.7 E
49	United Kingdom	Tristan da Cunha	37.0 S	12.3 W
50	United Kingdom	Ascension	8.0 S	14.3 W
51	United Kingdom	Bermuda	32.0 N	64.5 W
52	United Kingdom	BIOT/Chagos Archipelago	5.0 S	72.0 E
53	United States of America	Eielson, AK	64.8 N	146.9 W
54	United States of America	Siple Station, Antarctica	75.5 S	83.6 W
55	United States of America	Windless Bight, Antarctica	77.5 S	161.8 E
56	United States of America	Newport, WA	48.3 N	117.1 W
57	United States of America	Piñon Flat, CA	33.6 N	116.5 W
58	United States of America	Midway Islands	28.1N	177.2 W
59	United States of America	Hawaii, HI	19.6 N	155.3 W
60	United States of America	Wake Island	19.3 N	166.6 E