

Code	Name	Region	El	a	e2	dx	dy	dz	ds	rx	ry	rz			
FLO	OBSERVATORIO MET. 1939	Flores	IN	6378388	0.00672267002	-425	-169	81	0	0	0	0	20	20	20
FOT	FORT THOMAS 1955	St Kitts-Nevis	CD	6378249.145	0.00680351128	-7	215	225	0	0	0	0	25	25	25
GAA	GAN 1970	Rep. of Maldives	IN	6378388	0.00672267002	-133	-321	50	0	0	0	0	25	25	25
GDS	GEOCENTRIC DATUM AUSTRALIA	Australia	RF	6378137	0.00669438002	0	0	0	0	0	0	0	0	0	0
GEO-7	GEODETIC DATUM 1949	New Zealand	IN	6378388	0.00672267002	59.47	-5.04	187.44	-4.5993	0.47	-0.1	1.024	0	25	25
GIZ	DOS 1968	Gizo Islands	IN	6378388	0.00672267002	230	-199	-752	0	0	0	0	25	25	25
GRA	GRACIOSA BASE SW 1948	Azores	IN	6378388	0.00672267002	-104	167	-38	0	0	0	0	3	3	3
GRX	GGRS87	Greece	RF	6378137	0.0066943800229	-199.87	74.79	246.62	0	0	0	0			
GSE	GUNUNG SEGARA	Indonesia	BR	6377397.155	0.00667437223	-403	684	41	0	0	0	0			
GUA	GUAM 1963	Guam	CC	6378206.400	0.00676865800	-100	-248	259	0	0	0	0	3	3	3
HEL-7	HELSINKI, KALLIO CHURCH	Finland	IN	6378388	0.00672267002	-84.8	-208	-96.3	-0.023	2.36	1.00	3.09	2	2	2
HEN	HERAT NORTH	Afghanistan	IN	6378388	0.00672267002	-333	-222	114	0	0	0	0			
HER-7	MGI DATUM / HERMANNSKOGE	Austria	BR	6377397.155	0.00667437223	577.3	90.1	463.9	2.42	5.137	1.474	5.297	2	2	2
HER-7	HERMANNSKOGE	Former Yugoslavia	BR	6377397.155	0.00667437223	515.149	186.233	511.959	0.782	5.49721	3.51742	-12.948	3	3	3
HIT	HITO XVIII 1963	Chile	IN	6378388	0.00672267002	16	196	93	0	0	0	0	25	25	25
HJO	HJORSEY 1955	Iceland	IN	6378388	0.00672267002	-73	46	-86	0	0	0	0	3	3	6
HKD	HONG KONG 1963	Hong Kong	IN	6378388	0.00672267002	-156	-271	-189	0	0	0	0	25	25	25
HKE	HONG KONG 1980	Hong Kong	IN	6378388	0.00672267002	-156.8	-269	-188.2	0	0	0	0			
HTN	HU-TZU-SHAN	Taiwan	IN	6378388	0.00672267002	-637	-549	-203	0	0	0	0	15	15	15
HUY-7	HUNGARIAN DATUM 1972	Hungary	RE	6378160	0.00669460533	-56.94	67.91	19.32	-1.09	0.2	0.32	0.42	2	2	2
IBE	BELLEVUE (IGN)	Efate Island	IN	6378388	0.00672267002	-127	-769	472	0	0	0	0	20	20	20
IDN	INDONESIAN 1974	Indonesia	ID	6378160	0.00669460908	-24	-15	5	0	0	0	0	25	25	25
IKB	IRAQ-KUWAIT BOUNDARY 1992	Iraq/ Kuwait	RF	6378137	0.0066943800229	0	0	0	0	0	0	0	2	2	2
IND-7	INDIAN	Bangladesh	EA	6377276.345	0.00663784663	79.2	670.3	230	11.034	0	0	-7.274			
IND	INDIAN	India & Nepal	EC	6377301.243	0.00663784607	295	736	257	0	0	0	0	12	10	15
IND	INDIAN	Pakistan	EF	6377309.613	0.00663784607	283	682	231	0	0	0	0			
INF	A INDIAN 1954	Thailand	EA	6377276.345	0.00663784663	217	823	299	0	0	0	0	15	6	12
ING	B INDIAN 1960	Con Son Island	EA	6377276.345	0.00663784663	182	915	344	0	0	0	0	25	25	25
ING	A INDIAN 1960	Vietnam	EA	6377276.345	0.00663784663	198	881	317	0	0	0	0	25	25	25
INH	A1 INDIAN 1975	Thailand	EA	6377276.345	0.00663784663	210	814	289	0	0	0	0	3	2	3
IRL-7	IRELAND 1965	Ireland	AM	6377340.189	0.00667054000	482.53	-130.596	564.557	8.15	-1.042	-0.214	-0.631	1	1	1
ISG	ISTS 061 ASTRO 1968	South Georgia	IN	6378388	0.00672267002	-794	119	-298	0	0	0	0	25	25	25
IST	ISTS 073 Astro 1969	Diego Garcia	IN	6378388	0.00672267002	208	-435	-229	0	0	0	0	25	25	25
JOH	JOHNSTON ISLAND 1961	Johnston Island	IN	6378388	0.00672267002	189	-79	-202	0	0	0	0	25	25	25
KAN-7	KANDAWALA JACKSON?	Sri Lanka	EA	6377276.345	0.00663784663	33.7	886.1	105.3	-20.187	-0.11	0.369	3.701			
KEA-7	KERTAU 1948	Malaysia W & Sing.	EE	6377304.063	0.00663784663	-366.94	719.29	-88.93	9.093	2.498	2.142	-12.057			
KEG	KERGUELEN ISLAND 1949	Kerguelen Island	IN	6378388	0.00672267002	145	-187	103	0	0	0	0	25	25	25
KGS	KOREAN GEODETIC SYSTEM 1995	South Korea	WE	6378137	0.00669437999	0	0	0	0	0	0	0	1	1	1
KKX-7	KKJ	Finland	IN	6378388	0.00672267002	-90.7	-106.1	-119.2	1.37	4.09	0.218	-1.05	2	2	2
KUS	KUSAIE ASTRO 1951	Caroline Island	IN	6378388	0.00672267002	647	1777	-1124	0	0	0	0	25	25	25
LCF	LC5 ASTRO 1961	Cayman Brac	CC	6378206.400	0.00676865800	42	124	147	0	0	0	0	25	25	25
LEH-7	LEIGON	Ghana	CD	6378249.145	0.00680351128	-135.58	13.23	364.13	0.719	2.0168	-0.0256	0.8091			
LIB	LIBERIA 1964	Liberia	CD	6378249.145	0.00680351128	-90	40	88	0	0	0	0	15	15	15
LIS-7	LISBON (Castelo di Sao Jorge) D73	Portugal	IN	6378388	0.00672267002	-238.2	85.2	29.9	2.03	0.166	0.046	1.248	1	1	1
LTH	LKS94	Lithuania	RF	6378137	0.00669438002	0	0	0	0	0	0	0	0	0	0
LUZ	B LUZON	Philippines - Mindanao	CC	6378206.400	0.00676865800	-133	-79	-72	0	0	0	0	25	25	25
LUZ	A LUZON	Philippines	CC	6378206.400	0.00676865800	-133	-77	-51	0	0	0	0	8	11	9
MAS	MASSAWA	Eritrea	BR	6377397.155	0.00667437223	639	405	60	0	0	0	0	25	25	25
MER	MERCHICH	Morrocco	CD	6378249.145	0.00680351128	31	146	47	0	0	0	0	5	3	3
MID	MIDWAY ASTRO 1961	Midway Islands	IN	6378388	0.00672267002	912	-58	1227	0	0	0	0	25	25	25
MIK	MAHE 1971	Seychelles - Mahe Is.	CD	6378249.145	0.00680351128	41	-220	-134	0	0	0	0	25	25	25
MIN	A MINNA	Cameroon	CD	6378249.145	0.00680351128	-81	-84	115	0	0	0	0	25	25	25
MIN	B MINNA	Nigeria	CD	6378249.145	0.00680351128	-92	-93	122	0	0	0	0	3	6	5
MOD-7	ROME 1940	Italy mainland	IN	6378388	0.00672267002	-104.1	-49.1	-9.9	-11.68	0.971	-2.917	0.714	4	4	4
MOD-7	ROME 1940	Italy - Sardinia	IN	6378388	0.00672267002	-168.6	-34	38.6	-9.48	-0.374	-0.679	-1.379	4	4	4
MOD-7	ROME 1940	Italy - Sicily	IN	6378388	0.00672267002	-50.2	-50.4	84.8	-28.08	-0.69	-2.012	0.459	4	4	4
MPO	M'PORALOKO	Gabon	CD	6378249.145	0.00680351128	-74	-130	42	0	0	0	0	25	25	25
MVS	VITI LEVU 1916	Fiji - Viti Levu	CD	6378249.145	0.00680351128	51	391	-36	0	0	0	0	25	25	25
NAH	A NAHRWAN	Oman - Masirah Island	CD	6378249.145	0.00680351128	-247	-148	369	0	0	0	0	25	25	25
NAH	C NAHRWAN	Saudi Arabia	CD	6378249.145	0.00680351128	-243	-192	477	0	0	0	0	20	20	20
NAH	B NAHRWAN	United Arab Emirates	CD	6378249.145	0.00680351128	-249	-156	381	0	0	0	0	25	25	25
NAP	NAPARIMA	Trinidad & Tobago	IN	6378388	0.00672267002	-10	375	165	0	0	0	0	15	15	15
NAR	A NORTH AMERICAN 1983	US - Alaska	RF	6378137	0.0066943800229	0	0	0	0	0	0	0	2	2	2
NAR	E NORTH AMERICAN 1983	US - Aleutian	RF	6378137	0.0066943800229	-2	4	0	0	0	0	0	5	2	5
NAR	B NORTH AMERICAN 1983	Canada	RF	6378137	0.0066943800229	0	0	0	0	0	0	0	2	2	2
NAR	C NORTH AMERICAN 1983	US - CONUS	RF	6378137	0.0066943800229	0	0	0	0	0	0	0	2	2	2
NAR	H NORTH AMERICAN 1983	US - Hawaii	RF	6378137	0.0066943800229	1	1	-1	0	0	0	0	2	2	2
NAR	D NORTH AMERICAN 1983	Mexico	RF	6378137	0.0066943800229	0	0	0	0	0	0	0	2	2	2
NAS	D NORTH AMERICAN 1927	US - Alaska	CC	6378206.400	0.00676865800	-5	135	172	0	0	0	0	5	9	5
NAS	E NORTH AMERICAN 1927	Canada	CC	6378206.400	0.00676865800	-10	158	187	0	0	0	0	15	11	6
NAS	F NORTH AMERICAN 1927	Canada - Alberta/ British Columbia	CC	6378206.400	0.00676865800	-7	162	188	0	0	0	0	8	8	6
NAS	V NORTH AMERICAN 1927	US - Aleutian East	CC	6378206.400	0.00676865800	-2	152	149	0	0	0	0	6	8	10
NAS	W NORTH AMERICAN 1927	US - Aleutian West	CC	6378206.400	0.00676865800	2	204	105	0	0	0	0	10	10	10
NAS	Q NORTH AMERICAN 1927	Bahamas	CC	6378206.400	0.00676865800	-4	154	178	0	0	0	0	5	3	5
NAS	O NORTH AMERICAN 1927	Canal Zone	CC	6378206.400	0.00676865800	0	125	201	0	0	0	0	20	20	20
NAS	P NORTH AMERICAN 1927	Caribbean	CC	6378206.400	0.00676865800	-3	142	183	0	0	0	0	3	9	12
NAS	N NORTH AMERICAN 1927	Central America	CC	6378206.400	0.00676865800	0	125	194	0	0	0	0	8	3	5
NAS	C NORTH AMERICAN 1927	US - CONUS	CC	6378206.400	0.00676865800	-8	160	176	0	0	0	0	5	5	6
NAS	T NORTH AMERICAN 1927	Cuba	CC	6378206.400	0.00676865800	-9	152	178	0	0	0	0	25	25	25
NAS	G NORTH AMERICAN 1927	Canada East	CC	6378206.400	0.00676865800	-22	160	190	0	0	0	0	6	6	3
NAS	A NORTH AMERICAN 1927	US - Eastern	CC	6378206.400	0.00676865800	-9	161	179	0	0	0	0	5	5	8
NAS	U NORTH AMERICAN 1927	Greenland	CC	6378206.400	0.00676865800	11	114	195	0	0	0	0	25	25	25
NAS	H NORTH AMERICAN 1927	Canada - Manitoba/ Ontario	CC	6378206.400	0.00676865800	-9	157	184	0	0	0	0	9	5	5
NAS	L NORTH AMERICAN 1927	Mexico	CC	6378206.400	0.00676865800	-12	130	190	0	0	0	0	8	6	6
NAS	I NORTH AMERICAN 1927	Canada - NW Territory	CC	6378206.400	0.00676865800	4	159	188	0	0	0	0	5	5	3

Code	Name	Region	E1	a	e2	dx	dy	dz	ds	rx	ry	rz			
NAS	R NORTH AMERICAN 1927	San Salvador	CC	6378206.400	0.00676865800	1	140	165	0	0	0	0	25	25	25
NAS	B NORTH AMERICAN 1927	US - Western	CC	6378206.400	0.00676865800	-8	159	175	0	0	0	0	5	3	3
NAS	J NORTH AMERICAN 1927	Canada - Yukon	CC	6378206.400	0.00676865800	-7	139	181	0	0	0	0	5	8	3
NFR	NTF	France	CG	6378249.200	0.00680348764	-168	-60	320	0	0	0	0			
NGO-7	NGO 1948	Norway	BM	6377492.018	0.006674373	278.3	93	474.5	6.21	7.889	0.05	-6.61	3	3	3
NSD	NORTH SAHARA 1959	Algeria	CD	6378249.145	0.00680351128	-186	-93	310	0	0	0	0	25	25	25
ODU-7	BELGIUM DATUM 1972	Belgium	IN	6378388	0.00672267002	-99.1	53.3	-112.5	-1	0.419	-0.83	1.885	1	1	1
OEG	OLD EGYPTIAN 1907	Egypt	HE	6378200	0.00669342162	-130	110	-13	0	0	0	0	3	6	8
OGB-7	ORDNANCE GB 1936	GB - Great Britain	AA	6377563.396	0.00667054	446.448	-125.157	542.06	-20.49	0.150	0.2470	0.8421	4	4	4
OHA	M OLD HAWAIIAN	US - Hawaii Mean	CC	6378206.400	0.00676865800	61	-285	-181	0	0	0	0	25	20	20
OHA	A OLD HAWAIIAN	US - Hawaii	CC	6378206.400	0.00676865800	89	-279	-183	0	0	0	0	25	25	25
OHA	B OLD HAWAIIAN	US - Kauai	CC	6378206.400	0.00676865800	45	-290	-172	0	0	0	0	20	20	20
OHA	C OLD HAWAIIAN	US - Maui	CC	6378206.400	0.00676865800	65	-290	-190	0	0	0	0	25	25	25
OHA	D OLD HAWAIIAN	US - Oahu	CC	6378206.400	0.00676865800	58	-283	-182	0	0	0	0	10	6	6
OHI	M OLD HAWAIIAN	US - Hawaii	IN	6378388	0.00672267002	201	-228	-346	0	0	0	0	25	20	20
OHI	A OLD HAWAIIAN	US - Hawaii	IN	6378388	0.00672267002	229	-222	-348	0	0	0	0	25	25	25
OHI	B OLD HAWAIIAN	US - Kauai	IN	6378388	0.00672267002	185	-233	-337	0	0	0	0	20	20	20
OHI	C OLD HAWAIIAN	US - Maui	IN	6378388	0.00672267002	205	-233	-355	0	0	0	0	25	25	25
OHI	D OLD HAWAIIAN	US - Oahu	IN	6378388	0.00672267002	198	-226	-347	0	0	0	0	10	6	6
PAL	PALESTINE 1928	Israel	CF	6378300.782	0.00680348102	-223	-70	271	0	0	0	0			
PHA	AYABELLA LIGHTHOUSE	Djibouti	CD	6378249.145	0.00680351128	-79	-129	145	0	0	0	0	25	25	25
PIT	PITCAIRN ASTRO 1967	Pitcairn Island	IN	6378388	0.00672267002	185	165	42	0	0	0	0	25	25	25
PLN	PICO DE LAS NIEVES.	Spain - Canary Islands	IN	6378388	0.00672267002	-307	-92	127	0	0	0	0	25	25	25
POS	PORTO SANTO 1936.	Portugal - Madeira	IN	6378388	0.00672267002	-499	-249	314	0	0	0	0	25	25	25
PRP	A PROV. S AMERICAN 1956	Bolivia	IN	6378388	0.00672267002	-270	188	-388	0	0	0	0	5	11	14
PRP	D PROV. S AMERICAN 1956	Colombia	IN	6378388	0.00672267002	-282	169	-371	0	0	0	0	15	15	15
PRP	E PROV. S AMERICAN 1956	Ecuador	IN	6378388	0.00672267002	-278	171	-367	0	0	0	0	3	5	3
PRP	F PROV. S AMERICAN 1956	Guyana	IN	6378388	0.00672267002	-298	159	-369	0	0	0	0	6	14	5
PRP	B PROV. S AMERICAN 1956	Chile North	IN	6378388	0.00672267002	-270	183	-390	0	0	0	0	25	25	25
PRP	G PROV. S AMERICAN 1956	Peru	IN	6378388	0.00672267002	-279	175	-379	0	0	0	0	6	8	12
PRP	M PROV. S AMERICAN 1956	South America	IN	6378388	0.00672267002	-288	175	-376	0	0	0	0	17	27	27
PRP	C PROV. S AMERICAN 1956	Chile South	IN	6378388	0.00672267002	-305	243	-442	0	0	0	0	20	20	20
PRP-7	PROV. S AMERICAN 1956	Venezuela	IN	6378388	0.00672267002	-197.43	139.39	-192.8	-5.109	5.266	1.238	-2.381			
PTB	POINT 58	Burkina Faso & Niger	CD	6378249.145	0.00680351128	-106	-129	165	0	0	0	0	25	25	25
PTN	POINT NOIRE 1948	Congo	CD	6378249.145	0.00680351128	-148	51	-291	0	0	0	0	25	25	25
PUK	PULKOVO 1942	Russia	KA	6378245	0.00669342162	28	-130	-95	0	0	0	0			
PUK-7	PULKOVO 1942	Germany	KA	6378245	0.00669342162	24	-123	-94	1.1	-0.02	0.25	0.13			
PUK-7	PULKOVO 1942	Estonia	KA	6378245	0.00669342162	21.58719	-97.541	-60.925	-4.6121	1.01378	0.58117	0.2348			
PUR	PUERTO RICO & Virgin Is.	Islands	CC	6378206.400	0.00676865800	11	72	-101	0	0	0	0	3	3	3
QAT-7	QATAR NATIONAL 1974	Qatar	IN	6378388	0.00672267002	-126.44	-298.86	-10.92	3.73	1.23	0.27	0.85			
QAR-7	QATAR NATIONAL 1995	Qatar	IN	6378388	0.00672267002	-119.425	-303.6587	-11.00061	3.65707	1.1643	0.17446	1.096259			
QUO	QORNOQ	Greenland South	IN	6378388	0.00672267002	164	138	-189	0	0	0	0	25	25	32
RAU-7	DHDN (RAUENBERG)	Germany	BR	6377397.155	0.00667437223	582	105	414	8.3	1.04	0.35	-3.08	4	4	4
REU	REUNION	Mascarene Is	IN	6378388	0.00672267002	94	-948	-1262	0	0	0	0	25	25	25
RTS-7	RT90	Sweden	BR	6377397.155	0.00667437223	414.1	41.3	603.1	0	-0.855	2.141	-7.023	0	0	0
SAE	SANTO (DOS) 1965	Vanuatu - Espirito Santo	IN	6378388	0.00672267002	170	42	84	0	0	0	0	25	25	25
SAN	A SOUTH AMERICAN 1969	Argentina	SA	6378160	0.00669454185	-62	-1	-37	0	0	0	0	5	5	5
SAN	J SOUTH AMERICAN 1969	Galapagos	SA	6378160	0.00669454185	-47	26	-42	0	0	0	0	25	25	25
SAN	B SOUTH AMERICAN 1969	Bolivia	SA	6378160	0.00669454185	-61	2	-48	0	0	0	0	15	15	15
SAN	C SOUTH AMERICAN 1969	Brazil	SA	6378160	0.00669454185	-60	-2	-41	0	0	0	0	3	5	5
SAN	D SOUTH AMERICAN 1969	Chile	SA	6378160	0.00669454185	-75	-1	-44	0	0	0	0	15	8	11
SAN	E SOUTH AMERICAN 1969	Colombia	SA	6378160	0.00669454185	-44	6	-36	0	0	0	0	6	6	5
SAN	F SOUTH AMERICAN 1969	Ecuador	SA	6378160	0.00669454185	-48	3	-44	0	0	0	0	3	3	3
SAN	G SOUTH AMERICAN 1969	Guyana	SA	6378160	0.00669454185	-53	3	-47	0	0	0	0	9	5	5
SAN	H SOUTH AMERICAN 1969	Paraguay	SA	6378160	0.00669454185	-61	2	-33	0	0	0	0	15	15	15
SAN	I SOUTH AMERICAN 1969	Peru	SA	6378160	0.00669454185	-58	0	-44	0	0	0	0	5	5	5
SAN	M SOUTH AMERICAN 1969	South America	SA	6378160	0.00669454185	-57	1	-41	0	0	0	0	15	6	9
SAN	K SOUTH AMERICAN 1969	Trinidad	SA	6378160	0.00669454185	-45	12	-33	0	0	0	0	25	25	25
SAN	L SOUTH AMERICAN 1969	Venezuela	SA	6378160	0.00669454185	-45	8	-33	0	0	0	0	3	6	3
SAO	SAO BRAZ	Santa Maria Islands	IN	6378388	0.00672267002	-203	141	53	0	0	0	0	25	25	25
SAP-7	SAPPER HILL 1943 (2000 adj)	Falkland Islands	IN	6378388	0.00672267002	-120.379	126.358	95.91	-0.349	-0.09247	2.49933	-10.54206			
SCK	SCHWARZECK	Namibia	BN	6377483.865	0.00667437223	616	97	-251	0	0	0	0	20	20	20
SEI-7	SOUTH EAST ISLAND	Seychelles	CD	6378249.145	0.00680351128	30.768	-129.01	-91.673	-10.901	-1.9847	7.51328	0.64532			
SGA-7	SOVIET GEODETIC SYSTEM 85	Russia	SG	6378136	0.00669438500	0	0	4	0	0	0	0	0.6		
SGB-7	PZ90 (GLONASS)	Russia	SN	6378136	0.006694366192	-1.1	-0.3	-0.9	0	0	0	0	0.169		
SGM	SELVAGEM GRANDE 1938	Salvage Island	IN	6378388	0.00672267002	-289	-124	60	0	0	0	0	25	25	25
SHB	ASTRO DOS 71/4	St Helena	IN	6378388	0.00672267002	-320	550	-494	0	0	0	0	25	25	25
SIB	SIERRA LEONE DATUM 1960	Sierra Leone	CD	6378249.145	0.00680351128	-88	4	101	0	0	0	0	15	15	15
SIR	SIRGAS	South America	RF	6378137	0.00669438002	0	0	0	0	0	0	0	1	1	1
SOA	SOUTH ASIA	Singapore	FA	6378155	0.00669342162	7	-10	-26	0	0	0	0	25	25	25
SPK	F S-42 (PULKOVO 1942)	Albania	KA	6378245	0.00669342162	24	-130	-92	0	0	0	0	3	3	3
SPK	C S-42 (PK42)	Czechoslovakia	KA	6378245	0.00669342162	26	-121	-78	0	0	0	0	3	3	2
SPK	A S-42 (PULKOVO 1942)	Hungary	KA	6378245	0.00669342162	28	-121	-77	0	0	0	0	2	2	2
SPK	D S-42 (PULKOVO 1942)	Latvia	KA	6378245	0.00669342162	24	-124	-82	0	0	0	0	2	2	2
SPK	E S-42 (PK 1942)	Kazakhstan	KA	6378245	0.00669342162	15	-130	-84	0	0	0	0	25	25	25
SPK-7	SYSTEM 1942/58 (PULKOVO 1942)	Poland	KA	6378245	0.00669342162	33.4	-146.6	-76.3	-0.84	-0.359	-0.053	0.844	1	1	1
SPK	B S-42 (PULKOVO 1942)	Poland	KA	6378245	0.00669342162	23	-124	-82	0	0	0	0	4	2	4
SPK	G S-42 (PULKOVO 1942)	Romania	KA	6378245	0.00669342162	28	-121	-77	0	0	0	0	3	5	3
SPK															

Code	Name	Region	El	a	e2	dx	dy	dz	ds	rx	ry	rz			
IV-7	TIMBALAI 1948 (Bessel)	Malaysia E & Brunei	BR	6377397.155	0.00667437223	-496.34	580.76	-44.31	8.82	0.098	0.018	4.146	1	2	2
TOY	A TOKYO	Japan	BR	6377397.155	0.00667437223	-148	507	685	0	0	0	0	8	5	8
TOY	B1 TOKYO	South Korea	BR	6377397.155	0.00667437223	-147	506	687	0	0	0	0	2	2	2
TOY	C TOKYO	Japan - Okinawa	BR	6377397.155	0.00667437223	-158	507	676	0	0	0	0	20	5	20
TRN	ASTRO TERN ISLAND (FRIG) 1961	Antarctica	IN	6378388	0.00672267002	114	-116	-333	0	0	0	0	25	25	25
VOI	VOIROL 1875	Algeria	CG	6378249.200	0.00680348764	-73	-247	227	0	0	0	0			
WAK	WAKE ISLAND ASTRO 1952	Wake Island	IN	6378388	0.00672267002	276	-57	149	0	0	0	0	25	25	25
WGC-7	WORLD GEODETIC SYSTEM 1972	World	WD	6378135	0.00669431778	0	0	4.5	0.219	0	0	0.554	0	0	0
WGE	WORLD GEODETIC SYSTEM 1984	World	WE	6378137	0.00669437999	0	0	0	0	0	0	0	0	0	0
YAC	YACARE	Uruguay	IN	6378388	0.00672267002	-155	171	37	0	0	0	0			
ZAN	ZANDERIJ	Suriname	IN	6378388	0.00672267002	-265	120	-358	0	0	0	0	5	5	8
-7	LUXEMBOURG NT	Luxembourg	IN	6378388	0.00672267002	-193	13.7	-39.3	0.43	-0.41	-2.933	2.688	1	1	1
	HARTEBEESTHOCK 1994	South Africa	RF	6378137	0.00669438002	0	0	0	0	0	0	0	0	0	0

FILLED FIELDS SHOW WHERE DATA IS UNCERTAIN OR SUSPECT, DISAGREEING WITH OTHER DATA
Text Code suggested by Geodetic Branch
Text NIMA provisional codes