

Geographic (datum) transformations, parameters and areas of use

Current as of ArcGIS version 9.3

Geographic (datum) transformations, NADCON and HARN

Name	Code	Method	Dataset name
NAD_1927_To_NAD_1983_NADCON	1241	NADCON	conus
NAD_1927_To_NAD_1983_Alaska	1243	NADCON	alaska
NAD_1927_To_NAD_1983_PR_VI	108003	NADCON	prvi
American_Samoa_1962_To_HARN_American_Samoa_East	1579	NADCON	eshpgn
American_Samoa_1962_To_HARN_American_Samoa_West	1578	NADCON	wshpgn
Guam_1963_To_HARN_Guam	1068	NADCON	guhpgn
Guam_1963_To_HARN_Rota	108305	HARN	c2hpgn
Guam_1963_To_HARN_Saipan	108304	HARN	c1hpgn
Old_Hawaiian_To_NAD_1983	1454	NADCON	hawaii
St_George_To_NAD_1983	1457	NADCON	stgeorge
St_Lawrence_To_NAD_1983	1455	NADCON	stlrnc
St_Paul_To_NAD_1983	1456	NADCON	stpaul
NAD_1983_To_HARN_Alabama	1474	HARN	alhpgn
NAD_1983_To_HARN_Arizona	1475	HARN	azhpgn
NAD_1983_To_HARN_Arkansas	1704	HARN	arhpgn
NAD_1983_To_HARN_CA_N	1476	HARN	cnhpgn
NAD_1983_To_HARN_CA_S	1477	HARN	csHPGN
NAD_1983_To_HARN_Colorado	1478	HARN	cohpgn
NAD_1983_To_HARN_Georgia	1479	HARN	gahpgn
NAD_1983_To_HARN_Florida	1480	HARN	flhpgn
NAD_1983_To_HARN_Hawaii	1520	HARN	hihpgn
NAD_1983_To_HARN_Illinois	1553	HARN	ilhpgn
NAD_1983_To_HARN_Indiana	1521	HARN	inhpgn
NAD_1983_To_HARN_Iowa	1705	HARN	iahpgn
NAD_1983_To_HARN_Kansas	1522	HARN	ksHPGN
NAD_1983_To_HARN_Kentucky	1483	HARN	kyhpgn
NAD_1983_To_HARN_Louisiana	1484	HARN	lahpgn
NAD_1983_To_HARN_MD_DE	1485	HARN	mdhpgn
NAD_1983_To_HARN_Maine	1486	HARN	mehpgn
NAD_1983_To_HARN_Michigan	1487	HARN	mihpgn
NAD_1983_To_HARN_Minnesota	1706	HARN	mnHPGN
NAD_1983_To_HARN_Mississippi	1488	HARN	mshpgn
NAD_1983_To_HARN_Missouri	1707	HARN	mohpgn
NAD_1983_To_HARN_East_MT_ID	1481	HARN	emhpgn
NAD_1983_To_HARN_West_MT_ID	1482	HARN	wmHPGN
NAD_1983_To_HARN_Nebraska	1489	HARN	nbHPGN
NAD_1983_To_HARN_Nevada	1523	HARN	nvHPGN
NAD_1983_To_HARN_New_England	1490	HARN	nehpgn

NAD_1983_To_HARN_New_Jersey	1554	HARN	njhpgn
NAD_1983_To_HARN_New_Mexico	1491	HARN	nmhpgn
NAD_1983_To_HARN_New_York	1492	HARN	nyhpgn
NAD_1983_To_HARN_North_Carolina	15834	HARN	nchpgn
NAD_1983_To_HARN_North_Dakota	1493	HARN	ndhpgn
NAD_1983_To_HARN_Ohio	1524	HARN	ohhpgn
NAD_1983_To_HARN_Oklahoma	1494	HARN	okhpgn
NAD_1983_To_HARN_Pennsylvania	15838	HARN	pahpgn
NAD_1983_To_HARN_PR_VI	1495	HARN	pvhpgn
NAD_1983_To_HARN_South_Carolina	15836	HARN	schpgn
NAD_1983_To_HARN_South_Dakota	1496	HARN	sdhpgn
NAD_1983_To_HARN_Tennessee	1497	HARN	tnhpgn
NAD_1983_To_HARN_East_Texas	1498	HARN	ethpgn
NAD_1983_To_HARN_West_Texas	1499	HARN	wthpgn
NAD_1983_To_HARN_Utah	1525	HARN	uthpgn
NAD_1983_To_HARN_Virginia	1500	HARN	vahpgn
NAD_1983_To_HARN_WA_OR	1501	HARN	wohpgn
NAD_1983_To_HARN_West_Virginia	1526	HARN	wvhpgn
NAD_1983_To_HARN_Wisconsin	1502	HARN	wihpgn
NAD_1983_To_HARN_Wyoming	1503	HARN	wyhpgn

Geographic (datum) transformations—NTv2 method

Name	Code	Dataset name
AGD_1966_To_GDA_1994_10_NTv2_New_South_Wales_&_Victoria	1596	SEAust_21_06_00
AGD_1966_To_GDA_1994_11_NTv2	1803	A66_National_13_09_01
AGD_1966_To_GDA_1994_NTv2_Northern_Territory	1507	nt_0599
AGD_1966_To_GDA_1994_NTv2_Tasmania	1506	Tas_1098
AGD_1966_To_GDA_1994_NTv2_Victoria	1464	Vic_0799
AGD_1966_To_WGS_1984_17_NTv2	15786	A66_National_13_09_01
AGD_1984_To_GDA_1994_3	1559	wa_0400
AGD_1984_To_GDA_1994_4_NTv2_Western_Australia	1593	wa_0700
AGD_1984_To_GDA_1994_5_NTv2	1804	National_84_02_07_01.gsb
AGD_1984_To_GDA_1994_NTv2_Queensland	108453	QLD_0900
AGD_1984_To_WGS_1984_9_NTv2	15785	National_84_02_07_01.gsb
ATS_1977_To_NAD_1983_CSRS_NTv2_Maritimes	108302	GS7783
ATS_1977_To_NAD_1983_CSRS_NTv2_New_Brunswick	1841	NB7783v2
ATS_1977_To_NAD_1983_CSRS_NTv2_Nova_Scotia	1850	NS7783v2
ATS_1977_To_NAD_1983_CSRS_2_NTv2_Prince_Edward_Is	1846	PE7783v2
ATS_1977_To_WGS_1984_1	1688	NB7783v2
ATS_1977_To_WGS_1984_2	1689	PE7783v2
ATS_1977_To_WGS_1984_3	1851	NS778301
DHDN_To_ETRS_1989_8_NTv2	15948	BETA2007
DHDN_To_WGS_1984_4_NTv2	15949	BETA2007
ED_1950_To_ETRS_1989_12_NTv2_Spain_v2	15932	SPED2ETV2
ED_1950_To_WGS_1984_41_NTv2_Spain_v2	15933	SPED2ETV2
NAD_1927_CGQ77_To_NAD_1983_CSRS	1845	CGQ77-98
NAD_1927_CGQ77_To_NAD_1983_2	1575	CGQ77-83

NAD_1927_CGQ77_To_WGS_1984_3	1691	CGQ77-98
NAD_1927_Def_1976_To_NAD_1983_NTV2_Ontario	1463	May76v20
NAD_1927_Def_1976_To_WGS_1984_1	1690	May76v20
NAD_1927_To_NAD_1983_CSRS_1	1844	QUE27-98
NAD_1927_To_NAD_1983_CSRS_2	1847	SK27-98
NAD_1927_To_NAD_1983_NTV2_Canada	1313	Ntv2_0
NAD_1927_To_WGS_1984_6	1573	QUE27-83
NAD_1927_To_WGS_1984_32	1703	SK27-98
NAD_1927_To_WGS_1984_33	1693	Ntv2_0
NAD_1927_To_WGS_1984_34	1692	QUE27-98
NAD_1983_To_NAD_1983_CSRS_1	1843	NAD83-98
NAD_1983_To_NAD_1983_CSRS_2	1848	SK83-98
NAD_1983_To_NAD_1983_CSRS_3	1849	AB_CSRS
NAD_1983_To_WGS_1984_6	1696	NAD83-98
NAD_1983_To_WGS_1984_7	1697	SK83-98
NAD_1983_To_WGS_1984_8	1702	AB_CSRS
New_Zealand_1949_To_NZGD_2000_3_NTV2	1568	nzgd2kgrid0005
NZGD_1949_To_WGS_1984_3_NTV2	1670	nzgd2kgrid0005
PD/83_To_WGS_1984_1_NTV2	15955	BETA2007
PD/83_To_WGS_1984_1_NTV2	15954	BETA2007
RGF_1993_To_NTF_NTV2	108470	rgf93_ntf
RGNC_1991_To_IGN72_Grande_Terre_NTV2	108471	RGNC1991_IGN72GrandeTerre
RGNC_1991_To_NEA74_Noumea_NTV2	108472	RGNC1991_NEA74Noumea
WGS_1984_To_NTF_NTV2	108473	rgf93_ntf

Transformations by Longitude Rotation Method

Non-Greenwich prime meridians of to Greenwich

macro	code	area of use
PE_GT_BATAVIA_JAKARTA_TO_BATAVIA	8172	Batavia (Jakarta) to Batavia
PE_GT_BELGE_1950_BRUSSELS_TO_BELGE_1950	8168	Belge 1950(Brussels) to Belge 1950
PE_GT_BERN_1898_BERN_TO_BERN_1898	8161	Bern 1898 (Bern) to Bern 1898
PE_GT_BOGOTA_BOGOTA_TO_BOGOTA	8162	Bogota (Bogota) to Bogota
PE_GT_GREEK_ATHENS_TO_GREEK	8179	Greek(Athens) to Greek
PE_GT_LISBON_LISBON_TO_LISBON	8163	Lisbon (Lisbon) to Lisbon
PE_GT_MAKASSAR_JAKARTA_TO_MAKASSAR	8164	Makassar (Jakarta) to Makassar
PE_GT_MGI_FERRO_TO_MGI	8165	MGI (Ferro) to MGI
PE_GT_MONTE_MARIO_ROME_TO_MONTE_MARIO	8166	Monte Mario (Rome) to Monte Mario
PE_GT_NGO_1948_OSLO_TO_NGO_1948	8411	NGO 1948 (Oslo) to NGO 1948
PE_GT_NTF_PARIS_TO_NTF	8160	NTF (Paris) to NTF
PE_GT_PADANG_1884_JAKARTA_TO_PADANG_1884	8167	Padang 1884(Jakarta) to Padang 1884
PE_GT_RT38_STOCKHOLM_TO_RT38	8173	RT38 (Stockholm) to RT38
PE_GT_TANANARIVE_1925_PARIS_TO_TANANARIVE_1925	8169	Tananarive 1925 (Paris) to Tananarive 1925
PE_GT_VOIROL_1875_PARIS_TO_VOIROL_1875	8170	Voirol 1875 (Paris) to Voirol 1875
PE_GT_VOIROL_UNIFIE_1960_PARIS_TO_VOIROL_UNIFIE_1960	8171	Voirol Unifie 1960 (Paris) to Voirol Unifie 1960

Transformations by NADCON/HARN Grid Method

Name	Code	Area of Use
NAD27 - NAD83 grid-based transformations		
NAD_1927_To_NAD_1983_NADCON	1241	NAD27 to NAD83—CONUS (lower 48 states)
NAD_1927_To_NAD_1983_Alaska	1243	NAD27 to NAD83—Alaska
NAD_1927_To_NAD_1983_PR_VI	108003	NAD27 to NAD83—Puerto Rico-Virgin Island
Old non-NAD27—NAD83 grid-based transformations		
Old_Hawaiian_To_NAD_1983	1454	Old Hawaiian to NAD83
St_George_To_NAD_1983	1457	St. George Island to NAD83
St_Lawrence_To_NAD_1983	1455	St. Lawrence Island to NAD83
St_Paul_To_NAD_1983	1456	St. Paul Island to NAD83
HARN (HPGN) grid-based transformations		
American_Samoa_1962_To_HARN_American_Samoa_East	1579	American Samoa HARN – Ofu, Olosega, Ta'u Islands
American_Samoa_1962_To_HARN_American_Samoa_West	1578	American Samoa HARN – Aunu'u and Tutuila Islands
Guam_1963_To_HARN_Guam	1068	Guam HARN
Guam_1963_To_HARN_Rota	108305	Rota (Marianas) HARN
Guam_1963_To_HARN_Saipan	108304	Saipan (Marianas) HARN
NAD_1983_To_HARN_Alabama	1474	Alabama HARN
NAD_1983_To_HARN_Arizona	1475	Arizona HARN
NAD_1983_To_HARN_Arkansas	1704	Arkansas HARN
NAD_1983_To_HARN_CA_N	1476	California North HARN - above 37N
NAD_1983_To_HARN_CA_S	1477	California South HARN - below 37N
NAD_1983_To_HARN_Colorado	1478	Colorado HARN
NAD_1983_To_HARN_Florida	1480	Florida HARN
NAD_1983_To_HARN_Georgia	1479	Georgia HARN
NAD_1983_To_HARN_Hawaii	1520	Hawai'i HARN
NAD_1983_To_HARN_Iowa	1705	Iowa HARN
NAD_1983_To_HARN_Illinois	1553	Illinois HARN
NAD_1983_To_HARN_Indiana	1521	Indiana HARN
NAD_1983_To_HARN_Kansas	1522	Kansas HARN
NAD_1983_To_HARN_Kentucky	1483	Kentucky HARN
NAD_1983_To_HARN_Louisiana	1484	Louisiana HARN
NAD_1983_To_HARN_MD_DE	1485	Maryland & Delaware HARN
NAD_1983_To_HARN_Maine	1486	Maine HARN
NAD_1983_To_HARN_Michigan	1487	Michigan HARN
NAD_1983_To_HARN_Minnesota	1706	Minnesota HARN
NAD_1983_To_HARN_Mississippi	1488	Mississippi HARN
NAD_1983_To_HARN_Missouri	1707	Missouri HARN
NAD_1983_To_HARN_East_MT_ID	1481	Idaho & Montana HARN—E of 113W
NAD_1983_To_HARN_West_MT_ID	1482	Idaho & Montana HARN—W of 113W
NAD_1983_To_HARN_Nebraska	1489	Nebraska HARN
NAD_1983_To_HARN_Nevada	1523	Nevada HARN
NAD_1983_To_HARN_New_England	1490	New England—CT,MA,NH,RI,VT HARN

NAD_1983_To_HARN_New_Jersey	1554	New Jersey HARN
NAD_1983_To_HARN_New_Mexico	1491	New Mexico HARN
NAD_1983_To_HARN_New_York	1492	New York HARN
NAD_1983_To_HARN_North_Carolina	15834	North Carolina HARN
NAD_1983_To_HARN_North_Dakota	1493	North Dakota HARN
NAD_1983_To_HARN_Ohio	1524	Ohio HARN
NAD_1983_To_HARN_Oklahoma	1494	Oklahoma HARN
NAD_1983_To_HARN_Pennsylvania	15838	Pennsylvania HARN
NAD_1983_To_HARN_PR_VI	1495	Puerto Rico & Virgin Islnds HARN
NAD_1983_To_HARN_South_Carolina	15836	South Carolina HARN
NAD_1983_To_HARN_South_Dakota	1496	South Dakota HARN
NAD_1983_To_HARN_Tennessee	1497	Tennessee HARN
NAD_1983_To_HARN_East_Texas	1498	Texas HARN - E of 100W
NAD_1983_To_HARN_West_Texas	1499	Texas HARN - W of 100W
NAD_1983_To_HARN_Utah	1525	Utah HARN
NAD_1983_To_HARN_Virginia	1500	Virginia HARN
NAD_1983_To_HARN_WA_OR	1501	Washington & Oregon HARN
NAD_1983_To_HARN_West_Virginia	1526	West Virginia HARN
NAD_1983_To_HARN_Wisconsin	1502	Wisconsin HARN
NAD_1983_To_HARN_Wyoming	1503	Wyoming HARN

NADCON/HARN grid extents

Name	Area of Interest	MinLon	MinLat	MaxLon	MaxLat
ALASKA	Alaska	-194.0	46.0	-128.0	77.0
CONUS	lower 48 states	-131.0	20.0	-63.0	50.0
HAWAII	Hawai'i	-161.0	18.0	-154.0	23.0
PRVI	Puerto Rico/Virgin Islands	-68.0	17.0	-64.0	19.0
STGEORGE	St George, AK	-171.0	56.0	-169.0	57.0
STLRNC	St Lawrence, AK	-172.0	62.0	-168.0	64.0
STPAUL	St Paul, AK	-171.0	57.0	-169.0	58.0
ALHPGN	Alabama	-90.0	30.0	-84.0	36.0
ARHPGN	Arkansas	-95.0	32.0	-88.75	37.0
AZHPGN	Arizona	-116.0	30.0	-108.0	38.0
CNHPGN	California-North of 37 N	-125.0	36.0	-114.0	43.0
COHPGN	Colorado	-110.0	36.0	-101.0	42.0
CSHPGN	California-South of 37 N	-122.0	32.0	-113.0	37.0
EMHPGN	Idaho/Montana-East of 113 W	-113.0	41.0	-103.0	50.0
ESHPGN	American Samoa	-171.0	-14.0	-165.0	-20.0
ETHPGN	Texas-East of 100 W	-100.0	25.0	-87.75	35.0
FLHPGN	Florida	-88.0	24.0	-80.0	32.0
GAHPGN	Georgia	-86.0	30.0	-80.0	36.0
GUHPGN	Guam	141.0	13.0	147.0	19.0
HIHPGN	Hawai'i	-162.0	18.0	-154.0	24.0
IAHPGN	Iowa	-98.0	40.0	-89.0	44.0
ILHPGN	Illinois	-92.0	36.0	-85.0	43.0
INHPGN	Indiana	-89.0	37.0	-80.5	45.5

KSHPGN	Kansas	-103.0	36.0	-94.0	41.0
KYHPGN	Kentucky	-90.0	36.0	-81.0	40.0
LAHPGN	Louisiana	-95.0	27.0	-88.0	34.0
MDHPGN	Maryland and Delaware	-80.0	37.0	-74.0	41.0
MEHPGN	Maine	-72.0	42.0	-66.0	48.0
MIHPGN	Michigan	-91.0	41.0	-82.0	48.0
MNHPGN	Minnesota	-98.0	43.0	-88.0	50.0
MOHPGN	Missouri	-97.0	35.0	-88.0	42.0
MSHPGN	Mississippi	-92.0	29.0	-86.0	36.0
NBHPGN	Nebraska	-104.5	39.5	-94.5	43.5
NDHPGN	North Dakota	-105.0	45.0	-95.0	50.0
NEHPGN	NH, VT, CT, MA, RI	-75.0	40.0	-69.0	46.0
NJHPGN	New Jersey	-76.0	38.0	-70.0	44.0
NMHPGN	New Mexico	-110.0	31.0	-101.0	38.0
NVHPGN	Nevada	-120.5	34.5	-113.5	42.5
NYHPGN	New York	-81.0	40.0	-70.0	46.0
OHHPGN	Ohio	-86.0	38.0	-80.0	43.0
OKHPGN	Oklahoma	-104.0	33.0	-94.0	38.0
PVHPGN	Puerto Rico, Virgin Islands	-68.0	17.0	-62.0	21.0
SDHPGN	South Dakota	-105.0	41.0	-95.0	47.0
TNHPGN	Tennessee	-91.0	34.0	-81.0	37.0
UTHPGN	Utah	-115.0	36.0	-107.0	43.0
VAHPGN	Virginia	-84.0	36.0	-75.0	40.0
WIHPGN	Wisconsin	-94.0	42.0	-86.0	48.0
WMHPGN	Idaho/Montana-West of 113 W	-119.0	41.0	-109.0	50.0
WOHPGN	Washington/Oregon	-125.0	41.0	-116.0	50.0
WSHPGN	American Samoa	-171.0	-14.0	-165.0	-20.0
WTHPGN	Texas-West of 100 W	-107.0	25.0	-99.0	37.0
WVHPGN	West Virginia	-84.0	36.0	-77.0	41.0
WYHPGN	Wyoming	-111.5	40.5	-103.5	45.5

Geographic(datum) transformations—Areas of use

Name	Code	Area of use
Abidjan_1987_To_WGS_1984	1470	Cote d'Ivoire
Accra_To_WGS_1972_BE	1570	Ghana - offshore
Accra_To_WGS_1984	1569	Ghana
Adindan_To_WGS_1984_1	1100	Eritrea, Ethiopia and Sudan
Adindan_To_WGS_1984_2	1101	Burkina Faso
Adindan_To_WGS_1984_3	1102	Cameroon
Adindan_To_WGS_1984_4	1103	Ethiopia
Adindan_To_WGS_1984_5	1104	Mali
Adindan_To_WGS_1984_6	1105	Senegal
Adindan_To_WGS_1984_7	1106	Sudan
Afgooye_To_WGS_1984	1107	Somalia
AGD_1966_To_GDA_1994	1278	Australia
AGD_1966_To_GDA_1994_2	1458	Australia - ACT
AGD_1966_To_GDA_1994_3	1459	Australia - Tasmania
AGD_1966_To_GDA_1994_4	1460	Australia - New South Wales & Victoria
AGD_1966_To_GDA_1994_8	1594	Australia - Tasmania
AGD_1966_To_GDA_1994_9	1595	Australia - Northern Territory
AGD_1966_To_GDA_1994_10_NTv2_New_South_Wales_&_Victoria	1596	Australia - New South Wales, Victoria, & ACT
AGD_1966_To_GDA_1994_11_NTv2	1803	Australia
AGD_1966_To_GDA_1994_NTv2_Northern_Territory	1507	Australia - Northern Territory
AGD_1966_To_GDA_1994_NTv2_Tasmania	1506	Australia - Tasmania
AGD_1966_To_GDA_1994_NTv2_Victoria	1464	Australia - Victoria
AGD_1966_To_WGS_1984	1108	Australia
AGD_1966_To_WGS_1984_12	1665	Australia - ACT
AGD_1966_To_WGS_1984_13	1666	Australia - NSW & Victoria
AGD_1966_To_WGS_1984_14	1667	Australia - Tasmania
AGD_1966_To_WGS_1984_15	1668	Australia - Northern Territory
AGD_1966_To_WGS_1984_16	15788	Australia - Australian Capital Territory; New South Wales; Northern Territories; Queensland; South Australia; Tasmania; Western Australia; Victoria
AGD_1966_To_WGS_1984_17_NTv2	15786	Australia
AGD_1984_To_GDA_1994	1279	Australia
AGD_1984_To_GDA_1994_2	1280	Australia
AGD_1984_To_GDA_1994_3	1559	Western Australia
AGD_1984_To_GDA_1994_4_NTv2_Western_Australia	1593	Western Australia
AGD_1984_To_GDA_1994_5_NTv2	1804	Australia - Queensland, South Australia, Western Australia
AGD_1984_To_GDA_1994_NTv2_Queensland	108453	Queensland
AGD_1984_To_WGS_1984_1	1109	Australia
AGD_1984_To_WGS_1984_2	1236	Australia
AGD_1984_To_WGS_1984_7	1669	Australia

AGD_1984_To_WGS_1984_8	15789	Australia - Australian Capital Territory; New South Wales; Northern Territories; Queensland; South Australia; Tasmania; Western Australia; Victoria
AGD_1984_To_WGS_1984_9_NTv2	15785	Australia - Queensland, South Australia, Western Australia
Ain_EI_Abd_To_WGS_1984_1	1110	Bahrain
Ain_EI_Abd_To_WGS_1984_2	1111	Saudi Arabia
Ain_el_Abd_To_WGS_1984_3	1055	Kuwait
Ain_EI_Abd_To_WGS_1984_4	1056	Kuwait
Ain_EI_Abd_To_WGS_1984_5	1057	Kuwait - N of a line connecting Al Jahra' and Kuwait/Iraq/Saudi Arabia border tripoint
Ain_EI_Abd_To_WGS_1984_6	1058	Kuwait - S of a line connecting Al Jahra' and Kuwait/Iraq/Saudi Arabia border tripoint
American_Samoa_1962_To_HARN_American_Samoa_East	1579	American Samoa East - Ofu, Olosega, & Ta'u islands
American_Samoa_1962_To_HARN_American_Samoa_West	1578	American Samoa West - Tutuila & Aunu'u islands
American_Samoa_1962_To_WGS_1984	1577	American Samoa
American_Samoa_1962_To_WGS_1984_2	1694	American Samoa - HARN Tutuila and Aunu'u islands
American_Samoa_1962_To_WGS_1984_3	1695	American Samoa - HARN Ofu, Olosega and Ta'u islands
Amersfoort_To_ETRS_1989	1751	Netherlands
Amersfoort_To_ETRS_1989_3	15739	Netherlands
Amersfoort_To_ETRS_1989_4	15740	Netherlands
Amersfoort_To_ETRS_1989_MB	1066	Netherlands
Amersfoort_To_WGS_1984	1112	Netherlands
Amersfoort_To_WGS_1984_2	1672	Netherlands
Amersfoort_To_WGS_1984_3	15934	Netherlands
Amersfoort_To_WGS_1984_4X	108237	Netherlands
Ammassalik_1958_To_Greenland_1996_1	15900	Greenland - onshore and offshore
Ammassalik_1958_To_WGS_1984_1	1800	Greenland - Ammassalik area
Anna_1_1965_To_WGS_1984	15794	Cocos Islands
Antigua_1943_To_WGS_1984	1441	Antigua
Antigua_1943_To_WGS_1984_NGA	15811	Leeward Islands - Antigua Island
Aratu_To_WGS_1984_1	1549	Brazil - Campos; Espiritu Santo, Santos basin
Aratu_To_WGS_1984_2	1550	Brazil - Tucano basin north
Aratu_To_WGS_1984_3	1551	Brazil - Tucano basin central
Aratu_To_WGS_1984_4	1552	Brazil - Tucano basin south
Aratu_To_WGS_1984_5	10089	Brazil - offshore - Santos basin
Aratu_To_WGS_1984_6	10090	Brazil - offshore - Campos basin
Aratu_To_WGS_1984_7	10091	Brazil - offshore - Espiritu Santo basin
Aratu_To_WGS_1984_8	10092	Brazil - offshore - Pelotas basin
Aratu_To_WGS_1984_9	10093	Brazil - offshore south of 18° South
Aratu_To_WGS_1984_10	15710	Brazil - offshore - Campos basin
Aratu_To_WGS_1984_11	15711	Brazil - offshore - Santos basin
Aratu_To_WGS_1984_12	15712	Brazil - offshore - Espiritu Santo basin
Arc_1950_To_WGS_1984_1	1113	Botswana, Malawi, Swaziland, Zaire, Zambia, and Zimbabwe

Arc_1950_To_WGS_1984_2	1114	Botswana
Arc_1950_To_WGS_1984_3	1115	Burundi
Arc_1950_To_WGS_1984_4	1116	Lesotho
Arc_1950_To_WGS_1984_5	1117	Malawi
Arc_1950_To_WGS_1984_6	1118	Swaziland
Arc_1950_To_WGS_1984_7	1119	Zaire
Arc_1950_To_WGS_1984_8	1120	Zambia
Arc_1950_To_WGS_1984_9	1121	Zimbabwe
Arc_1960_To_WGS_1984	1122	Kenya and Tanzania
Arc_1960_To_WGS_1984_2	1284	Kenya
Arc_1960_To_WGS_1984_3	1285	Tanzania
Ascension_Island_1958_To_WGS_1984	15797	Ascension Island
Astro_1952_To_WGS_1984	15799	Marcus Island
ATS_1977_To_NAD_1983_CSRS_2_NTv2_Prince_Edward_Is	1846	Canada - Prince Edward Island
ATS_1977_To_NAD_1983_CSRS_NTv2_Maritimes	108302	Canada - Maritimes
ATS_1977_To_NAD_1983_CSRS_NTv2_New_Brunswick	1841	Canada - New Brunswick
ATS_1977_To_NAD_1983_CSRS_NTv2_Nova_Scotia	1850	Canada - Nova Scotia
ATS_1977_To_WGS_1984_1	1688	Canada - New Brunswick
ATS_1977_To_WGS_1984_2	1689	Canada - Prince Edward Island
ATS_1977_To_WGS_1984_3	1851	Canada - Nova Scotia
Australian_Antarctic_1998_To_WGS_1984_1	1890	Antarctica
Ayabelle_To_WGS_1984	15800	Djibouti
Azores_Central_1948_To_WGS_1984_1	1886	Azores - Graciosa, Terceira, Sao Jorge, Pico, Faial
Azores_Central_1995_To_WGS_1984_2	1972	Azores - central, Terceira island
Azores_Central_1995_To_WGS_1984_3	1973	Azores - central, Terceira island
Azores_Central_1995_To_WGS_1984_4	1974	Azores - central, Faial island
Azores_Central_1995_To_WGS_1984_5	1975	Azores - central, Terceira island
Azores_Central_1995_To_WGS_1984_6	1976	Azores - central, Pico island
Azores_Central_1995_To_WGS_1984_7	1977	Azores - central, Pico island
Azores_Central_1995_To_WGS_1984_8	1978	Azores - central, Sao Jorge island
Azores_Central_1995_To_WGS_1984_9	1979	Azores - central, Sao Jorge island
Azores_Central_1995_To_WGS_1984_10	1980	Azores - Faial, Graciosa, Pico, Sao Jorge, and Terceira islands
Azores_Central_1995_To_WGS_1984_11	1981	Azores - Faial, Graciosa, Pico, Sao Jorge, and Terceira islands
Azores_Occidental_1939_To_WGS_1984_1	1887	Azores - Flores, Corvo
Azores_Occidental_1939_To_WGS_1984_2	1982	Azores - Flores, Corvo islands
Azores_Oriental_1940_To_WGS_1984_1	1885	Azores - Sao Miguel and Santa Maria
Azores_Oriental_1995_To_WGS_1984_2	1968	Azores - Sao Miguel island
Azores_Oriental_1995_To_WGS_1984_3	1969	Azores - Sao Miguel island
Azores_Oriental_1995_To_WGS_1984_4	1970	Azores - Santa Maria and Sao Miguel islands
Azores_Oriental_1995_To_WGS_1984_5	1971	Azores - Santa Maria and Sao Miguel islands
Bab_South_To_NAD_1983	108134	Bablethuap Island - Republic of Palau
Barbados_1938_To_WGS_1984_1	15793	Barbados

Batavia_Jakarta_To_Batavia	1759	Indonesia
Batavia_Jakarta_To_WGS_1984	8178	Indonesia
Batavia_To_WGS_1984	1123	Indonesia - Sumatra
Batavia_To_WGS_1984_2	1813	Indonesia - Java Sea - offshore northwest Java
Batavia_To_WGS_1984_3	1814	Indonesia - eastern Java Sea
Beacon_E_1945_To_WGS_1984	15796	Iwo Jima
Beduaram_To_WGS_1972_BE_1	1839	Nigeria - southeast
Beduaram_To_WGS_1984_2	15849	Niger - south east
Beijing_1954_To_WGS_1984_1	15918	China - Orduz basin
Beijing_1954_To_WGS_1984_2	15919	China - offshore Yellow Sea
Beijing_1954_To_WGS_1984_3	15920	China - offshore South China Sea - Pearl River basin
Beijing_1954_To_WGS_1984_4	15921	China - south and west Tarim basin
Beijing_1954_To_WGS_1984_5	15935	China - south and west Tarim basin
Beijing_1954_To_WGS_1984_6	15936	China - Orduz basin
Belge_1950_Brussels_To_Belge_1950	1264	Belgium
Belge_1972_To_ETRS_1989_1	1652	Belgium
Belge_1972_To_ETRS_1989_2	15928	Belgium
Belge_1972_To_WGS_1984_1	1609	Belgium
Belge_1972_To_WGS_1984_2	1610	Belgium
Belge_1972_To_WGS_1984_3	15929	Belgium
Bellevue_IGN_To_WGS_1984	15801	Efate & Erromango Islands
Bermuda_1957_To_WGS_1984	1124	Bermuda
Bern_1898_Bern_To_Bern_1898	8161	Switzerland
Bern_1898_Bern_To_CH1903	1765	Switzerland
Bissau_To_WGS_1984	1547	Guinea-Bissau
Bogota_Bogota_To_Bogota	1755	Colombia
Bogota_Bogota_To_WGS_1984	8174	Colombia
Bogota_To_MAGNA_Region_1_CF	15714	Colombia - Region I - Coordinate frame
Bogota_To_MAGNA_Region_1_MB	15730	Colombia - Region I - Molodensky-Badekas
Bogota_To_MAGNA_Region_2_CF	15716	Colombia - region II - Coordinate frame
Bogota_To_MAGNA_Region_2_MB	15731	Colombia - Region II - Molodensky-Badekas
Bogota_To_MAGNA_Region_3_CF	15718	Colombia - region III - Coordinate frame
Bogota_To_MAGNA_Region_3_MB	15732	Colombia - Region III - Molodensky-Badekas
Bogota_To_MAGNA_Region_4_CF	15720	Colombia - region IV - Coordinate frame
Bogota_To_MAGNA_Region_4_MB	15733	Colombia - Region IV - Molodensky-Badekas
Bogota_To_MAGNA_Region_5_CF	15722	Colombia - region V - Coordinate frame
Bogota_To_MAGNA_Region_5_MB	15734	Colombia - Region V - Molodensky-Badekas
Bogota_To_MAGNA_Region_6_CF	15724	Colombia - region VI - Coordinate frame
Bogota_To_MAGNA_Region_6_MB	15735	Colombia - Region VI - Molodensky-Badekas
Bogota_To_MAGNA_Region_7_CF	15726	Colombia - region VII - Coordinate frame
Bogota_To_MAGNA_Region_7_MB	15736	Colombia - Region VII - Molodensky-Badekas
Bogota_To_MAGNA_Region_8_CF	15728	Colombia - region VIII - Coordinate frame

Bogota_To_MAGNA_Region_8_MB	15737	Colombia - Region VIII - Molodensky-Badekas
Bogota_To_WGS_1984	1125	Colombia
Bogota_To_WGS_1984_2	1597	Colombia - Casanare, BP Cusiana/Cupiagua field areas
Bogota_To_WGS_1984_Region_1_CF	15715	Colombia - Region I - Coordinate frame
Bogota_To_WGS_1984_Region_2_CF	15717	Colombia - region II - Coordinate frame
Bogota_To_WGS_1984_Region_3_CF	15719	Colombia - region III - Coordinate frame
Bogota_To_WGS_1984_Region_4_CF	15721	Colombia - region IV - Coordinate frame
Bogota_To_WGS_1984_Region_5_CF	15723	Colombia - region V - Coordinate frame
Bogota_To_WGS_1984_Region_6_CF	15725	Colombia - region VI - Coordinate frame
Bogota_To_WGS_1984_Region_7_CF	15727	Colombia - region VII - Coordinate frame
Bogota_To_WGS_1984_Region_8_CF	15729	Colombia - region VIII - Coordinate frame
Bukit_Rimpah_To_WGS_1984	1126	Indonesia - Bangka and Belitung Islands
Camacupa_To_WGS_1972_BE_1	1317	Angola - offshore
Camacupa_To_WGS_1984_1	1318	Angola - offshore block 5
Camacupa_To_WGS_1984_10	1327	Angola - offshore block 2, 3, & 17
Camacupa_To_WGS_1984_2	1319	Angola - offshore block 2
Camacupa_To_WGS_1984_3	1320	Angola - offshore block 1 & 16
Camacupa_To_WGS_1984_4	1321	Angola - offshore block 7 & 8
Camacupa_To_WGS_1984_5	1322	Angola - offshore block 3
Camacupa_To_WGS_1984_6	1323	Angola - offshore block 7
Camacupa_To_WGS_1984_7	1324	Angola - offshore block 3, 7, 15, & 17
Camacupa_To_WGS_1984_8	1325	Angola - offshore block 2
Camacupa_To_WGS_1984_9	1326	Angola - offshore block 1 & 16
Camp_Area_To_WGS_1984	15802	Antarctica - McMurdo Base
Campo_Inchauspe_To_POSGAR_1994_1	15782	Argentina - onshore and offshore
Campo_Inchauspe_To_WGS_1984	1127	Argentina
Campo_Inchauspe_To_WGS_1984_2	1527	Argentina - Neuquen province, Chos Malal area
Canton_1966_To_WGS_1984	15803	Phoenix Islands
Cape_Canaveral_To_WGS_1984	15804	Florida & the Bahamas
Cape_To_Hartebeesthoek94	1504	South Africa
Cape_To_WGS_1984_1	1128	South Africa
Cape_To_WGS_1984_2	1129	South Africa
Carthage_Paris_To_Carthage	1881	Tunisia
Carthage_To_WGS_1984	1130	Tunisia
Carthage_To_WGS_1984_2	1538	Tunisia - offshore
CH1903_To_ETRS_1989_1	1646	Switzerland
CH1903_To_WGS_1984_1	1753	Liechtenstein, Switzerland
CH1903_To_WGS_1984_2	1510	Liechtenstein, Switzerland
CH1903+_To_CHTRF_1995	1509	Liechtenstein, Switzerland
CH1903+_To_ETRS_1989_1	1647	Switzerland
CH1903+_To_WGS_1984_1	1676	Switzerland
Chatham_Island_1971_To_WGS_1984	1080	Chatham Island

Chatham_Islands_1979_To_NZGD_2000_1	1082	Chatham Islands
Chatham_Islands_1979_To_WGS_1984_1	1081	Chatham Islands
Chos_Malal_1914_To_Campo_Inchauspe	1528	Argentina - Neuquen province, Chos Malal area
Chos_Malal_1914_To_WGS_1984	8517	Argentina - Neuquen province, Chos Malal area
CHTRF_1995_To_WGS_1984	1511	Liechtenstein, Switzerland
Chua_To_WGS_1984	1131	Paraguay
Combani_1950_To_WGS_1984_1	1916	Mayotte
Conakry_1905_To_WGS_1984	1517	Guinea
Corrego_Alegre_To_WGS_1984	1132	Brazil
CSG_1967_To_RGFG_1995_1	1908	French Guiana
CSG_1967_To_WGS_1984_1	1906	French Guiana
D48_To_ETRS_1989	108276	Slovenia
D48_To_ETRS_1989_2007	108308	Slovenia - up to 1m accuracy
D48_To_ETRS_1989_Dolenjska	108322	Slovenia - Dolenjska up to 30cm accuracy
D48_To_ETRS_1989_Gorenjska	108318	Slovenia - Gorenjska up to 30cm accuracy
D48_To_ETRS_1989_Jugovzhodna_Slovenia	108314	Slovenia - Jugovzhodna Slovenia up to 50cm accuracy
D48_To_ETRS_1989_Juzna_Slovenia	108324	Slovenia - Juzna Slovenia up to 30cm accuracy
D48_To_ETRS_1989_Osrednja_Slovenia	108320	Slovenia - Osrednja Slovenia up to 30cm accuracy
D48_To_ETRS_1989_Pomurje	108328	Slovenia - Pomurje up to 30cm accuracy
D48_To_ETRS_1989_Primorska	108326	Slovenia - Primorska up to 30cm accuracy
D48_To_ETRS_1989_Severovzhodna_Slovenia	108312	Slovenia - Severovzhodna Slovenia up to 50cm accuracy
D48_To_ETRS_1989_Stajerska	108316	Slovenia - Stajerska up to 30cm accuracy
D48_To_ETRS_1989_Zahodna_Slovenia	108310	Slovenia - Zahodna Slovenia up to 50cm accuracy
D48_To_WGS_1984	108277	Slovenia
D48_To_WGS_1984_2007	108309	Slovenia - up to 1m accuracy
D48_To_WGS_1984_Dolenjska	108323	Slovenia - Dolenjska up to 30cm accuracy
D48_To_WGS_1984_Gorenjska	108319	Slovenia - Gorenjska up to 30cm accuracy
D48_To_WGS_1984_Jugovzhodna_Slovenia	108315	Slovenia - Jugovzhodna Slovenia up to 50cm accuracy
D48_To_WGS_1984_Juzna_Slovenia	108325	Slovenia - Juzna Slovenia up to 30cm accuracy
D48_To_WGS_1984_Osrednja_Slovenia	108321	Slovenia - Osrednja Slovenia up to 30cm accuracy
D48_To_WGS_1984_Pomurje	108329	Slovenia - Pomurje up to 30cm accuracy
D48_To_WGS_1984_Primorska	108327	Slovenia - Primorska up to 30cm accuracy
D48_To_WGS_1984_Severovzhodna_Slovenia	108313	Slovenia - Severovzhodna Slovenia up to 50cm accuracy
D48_To_WGS_1984_Stajerska	108317	Slovenia - Stajerska up to 30cm accuracy
D48_To_WGS_1984_Zahodna_Slovenia	108311	Slovenia - Zahodna Slovenia up to 50cm accuracy
Dabola_To_WGS_1984	1518	Guinea
Datum_73_To_ETRS_1989_1	1657	Portugal
Datum_73_To_ETRS_1989_3	1992	Portugal
Datum_73_To_WGS_1984_1	108110	Portugal
Datum_73_To_WGS_1984_2	108120	Portugal
Datum_73_To_WGS_1984_3	1983	Portugal
Datum_73_To_WGS_1984_4	1987	Portugal

Datum_Lisboa_Bessel_To_WGS_1984_1	108113	Portugal
Datum_Lisboa_Bessel_To_WGS_1984_2	108123	Portugal
Datum_Lisboa_Hayford_To_Datum_73_1	108222	Portugal 3 Param
Datum_Lisboa_Hayford_To_Datum_73_2	108223	Portugal 7 Param
Datum_Lisboa_Hayford_To_Datum_Lisboa_Bessel_1	108224	Portugal 3 Param
Datum_Lisboa_Hayford_To_Datum_Lisboa_Bessel_2	108225	Portugal 7 Param
Datum_Lisboa_Hayford_To_WGS_1984_1	108114	Portugal
Datum_Lisboa_Hayford_To_WGS_1984_2	108124	Portugal
Dealul_Piscului_1933_To_WGS_1984_1	1995	Romania
Dealul_Piscului_1970_To_WGS_1984_1	1996	Romania
Dealul_Piscului_1970_To_WGS_1984_2	1097	Romania
Deception_Island_To_WGS_1984	15812	Antarctica - Deception Island
Deir_ez_Zor_To_WGS_1972_BE	1584	Syrian Arab Republic - Deir area (35° 22' N, 40° 06' E)
Deir_ez_Zor_To_WGS_1984_2	15741	Syria - Deir area (35° 22' N 40° 06' E)
Deir_ez_Zor_To_WGS_1984_3	1586	Syrian Arab Republic - Al Whaleed area
Deir_ez_Zor_To_WGS_1984_4	1587	Syrian Arab Republic - Shaddadeh area (36° N, 41° E)
Deir_ez_Zor_To_WGS_1984_5	15742	Syria - onshore and offshore
Deir_ez_Zor_To_WGS_1984_6	15743	Syria - Deir area
DGN_1995_To_WGS_1984_1	15912	Indonesia
DHDN_To_ETRS_1989	1309	Germany - former W Germany
DHDN_To_ETRS_1989_2	1776	Germany - West
DHDN_To_ETRS_1989_3	1778	Germany - S of 50° 20' N
DHDN_To_ETRS_1989_4	1779	Germany - between 50° 20' N and 52° 20' N
DHDN_To_ETRS_1989_5	1780	Germany - N of 52° 20' N
DHDN_To_ETRS_1989_6	1781	Germany - Thuringen
DHDN_To_ETRS_1989_7	1782	Germany - Sachsen
DHDN_To_ETRS_1989_8_NTv2	15948	Germany - onshore
DHDN_To_WGS_1984_1	1673	Germany - West
DHDN_To_WGS_1984_2	1777	Germany - West
DHDN_To_WGS_1984_3	15869	Germany - Brandenburg, Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt, and Thuringen
DHDN_To_WGS_1984_3x	108206	Germany - S of 50° 20' N
DHDN_To_WGS_1984_4_NTv2	15949	Germany - onshore
DHDN_To_WGS_1984_4x	108207	Germany - between 50° 20' N and 52° 20' N
DHDN_To_WGS_1984_5x	108208	Germany - N of 52° 20' N
DHDN_To_WGS_1984_6x	108209	Germany - Thuringen
DHDN_To_WGS_1984_7x	108210	Germany - Sachsen
Dominica_1945_To_WGS_1984	1442	Dominica
DOS_1968_To_WGS_1984	108259	New Georgia Islands - Gizo
DOS_71_4_To_WGS_1984	15798	St. Helena Island
Douala_1948_To_WGS_1984_1	15873	Cameroon - coastal area
Easter_Island_1967_To_WGS_1984	15806	Easter Island

ED_1950_ED77_To_WGS_1984	1514	Iran
ED_1950_ED77_To_WGS_1984_2	1141	Iran
ED_1950_ED77_To_WGS_1984_3	1856	Iran - South Pars field blocks 2 & 3
ED_1950_ED77_To_WGS_1984_4	1857	Iran - Lavan Island & Balal field
ED_1950_ED77_To_WGS_1984_5	1858	Iran - Kharg Island
ED_1950_ED77_To_WGS_1984_6	15745	Iran - South Pars field phase 11
ED_1950_To_ED_1987_2	1147	Norway - offshore north of 65° N
ED_1950_To_ETRS_1989_1	1588	Norway -offshore N of 65° N Svalbard and Jan Mayen Islands
ED_1950_To_ETRS_1989_4	1626	Denmark
ED_1950_To_ETRS_1989_5	1628	Gibraltar
ED_1950_To_ETRS_1989_6	1630	Spain - Balearic Islands
ED_1950_To_ETRS_1989_7	1632	Spain - mainland except NW (N of 41° 30' N, W of 4° 30' W)
ED_1950_To_ETRS_1989_8	1634	Spain - Northwest (N of 41° 30' N, W of 4° 30' W)
ED_1950_To_ETRS_1989_9	1783	Turkey
ED_1950_To_ETRS_1989_10	1650	France
ED_1950_To_ETRS_1989_12_NTV2_Spain_v2	15932	Spain - mainland and Balearic Islands.
ED_1950_To_WGS_1984_1	1133	Austria, Belgium, Denmark, Finland, France, Germany (West), Gibraltar, Greece, Italy, Luxembourg, Netherlands, Norway, Spain, Sweden, Switzerland, and Portugal
ED_1950_To_WGS_1984_2	1134	Austria, Denmark, France, Germany (West), Netherlands, and Switzerland
ED_1950_To_WGS_1984_3	1135	Iraq, Israel, Jordan, Kuwait, Lebanon, Saudi Arabia, and Syria
ED_1950_To_WGS_1984_4	1136	Cyprus
ED_1950_To_WGS_1984_5	1137	Egypt
ED_1950_To_WGS_1984_6	1138	Ireland, United Kingdom
ED_1950_To_WGS_1984_7	1139	Finland, Norway
ED_1950_To_WGS_1984_8	1140	Greece
ED_1950_To_WGS_1984_9	108275	Iran
ED_1950_To_WGS_1984_10	1142	Italy - Sardinia
ED_1950_To_WGS_1984_11	1143	Italy - Sicily
ED_1950_To_WGS_1984_12	1144	Malta
ED_1950_To_WGS_1984_13	1145	Portugal, Spain
ED_1950_To_WGS_1984_16	1245	Tunisia
ED_1950_To_WGS_1984_17	1275	France
ED_1950_To_WGS_1984_18	1311	UK - offshore E of 6W
ED_1950_To_WGS_1984_19	1440	Greece
ED_1950_To_WGS_1984_23	1612	Norway -offshore N of 62N Svalbard and Jan Mayen Islands
ED_1950_To_WGS_1984_24	1613	Norway -offshore S of 62N
ED_1950_To_WGS_1984_25	1627	Denmark
ED_1950_To_WGS_1984_26	1629	Gibraltar
ED_1950_To_WGS_1984_27	1631	Spain - Balearic Islands
ED_1950_To_WGS_1984_28	1633	Spain - mainland except NW (N of 41° 30' N, W of 4° 30' W)
ED_1950_To_WGS_1984_29	1635	Spain - Northwest (N of 41° 30' N, W of 4° 30' W)

ED_1950_To_WGS_1984_30	1784	Turkey
ED_1950_To_WGS_1984_31	1810	Egypt - western desert
ED_1950_To_WGS_1984_32	1999	Netherlands - offshore, North Sea
ED_1950_To_WGS_1984_34	1989	Portugal
ED_1950_To_WGS_1984_36	1998	Germany - offshore, North Sea
ED_1950_To_WGS_1984_37	1087	Jordan
ED_1950_To_WGS_1984_38	1075	Israel and Palestine - offshore Mediterranean Sea
ED_1950_To_WGS_1984_39	1853	Ireland - offshore - Corrib and Errigal fields
ED_1950_To_WGS_1984_41_NTv2_Spain_v2	15933	Spain - mainland and Balearic Islands.
ED_1950_To_WGS_1984_PT3	108111	Portugal
ED_1950_To_WGS_1984_PT7	108121	Portugal
ED_1987_To_WGS_1984_1	1146	North Sea south of 62° N (UK,Denmark,Germany, Norway) and Netherlands (offshore)
ED_1987_To_WGS_1984_2	1960	Europe - west
Egypt_1907_To_WGS_1972	1545	Egypt
Egypt_1907_To_WGS_1984	1148	Egypt
Egypt_1907_To_WGS_1984_3	1546	Egypt - Gulf of Suez
Egypt_Gulf_of_Suez_S-650_TL_To_WGS_1972_BE_1	15792	Egypt - Gulf of Suez
Egypt_Gulf_of_Suez_S-650_TL_To_WGS_1984_2	15846	Egypt - Gulf of Suez
ELD_1979_To_LGD2006_1	15924	Libya - onshore
ELD_1979_To_WGS_1984_1	1859	Libya - Murzuq field
ELD_1979_To_WGS_1984_2	1860	Libya - Murzuq field
ELD_1979_To_WGS_1984_3	1861	Libya - Mabruk field
ELD_1979_To_WGS_1984_4	1862	Libya - Mabruk field
ELD_1979_To_WGS_1984_5	1863	Libya - Mabruk field
ELD_1979_To_WGS_1984_6	15707	Libya - Amal field
ELD_1979_To_WGS_1984_7	15778	Libya - Sirte Basin licence NC192
ELD_1979_To_WGS_1984_8	15909	Libya - onshore
ELD_1979_To_WGS_1984_9	15923	Libya - Cyrenaica area 42, blocks 2 and 4
Estonia_1937_To_ETRS_1989	108272	Estonia
Estonia_1937_To_WGS_1984_NGA	108261	Estonia
Estonia_1992_To_ETRS_1989	1331	Estonia
Estonia_1992_To_WGS_1984	1333	Estonia
Estonia_1997_To_ETRS_1989_1	1648	Estonia
Estonia_1997_To_WGS_1984_1	1649	Estonia
ETRF_1989_To_WGS_1984	108195	Europe
ETRS_1989_To_WGS_1984	1149	Europe
EUREF_FIN_To_ETRS_1989	108226	Finland
EUREF_FIN_To_WGS_1984	108227	Finland
European_1950_To_WGS_1984_33	1985	Portugal
European_1979_To_WGS_1984	15752	Europe - Austria, Finland, Netherlands, Norway, Spain, Sweden, & Switzerland

Fahud_To_WGS_1984	1256	Oman
Fahud_To_WGS_1984_2	1438	Oman
Fatu_Iva_1972_To_RGPF_1	15760	French Polynesia - Marqueses Islands - Fatu Iva
Fatu_Iva_1972_To_WGS_1984_1	15772	French Polynesia - Marqueses Islands - Fatu Iva
FD_1954_To_ED_1950_1	15866	Faroe Islands, onshore
FD_1958_To_WGS_1984	1513	Iran - Kangan District
FD_1958_To_WGS_1984_2	1854	Lavan Island & Balal field
FD_1958_To_WGS_1984_3	1855	Kharg Island
Fiji_1956_To_WGS_1984_1	15875	Fiji - Viti Levu, Vanua Levu, Taveuni, and immediately adjacent smaller islands
Fiji_1986_To_WGS_1984_1	15876	Fiji - Includes Viti Levu, Vanua Levu, Taveuni, Yasawa Group, Kadavu Group, Lau Islands, and Rotuma Islands
Fiji_1986_To_WGS_1984_2	15877	Fiji - Viti Levu, Vanua Levu, Taveuni, and immediately adjacent smaller islands
Fort_Desaix_To_WGS_1984_1	1909	Martinique
Fort_Desaix_To_WGS_1984_2	1910	Martinique
Fort_Marigot_To_WGS_1984_1	1903	Guadeloupe - St. Martin & St. Barthelemy islands
Fort_Thomas_1955_To_WGS_1984	108262	Leeward Islands - Nevis & St. Kitts
Gan_1970_To_WGS_1984_1	15713	Maldives
Gandajika_1970_To_WGS_1984_1	1894	Maldives
Garoua_To_WGS_1972_BE_1	1805	Cameroon - Garoua area
GDA_1994_To_WGS_1984	1150	Australia
GGRS_1987_To_WGS_1984	1272	Greece
Graciosa_Base_SW_1948_To_WGS_1984_1	108112	Azores - Faial, Graciosa, Pico, Sao Jorge, & Terceira Islands
Graciosa_Base_SW_1948_To_WGS_1984_2	108122	Azores - Faial, Graciosa, Pico, Sao Jorge, & Terceira Islands
Grand_Cayman_1959_To_WGS_1984_1	15830	Cayman Islands - Grand Cayman
Greek_Athens_To_Greek	1761	Greece
Greenland_1996_To_WGS_1984_1	15879	Greenland - onshore and offshore
Grenada_1953_To_WGS_1984	1443	Grenada
Guam_1963_To_HARN_Guam	1068	Guam - HARN
Guam_1963_To_HARN_Marianas_Rota	108137	Rota Island - Northern Mariana Islands
Guam_1963_To_HARN_Marianas_Saipan	108138	Saipan Island - Northern Mariana Islands
Guam_1963_To_HARN_Marianas_Tinian_Aguujan	108139	Tinian and Aguijan Island Northern Mariana Islands
Guam_1963_To_NAD_1983_HARN_Rota	108305	Rota Is. (HARN method) N. Mariana Islands
Guam_1963_To_NAD_1983_HARN_Saipan	108304	Saipan Island - Northern Mariana Islands
Guam_1963_To_WGS_1984_1	1070	Guam
Guam_1963_To_WGS_1984_2	1069	Guam - HARN
Guam_1963_To_WGS_1984_Saipan	108299	Saipan Island - Northern Mariana Islands
Gulshan_303_To_WGS_1984_1	15779	Bangladesh
Gunung_Segara_Jakarta_To_Gunung_Segara	1883	Indonesia
Gunung_Segara_To_WGS_1984_1	1897	Indonesia - Kalimantan
Gunung_Segara_To_WGS_1984_2	1898	Indonesia - east Kalimantan

Gunung_Segara_To_WGS_1984_3	1899	Indonesia - northeast Kalimantan
Gunung_Segara_To_WGS_1984_4	1838	Indonesia - east Kalimantan - Mahakam delta area
GUX_1_To_WGS_1984	108263	Guadalcanal Island
Hanoi_1972_To_WGS_1984	1544	Vietnam - Meekong delta
Hartebeesthoek94_To_WGS_1984	1505	South Africa
Helle_1954_To_WGS_1984_1	1957	Jan Mayen (Norway)
Herat_North_To_WGS_1984	1246	Afghanistan
Hermannskogel_To_WGS_1984	108264	Bosnia & Herzegovina, Croatia, Serbia, Slovenia, & Yugoslavia (prior to 1990)
Hito_XVIII_1963_To_WGS_1984	1529	Argentina - Tierra del Fuego
Hito_XVIII_1963_To_WGS_1984_2	1892	Chile - Tierra del Fuego
Hjorsey_1955_To_WGS_1984	1951	Iceland
Hong_Kong_1963_67_To_WGS_1984	15842	Hong Kong
Hong_Kong_1980_To_WGS_1984_1	1825	China - Hong Kong
Hu_Tzu_Shan_To_WGS_1984	1152	Taiwan
Hungarian_1972_To_ETRS_1989_1	1829	Hungary
Hungarian_1972_To_WGS_1984_1	1830	Hungary
Hungarian_1972_To_WGS_1984_2	1831	Hungary
IGCB_1955_To_WGS_1984_1	15787	The Democratic Republic of the Congo (Zaire) - Lower Congo (Bas Congo)
IGM_1995_To_ETRS_1989_1	1098	Italy
IGM_1995_To_WGS_1984_1	1099	Italy
IGN53_Mare_To_RGNC_1991-93_1	15884	New Caledonia - Loyalty Islands - Mare
IGN53_Mare_To_RGNC_1991-93_2	15891	New Caledonia - Loyalty Islands - Mare
IGN53_Mare_To_WGS_1984_1	1928	New Caledonia - Mare
IGN53_Mare_To_WGS_1984_2	15783	New Caledonia - Mare
IGN53_Mare_To_WGS_1984_3	15901	New Caledonia - Loyalty Islands - Mare
IGN56_Lifou_To_RGNC_1991-93_1	15883	New Caledonia - Loyalty Islands - Lifou
IGN56_Lifou_To_RGNC_1991-93_2	15890	New Caledonia - Loyalty Islands - Lifou
IGN56_Lifou_To_WGS_1984_1	1917	New Caledonia - Lifou
IGN56_Lifou_To_WGS_1984_2	1927	New Caledonia - Lifou
IGN56_Lifou_To_WGS_1984_3	15902	New Caledonia - Loyalty Islands - Lifou
IGN63_Hiva_Oa_To_RGPF_1	15761	French Polynesia - Marquises Islands - Hiva Oa
IGN63_Hiva_Oa_To_RGPF_2	15762	French Polynesia - Marquises Islands - Tahuata
IGN63_Hiva_Oa_To_WGS_1984_1	15773	French Polynesia - Marquises Islands - Hiva Oa
IGN63_Hiva_Oa_To_WGS_1984_2	15774	French Polynesia - Marquises Islands - Tahuata
IGN72_Grande_Terre_To_RGNC_1991-93_1	15882	New Caledonia - Grande Terre
IGN72_Grande_Terre_To_RGNC_1991-93_2	15887	New Caledonia - Grande Terre
IGN72_Grande_Terre_To_RGNC_1991-93_3	15888	New Caledonia - Grande Terre - Noumea district
IGN72_Grande_Terre_To_WGS_1984_1	1962	New Caledonia - Grande Terre
IGN72_Grande_Terre_To_WGS_1984_2	1963	New Caledonia - Grande Terre
IGN72_Grande_Terre_To_WGS_1984_3	15903	New Caledonia - Grande Terre
IGN72_Nuku_Hiva_To_RGPF_1	15763	French Polynesia - Marquises Islands - Nuku Hiva
IGN72_Nuku_Hiva_To_RGPF_2	15764	French Polynesia - Marquises Islands - Ua Huka

IGN72_Nuku_Hiva_To_RGPF_3	15765	French Polynesia - Marquises Islands - Ua Pou
IGN72_Nuku_Hiva_To_WGS_1984_1	1914	French Polynesia - Marquises - Nuku Hiva
IGN72_Nuku_Hiva_To_WGS_1984_2	15775	French Polynesia - Marquises Islands - Nuku Hiva
IGN72_Nuku_Hiva_To_WGS_1984_3	15776	French Polynesia - Marquises Islands - Ua Huka
IGN72_Nuku_Hiva_To_WGS_1984_4	15777	French Polynesia - Marquises Islands - Ua Pou
IKBD_1992_To_WGS_1984_1	1993	Iraq-Kuwait Boundary
Indian_1954_To_WGS_1984	1153	Thailand, Vietnam
Indian_1960_To_WGS_1972_BE	1541	Vietnam - offshore
Indian_1960_To_WGS_1984_1	8532	Vietnam - offshore
Indian_1960_To_WGS_1984_2	1542	Vietnam near 16N
Indian_1960_To_WGS_1984_3	1543	Vietnam - Con Son island
Indian_1975_To_WGS_1984	1154	Thailand
Indian_1975_To_WGS_1984_2	1304	Thailand
Indian_1975_To_WGS_1984_3	1537	Thailand - Bongkot field
Indian_1975_To_WGS_1984_4	1812	Thailand
Indonesian_1974_To_DGN_1995_1	15911	Indonesia
Indonesian_1974_To_WGS_1984	1248	Indonesia
Indonesian_1974_To_WGS_1984_2	1832	Indonesia
Indonesian_1974_To_WGS_1984_3	1833	Indonesia
IRENET95_To_ETRS_1989	1611	Northern Ireland
IRENET95_To_WGS_1984_1	1678	Ireland
ISN_1993_To_WGS_1984_1	1952	Iceland
Israel_To_WGS_1984	1073	Israel
ISTS_061_1968_To_WGS_1984	15813	South Georgia Islands
ISTS_073_1969_To_WGS_1984	15808	Diego Garcia
ITRF_1988_To_ITRF_2000_1	1943	World
ITRF_1989_To_ITRF_2000_1	1942	World
ITRF_1990_To_ITRF_2000_1	1941	World
ITRF_1991_To_ITRF_2000_1	1940	World
ITRF_1992_To_ITRF_2000_1	1939	World
ITRF_1993_To_ITRF_2000_1	1938	World
ITRF_1994_To_ITRF_2000_1	1937	World
ITRF_1996_To_ITRF_2000_1	1936	World
ITRF_1997_To_ITRF_2000_1	1935	World
ITRF_2000_To_ITRF_2005_1	15698	World
ITRF_2000_To_NAD_1983_HARN	108281	United States - CORS96
ITRF_2000_To_WGS_1984	108280	United States
JAD_2001_To_WGS_1984	15925	Jamaica
Jamaica_1969_To_JAD_2001_1	15926	Jamaica - onshore
Jamaica_1969_To_WGS_1972_1	10086	Jamaica - onshore and offshore. Includes Morant Cays and Pedro Cays
Jamaica_1969_To_WGS_1972_2	1083	Jamaica
Jamaica_1969_To_WGS_1984_1	1084	Jamaica

Jamaica_1969_To_WGS_1984_2	1085	Jamaica
Jamaica_1969_To_WGS_1984_3	15927	Jamaica
JGD_2000_To_WGS_1984	108107	Japan
JGD_2000_To_WGS_1984_1	1826	Japan
Johnston_Island_1961_To_WGS_1984	15809	Johnston Island
Jordan_To_WGS_1984	108233	Jordan
Jouik_1961_To_WGS_1984_1	15870	Mauritania - coastal area north of Cape Timiris.
K0_1949_To_WGS_1984_1	1915	Kerguelen Island
Kalianpur_1937_To_WGS_1984_1	1155	Bangladesh
Kalianpur_1937_To_WGS_1984_2	1533	Myanmar - Moattama area
Kalianpur_1962_To_WGS_1984_1	1247	Pakistan
Kalianpur_1962_To_WGS_1984_2	15701	Pakistan - offshore Indus fan
Kalianpur_1962_To_WGS_1984_3	15702	Pakistan - Badin and Mehran blocks
Kalianpur_1962_To_WGS_1984_4	15703	Pakistan - Karachi
Kalianpur_1962_To_WGS_1984_5	15704	Pakistan - East Sind
Kalianpur_1975_To_WGS_1984_1	1156	India, Nepal
Kandawala_To_WGS_1984	1157	Sri Lanka
Karbala_1979_PolSERVICE_To_WGS_1984_1	15872	Iraq - southeast (Basra area)
Kerguelen_Island_1949_To_WGS_1984_1	15850	French Southern Territories - Kerguelen Island
Kertau_To_WGS_1984	1158	West Malaysia, Singapore
KKJ_To_ETRS_1989_1_Old	1638	Finland
KKJ_To_ETRS_1989_2	10098	Finland - onshore and offshore
KKJ_To_EUREF_FIN	108229	Finland
KKJ_To_WGS_1984_1_Old	1639	Finland
KKJ_To_WGS_1984_2_JHS153	10099	Finland - onshore and offshore (JHS153)
KOC_To_WGS_1984_1	1059	Kuwait
Korea_2000_To_WGS_1984_1	15831	Republic of Korea (South Korea) - onshore and offshore
Korean_1995_To_WGS_1984_1	1558	Republic of Korea
Kousseri_To_WGS_1972_BE_1	1806	Cameroon - N'Djamena area
KUDAMS_To_WGS_1984_1	1061	Kuwait
KUDAMS_To_WGS_1984_2	1062	Kuwait
Kusaie_1951_To_WGS_1984	15810	Fed. States of Micronesia - Caroline Islands
La_Canoa_To_REGVEN_1	1771	Venezuela
La_Canoa_To_SIRGAS	108217	Venezuela
La_Canoa_To_WGS_1984	1516	Venezuela - Delta Amacuro, Anzoategui, Bolivar, Monagas, Sucre States
La_Canoa_To_WGS_1984_2	1096	Venezuela
Lao_1993_To_Lao_1997_1	1064	Lao People's Democratic Republic
Lao_1997_To_WGS_1984_1	1065	Lao People's Democratic Republic
LC5_1961_To_WGS_1984	108268	Cayman Brac Island
Le_Pouce_1934_To_WGS_1984_1	15784	Mauritius - mainland onshore
Leigon_To_WGS_1984	1159	Ghana
LGD2006_To_WGS_1984_1	15908	Libya - onshore and offshore

Liberia_1964_To_WGS_1984	1160	Liberia
Lisbon_1890_Lisbon_To_Lisbon	1991	Lisbon 1890 Lisbon to Lisbon 1890
Lisbon_1890_To_WGS_1984_1	1986	Portugal
Lisbon_1890_To_WGS_1984_2	1990	Portugal
Lisbon_Lisbon_To_Lisbon	1756	Lisbon (Lisbon) to Lisbon
Lisbon_To_ETRS_1989_1	1655	Portugal
Lisbon_To_ETRS_1989_2	1997	Portugal
Lisbon_To_WGS_1984_2	1944	Portugal - onshore
Lisbon_To_WGS_1984_3	1984	Portugal
Lisbon_To_WGS_1984_4	1988	Portugal
Little_Cayman_1961_To_WGS_1984_1	15814	Cayman Islands - Little Cayman and Cayman Brac
Little_Cayman_1961_To_WGS_1984_2	15829	Cayman Islands - Little Cayman and Cayman Brac
LKS_1992_To_WGS_1984_1	1958	Latvia
LKS_1994_To_WGS_1984	1283	Lithuania
Locodjo_1965_To_WGS_1984	1469	Cote d'Ivoire
Luxembourg_1930_To_ETRS_1989_1	1642	Luxembourg
Luxembourg_1930_To_ETRS_1989_2	1078	Luxembourg
Luxembourg_1930_To_WGS_1984_1	1643	Luxembourg
Luxembourg_1930_To_WGS_1984_2	1079	Luxembourg
Luzon_1911_To_WGS_1984_1	1161	Philippines (excluding Mindanao)
Luzon_1911_To_WGS_1984_2	1162	Philippines (Mindanao)
MAGNA_To_SIRGAS	108290	Colombia
MAGNA_To_WGS_1984_1	15738	Colombia - onshore and offshore. Includes San Andres y Providencia, Malpelo Islands; Roncador, Serrana and Serranilla Banks
Mahe_1971_To_WGS_1984	1164	Mahe Island
Majuro_To_NAD_1983	108135	Majuro - Republic of Marshall Islands
Makassar_Jakarta_To_Makassar	1260	Makassar (Jakarta) to Makassar
Makassar_To_WGS_1984_1	1837	Indonesia - southwest Sulawesi
Malongo_1987_To_WGS_1984_1	1330	Angola - Cabinda offshore
Malongo_1987_To_WGS_1984_2	1557	Angola - Cabinda offshore
Malongo_1987_To_WGS_1984_3	15791	Africa - Angola (Cabinda) - onshore and offshore; The Democratic Republic of the Congo (Zaire) - onshore coastal area and offshore
Malongo_To_Mhast_1	1328	Angola - Cabinda offshore
Manoca_1962_To_WGS_1972_BE_1	1902	Cameroon
Manoca_1962_To_WGS_1984_1	1796	Cameroon - coastal area
Manoca_To_WGS_1984_1	1316	Cameroon
Massawa_To_WGS_1984	1165	Ethiopia (Eritrea)
Maupiti_1983_To_RGPF_1	15759	French Polynesia - Society Islands - Maupiti
Maupiti_1983_To_WGS_1984_1	15771	French Polynesia - Society Islands - Maupiti
Mauritania_1999_To_WGS_1984_1	15860	Mauritania - onshore and offshore
Merchich_Degree_To_WGS_1984	108279	Morocco
Merchich_To_WGS_1984	1166	Morocco

MGI_Ferro_To_MGI	1757	Austria
MGI_Ferro_To_WGS_1984	8263	Croatia, Slovenia, Bosnia and Herzegovina, & Serbia
MGI_To_ETRS_1989_1	1619	Austria
MGI_To_ETRS_1989_2	1620	Croatia
MGI_To_ETRS_1989_3	1785	Slovenia
MGI_To_WGS_1984	1306	Boznia and Herzegovina, Croatia, Serbia, Slovenia
MGI_To_WGS_1984_2	8415	Austria
MGI_To_WGS_1984_3	1618	Austria
MGI_To_WGS_1984_4	1621	Croatia
MGI_To_WGS_1984_5	1786	Slovenia
MGI_To_WGS_1984_6	1794	Yugoslavia - Montenegro
MGI_To_WGS_1984_7	1795	Yugoslavia - Montenegro
Mhast_offshore_To_WGS_1972_BE_1	15790	Africa - Angola (Cabinda) - offshore; The Democratic Republic of the Congo (Zaire) - offshore
Mhast_To_WGS_1984_1	1329	Angola - Cabinda offshore
Midway_1961_To_WGS_1984	15818	Midway Island
Midway_1961_To_WGS_1984_Old	15817	Midway Island
Minna_To_WGS_1984_1	1167	Cameroon
Minna_To_WGS_1984_2	1168	Nigeria
Minna_To_WGS_1984_3	1754	Nigeria - south
Minna_To_WGS_1984_4	1818	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_6	1820	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_7	1821	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_8	1822	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_9	1823	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_10	1824	Nigeria - south
Minna_To_WGS_1984_11	1067	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_12	15705	Cameroon - onshore
Minna_To_WGS_1984_13	15706	Nigeria - offshore beyond continental shelf
Minna_To_WGS_1984_14	15755	Nigeria - block OML 58
MONREF_1997_To_MSK_1942_1	108286	Mongolia
MONREF_1997_To_MSK_1942_2	108287	Mongolia
MONREF_1997_To_Pulkovo_1942_1	108288	Mongolia
MONREF_1997_To_Pulkovo_1942_2	108289	Mongolia
Monte_Mario_Rome_To_Monte_Mario	1262	Italy
Monte_Mario_Rome_To_WGS_1984	8175	Italy
Monte_Mario_To_ETRS_1989_1	1659	Italy - mainland
Monte_Mario_To_ETRS_1989_2	1661	Italy - Sardinia
Monte_Mario_To_ETRS_1989_3	1663	Italy - Sicily
Monte_Mario_To_WGS_1984	1169	Italy - Sardinia
Monte_Mario_To_WGS_1984_2	1662	Italy - Sardinia
Monte_Mario_To_WGS_1984_3	1664	Italy - Sicily

Monte_Mario_To_WGS_1984_4	1660	Italy - mainland
Monte_Mario_To_WGS_1984_5	1088	Italy - offshore - Adriatic Sea - North Ancona
Monte_Mario_To_WGS_1984_6	1089	Italy - offshore - Adriatic Sea - South Ancona and North Gargano
Monte_Mario_To_WGS_1984_7	1090	Italy - offshore - Adriatic Sea - South Gargano
Monte_Mario_To_WGS_1984_8	1091	Italy - offshore - Otranto channel
Monte_Mario_To_WGS_1984_9	1092	Italy - offshore - north Jonian sea
Monte_Mario_To_WGS_1984_10	1093	Italy - offshore - Strait of Sicily- E of 13° E
Monte_Mario_To_WGS_1984_11	1094	Italy - offshore - Strait of Sicily- W of 13° E
Montserrat_1958_To_WGS_1984	1444	Montserrat
Moorea_1987_To_RGPF_1	15757	French Polynesia - Society Islands - Moorea
Moorea_1987_To_WGS_1984_1	15769	French Polynesia - Society Islands - Moorea
MOP78_To_WGS_1984_1	1925	Wallis and Futuna - Wallis
MOP78_To_WGS_1984_2	15847	Wallis and Futuna - Wallis
Moznet_To_WGS_1984	1302	Mozambique
Mporaloko_To_WGS_1984	1163	Gabon
Mporaloko_To_WGS_1984_2	1532	Gabon
NAD_1927_CGQ77_To_NAD_1983_2	1575	Canada - Quebec
NAD_1927_CGQ77_To_NAD_1983_CSRS	1845	Canada - Quebec
NAD_1927_CGQ77_To_WGS_1984_3	1691	Canada - Quebec
NAD_1927_DEF_1976_To_NAD_1983_NTv2_Ontario	1463	Canada - Ontario
NAD_1927_DEF_1976_To_WGS_1984_1	1690	Canada - Ontario
NAD_1927_To_NAD_1983_6	1573	Canada - Quebec
NAD_1927_To_NAD_1983_Alaska	1243	United States - Alaska
NAD_1927_To_NAD_1983_CSRS_1	1844	Canada - Quebec
NAD_1927_To_NAD_1983_CSRS_2	1847	Canada - Saskatchewan
NAD_1927_To_NAD_1983_NADCON	1241	United States - lower 48 states
NAD_1927_To_NAD_1983_NTv2_Canada	1313	Canada
NAD_1927_To_NAD_1983_PR_VI	108003	Puerto Rico and Virgin Islands
NAD_1927_To_WGS_1984_1	1170	Antigua, Barbados Barbuda, Caicos Islands, Cuba, Dominican Republic, Grand Cayman, Jamaica, and Turks Islands
NAD_1927_To_WGS_1984_2	1171	Belize, Costa Rica, El Salvador, Guatemala, Honduras, and Nicaragua
NAD_1927_To_WGS_1984_3	1172	Canada
NAD_1927_To_WGS_1984_4	1173	United States - lower 48 states
NAD_1927_To_WGS_1984_5	1174	United States - contiguous states east of Mississippi R. incl. MN, MO, and LA
NAD_1927_To_WGS_1984_6	1175	United States - contiguous states west of Mississippi River
NAD_1927_To_WGS_1984_7	1176	United States - Alaska
NAD_1927_To_WGS_1984_8	1177	Bahamas (except San Salvador Island)
NAD_1927_To_WGS_1984_9	1178	Bahamas (San Salvador Island)
NAD_1927_To_WGS_1984_10	1179	Canada - Alberta, British Columbia
NAD_1927_To_WGS_1984_11	1180	Canada - Manitoba, Ontario
NAD_1927_To_WGS_1984_12	1181	Canada - New Brunswick, Newfoundland, Nova Scotia, and Quebec
NAD_1927_To_WGS_1984_13	1182	Canada - Northwest Territories, Saskatchewan

NAD_1927_To_WGS_1984_14	1183	Canada - Yukon
NAD_1927_To_WGS_1984_15	1184	Panama (Canal Zone)
NAD_1927_To_WGS_1984_16	1185	Cuba
NAD_1927_To_WGS_1984_17	1186	Greenland - Hayes Peninsula
NAD_1927_To_WGS_1984_18	1187	Mexico
NAD_1927_To_WGS_1984_21	1249	United States - Alaska - Aleutians East of 180E
NAD_1927_To_WGS_1984_22	1250	United States - Alaska - Aleutians West of 180E
NAD_1927_To_WGS_1984_30	1530	Cuba
NAD_1927_To_WGS_1984_32	1703	Canada - Saskatchewan
NAD_1927_To_WGS_1984_33	1693	Canada
NAD_1927_To_WGS_1984_34	1692	Canada - Quebec
NAD_1927_To_WGS_1984_79_CONUS	15851	United States - lower 48 states
NAD_1927_To_WGS_1984_83	15855	Gulf of Mexico - Tampico area
NAD_1927_To_WGS_1984_85	15864	Alaska
NAD_1927_To_WGS_1984_86	15913	Mexico - offshore Gulf of Mexico - Bay of Campeche northeast
NAD_1927_To_WGS_1984_87	15699	Mexico - offshore Gulf of Mexico - Bay of Campeche southeast
NAD_1983_CSRS_To_WGS_1984	1473	Canada - New Brunswick
NAD_1983_CSRS_To_WGS_1984_1	1842	Canada
NAD_1983_CSRS_To_WGS_1984_2	1946	Canada
NAD_1983_HARN_PACP00_MARP00_To_WGS_1984	108307	NAD 1983 HARN Pacific Plate and Marianas Plate 2000 to WGS_1984
NAD_1983_HARN_To_NAD_1983_NSRS2007_1	15930	United States - lower 48 states
NAD_1983_HARN_To_WGS_1984	1580	United States
NAD_1983_HARN_To_WGS_1984_2	1900	United States - lower 48 states
NAD_1983_HARN_To_WGS_1984_3	1901	United States - lower 48 states
NAD_1983_HARN_To_WGS_1984_Saipan	108300	Saipan Island - Northern Mariana Islands
NAD_1983_NSRS2007_To_WGS_1984_1	15931	United States - lower 48 states
NAD_1983_To_HARN_Alabama	1474	Alabama HARN
NAD_1983_To_HARN_Arizona	1475	Arizona HARN
NAD_1983_To_HARN_Arkansas	1704	Arkansas HARN
NAD_1983_To_HARN_CA_N	1476	California North HARN - above 36N
NAD_1983_To_HARN_CA_S	1477	California South HARN - below 37N
NAD_1983_To_HARN_Colorado	1478	Colorado HARN
NAD_1983_To_HARN_East_MT_ID	1481	Montana & Idaho HARN - E of 113W
NAD_1983_To_HARN_East_Texas	1498	Texas HARN - E of 100W
NAD_1983_To_HARN_Florida	1480	Florida HARN
NAD_1983_To_HARN_Georgia	1479	Georgia HARN
NAD_1983_To_HARN_Hawaii	1520	Hawai'i HARN
NAD_1983_To_HARN_Illinois	1553	Illinois HARN
NAD_1983_To_HARN_Indiana	1521	Indiana HARN
NAD_1983_To_HARN_Iowa	1705	Iowa HARN
NAD_1983_To_HARN_Kansas	1522	Kansas HARN
NAD_1983_To_HARN_Kentucky	1483	Kentucky HARN

NAD_1983_To_HARN_Louisiana	1484	Louisiana HARN
NAD_1983_To_HARN_Maine	1486	Maine HARN
NAD_1983_To_HARN_MD_DE	1485	Maryland & Delaware HARN
NAD_1983_To_HARN_Michigan	1487	Michigan HARN
NAD_1983_To_HARN_Minnesota	1706	Minnesota HARN
NAD_1983_To_HARN_Mississippi	1488	Mississippi HARN
NAD_1983_To_HARN_Missouri	1707	Missouri HARN
NAD_1983_To_HARN_Nebraska	1489	Nebraska HARN
NAD_1983_To_HARN_Nevada	1523	Nevada HARN
NAD_1983_To_HARN_New_England	1490	New England -CT,MA,NH,RI,VT HARN
NAD_1983_To_HARN_New_Jersey	1554	New Jersey HARN
NAD_1983_To_HARN_New_Mexico	1491	New Mexico HARN
NAD_1983_To_HARN_New_York	1492	New York HARN
NAD_1983_To_HARN_North_Carolina	15834	North Carolina
NAD_1983_To_HARN_North_Dakota	1493	North Dakota HARN
NAD_1983_To_HARN_Ohio	1524	Ohio HARN
NAD_1983_To_HARN_Oklahoma	1494	Oklahoma HARN
NAD_1983_To_HARN_OR_WA	108291	Washington & Oregon HARN
NAD_1983_To_HARN_Pennsylvania	15838	Pennsylvania HARN
NAD_1983_To_HARN_PR_VI	1495	Puerto Rico & Virgin Islands HARN
NAD_1983_To_HARN_South_Carolina	15836	South Carolina HARN
NAD_1983_To_HARN_South_Dakota	1496	South Dakota HARN
NAD_1983_To_HARN_Tennessee	1497	Tennessee HARN
NAD_1983_To_HARN_Utah	1525	Utah HARN
NAD_1983_To_HARN_Virginia	1500	Virginia HARN
NAD_1983_To_HARN_WA_OR	1501	Washington & Oregon HARN
NAD_1983_To_HARN_West_MT_ID	1482	Montana & Idaho HARN - W of 113W
NAD_1983_To_HARN_West_Texas	1499	Texas HARN - W of 100W
NAD_1983_To_HARN_West_Virginia	1526	West Virginia HARN
NAD_1983_To_HARN_Wisconsin	1502	Wisconsin HARN
NAD_1983_To_HARN_Wyoming	1503	Wyoming HARN
NAD_1983_To_NAD_1983_CSRS_1	1843	Canada - Quebec
NAD_1983_To_NAD_1983_CSRS_2	1848	Canada - Saskatchewan
NAD_1983_To_NAD_1983_CSRS_3	1849	Canada - Alberta
NAD_1983_To_NAD_1983_CSRS_4	1950	Canada - Newfoundland, New Brunswick, & Nova Scotia offshore
NAD_1983_To_WGS_1984_1	1188	Canada, Central America, Mexico, and United States (Alaska, CONUS)
NAD_1983_To_WGS_1984_2	1251	United States - Alaska - Aleutians
NAD_1983_To_WGS_1984_3	1252	United States - Hawai'i
NAD_1983_To_WGS_1984_4	1308	United States - CORS ITRF94
NAD_1983_To_WGS_1984_5	1515	United States - CORS ITRF96
NAD_1983_To_WGS_1984_6	1696	Canada - Quebec
NAD_1983_To_WGS_1984_7	1697	Canada - Saskatchewan

NAD_1983_To_WGS_1984_8	1702	Canada - Alberta
Nahrwan_1967_To_WGS_1984_1	1189	Oman - Nasirah Island
Nahrwan_1967_To_WGS_1984_2	1190	Saudi Arabia
Nahrwan_1967_To_WGS_1984_3	1191	United Arab Emirates
Nahrwan_1967_To_WGS_1984_4	1531	United Arab Emirates - Abu al Bu Koosh
Nahrwan_1967_To_WGS_1984_5	1536	Qatar
Nahrwan_1967_To_WGS_1984_6	15871	Iraq
Nahrwan_1967_To_WGS_1984_7	15937	United Arab Emirates - Abu Dhabi offshore
Nahrwan_1967_To_WGS_1984_8	15938	United Arab Emirates - Abu Dhabi offshore
Nahrwan_1967_To_WGS_1984_9	15952	United Arab Emirates - Dubai offshore oilfields - Falah, Fateh, Rashid
Nahrwan_1967_To_WGS_1984_10	15953	United Arab Emirates - Dubai municipality NADCON
Nakhl-e_Ghanem_To_WGS_1984_6	15746	Iran - Tombak LNG plant
Naparima_1955_To_WGS_1984_2	1555	Trinidad
Naparima_1955_To_WGS_1984_3	1556	Trinidad
Naparima_1972_To_WGS_1984	1192	Trinidad and Tobago
Naparima_1972_To_WGS_1984_2	8212	Trinidad and Tobago
Naparima_1972_To_WGS_1984_3	1307	Trinidad and Tobago
NEA74_Noumea_To_RGNC_1991-93_1	15886	New Caledonia - Grande Terre - Noumea district
NEA74_Noumea_To_RGNC_1991-93_2	15889	New Caledonia - Grande Terre - Noumea district
NEA74_Noumea_To_WGS_1984_1	1932	New Caledonia - Grande Terre - Noumea district
NEA74_Noumea_To_WGS_1984_2	15904	New Caledonia - Grande Terre - Noumea district
New_Zealand_1949_To_NZGD_2000_1_3PAR	1566	New Zealand
New_Zealand_1949_To_NZGD_2000_2_7PAR	1701	New Zealand
New_Zealand_1949_To_NZGD_2000_3_NTV2	1568	New Zealand
NGN_To_WGS_1984_1	1060	Kuwait
NGO_1948_Oslo_To_NGO_1948	1762	Norway
NGO_1948_To_ETRS_1989_1	1653	Norway - onshore
NGO_1948_To_WGS_1984	108201	Norway
NGO_1948_To_WGS_1984_1	1654	Norway
Nord_Sahara_1959_Paris_To_Nord_Sahara_1959	1882	Algeria
Nord_Sahara_1959_To_WGS_1972_BE	1560	Algeria - Hassi Messaoud area
Nord_Sahara_1959_To_WGS_1984	1253	Algeria
Nord_Sahara_1959_To_WGS_1984_2	1255	Algeria - N of 32N
Nord_Sahara_1959_To_WGS_1984_3	8562	Algeria - Hassi Messaoud
Nord_Sahara_1959_To_WGS_1984_4	1815	Algeria - District 3 (In Salah)
Nord_Sahara_1959_To_WGS_1984_5	1816	Algeria - In Amenas block
Nord_Sahara_1959_To_WGS_1984_6	1817	Algeria - Hassi Bir Reikaz
Nord_Sahara_1959_To_WGS_1984_7	15874	Algeria - Hassi Mouina license area
Nouakchott_1965_To_WGS_1984_1	15709	Mauritania - Nouakchutt
NTF_Paris_To_ED_1950	8186	France
NTF_Paris_To_NTF	1764	France
NTF_Paris_To_RGF_1993_1	108102	France

NTF_Paris_To_WGS_1972	8188	France
NTF_Paris_To_WGS_1984	8094	France
NTF_To_ED_1950	1276	France
NTF_To_ETRS_1989_1	1651	France
NTF_To_RGF_1993_1	108130	France
NTF_To_WGS_1972	1277	France
NTF_To_WGS_1984	1193	France
NZGD_1949_To_WGS_1984	1151	New Zealand
NZGD_1949_To_WGS_1984_2	1564	New Zealand
NZGD_1949_To_WGS_1984_3_NTV2	1670	New Zealand
NZGD_2000_To_WGS_1984_1	1565	New Zealand
Observ_Meteorologico_1939_To_WGS_1984_1	108116	Azores - Corvo & Flores Islands
Observatorio_Meteorologico_1965_To_WGS_1984_2	108234	Macau
Ocotepeque_1935_To_WGS_1984_3PAR	108284	Costa Rica 3 param (Stentz, NIMA)
Ocotepeque_1935_To_WGS_1984_RN	108283	Costa Rica (Registro Nacional)
Old_Hawaiian_To_NAD_1983	1454	Hawai'i
Old_Hawaiian_To_NAD_1983_HARN_Hawaii	108306	Hawai'i
Old_Hawaiian_To_WGS_1984_1	15824	Hawai'i - OHA_M - Mean
Old_Hawaiian_To_WGS_1984_2	15825	Hawai'i - OHA_A - Hawai'i
Old_Hawaiian_To_WGS_1984_3	15826	Hawai'i - OHA_B - Kauai
Old_Hawaiian_To_WGS_1984_4	15827	Hawai'i - OHA_C - Maui
Old_Hawaiian_To_WGS_1984_5	15828	Hawai'i - OHA_D - Oahu
Old_Hawaiian_To_WGS_1984_8	15840	Hawai'i
OSGB_1936_To_ED_1950_UKOOA	1315	UK - England, Scotland, Wales, N Sea
OSGB_1936_To_WGS_1984_1	1195	UK - England, Scotland, Wales, and Isle of Man
OSGB_1936_To_WGS_1984_2	1196	UK - England
OSGB_1936_To_WGS_1984_3	1197	UK - England, Wales, and Isle of Man
OSGB_1936_To_WGS_1984_4	1198	UK - Scotland, including Shetland Islands
OSGB_1936_To_WGS_1984_5	1199	UK - Wales
OSGB_1936_To_WGS_1984_Petroleum	1314	UK - England, Scotland, Wales, N Sea
OSNI_1952_To_WGS_1984_1	1955	Ireland, Northern Ireland
Padang_1884_Jakarta_To_Padang_1884	1758	Indonesia
Palestine_1923_To_Israel_1	1071	Israel
Palestine_1923_To_WGS_1984_1	1074	Israel
Palestine_1923_To_WGS_1984_1X	108220	Palestine
Palestine_1923_To_WGS_1984_2	8650	Israel
Palestine_1923_To_WGS_1984_2X	108232	Palestine
Pampa_del_Castillo_To_WGS_1984_1	15845	Argentina - Comodoro Rivadavia area
PD/83_To_ETRS_1989_1	15867	Germany - Thuringen
PD/83_To_WGS_1984_1_NTV2	15955	Germany - Thuringen
PDO_1993_To_WGS_1972	1616	Oman
PDO_1993_To_WGS_1984	1439	Oman

PDO_1993_To_WGS_1984_3	1617	Oman - Block 4
Petrels_1972_To_WGS_1984_1	1921	Antarctica - Terre Adelie
Pico_de_Las_Nieves_To_WGS_1984	15815	Canary Islands
Pitcairn_1967_To_WGS_1984	15819	Pitcairn Island
Pohnpei_To_NAD_1983	108133	Pohnpei - Fed. States of Micronesia
Pohnpei_To_WGS_1984	108303	Pohnpei - Fed. States of Micronesia
Point58_To_WGS_1984_1	1880	Burkina Faso - central; Niger - SW, near 12N
Pointe_Geologie_Perroud_1950_To_WGS_1984_1	1922	Antarctica - Terre Adelie
Pointe_Noire_To_WGS_1984	1200	Congo
Pointe_Noire_To_WGS_1984_2	1801	Congo - coastal area & offshore
Pointe_Noire_To_WGS_1984_3	1802	Congo - coastal area and offshore
Porto_Santo_1936_To_WGS_1984_1	1888	Porto Santo & Madeira Islands
Porto_Santo_1936_To_WGS_1984_1_IGP	108115	Porto Santo & Madeira Islands
Porto_Santo_1936_To_WGS_1984_2	108125	Porto Santo & Madeira Islands
Porto_Santo_1995_To_WGS_1984_2	1966	Madeira and Porto Santo islands
Porto_Santo_1995_To_WGS_1984_3	1967	Madeira and Porto Santo islands
POSGAR_1994_To_WGS_1984_1	15780	Argentina - onshore and offshore
POSGAR_1998_To_SIRGAS_1	1774	Argentina
POSGAR_1998_To_WGS_1984_1	1773	Argentina
POSGAR_To_WGS_1984_1	1598	South America
PRS_1992_To_WGS_1984_1	15708	Philippines - onshore and offshore
PSAD_1956_To_REGVEN	1769	Venezuela
PSAD_1956_To_WGS_1984_1	1201	Bolivia, Chile, Colombia, Ecuador, Guyana, Peru, and Venezuela
PSAD_1956_To_WGS_1984_2	1202	Bolivia
PSAD_1956_To_WGS_1984_3	1203	Chile - Northern, near 19S
PSAD_1956_To_WGS_1984_4	1204	Chile - Southern, near 43S
PSAD_1956_To_WGS_1984_5	1205	Colombia
PSAD_1956_To_WGS_1984_6	1206	Ecuador
PSAD_1956_To_WGS_1984_7	1207	Guyana
PSAD_1956_To_WGS_1984_8	1208	Peru
PSAD_1956_To_WGS_1984_9	1209	Venezuela
PSAD_1956_To_WGS_1984_10	1582	Bolivia - Madidi
PSAD_1956_To_WGS_1984_11	1583	Bolivia - Block 20
PSAD_1956_To_WGS_1984_12	1811	Brazil - offshore Amazon cone
PSAD_1956_To_WGS_1984_13	1095	Venezuela
Puerto_Rico_To_NAD_1983	1461	Puerto Rico and Virgin Islands
Puerto_Rico_To_WGS_1984_3	1893	Puerto Rico and Virgin Islands
Puerto_Rico_To_WGS_1984_4	15841	Puerto Rico and Virgin Islands
Pulkovo_1942_Adj_1958_To_ETRS_1989_1	1644	Poland
Pulkovo_1942_Adj_1958_To_WGS_1984_1	1645	Poland
Pulkovo_1942_Adj_1983_To_ETRS_1989_1	1674	Germany - Brandenburg, Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt, Thuringen

Pulkovo_1942_Adj_1983_To_ETRS_1989_2	1775	Germany - Brandenburg, Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt, Thuringen
Pulkovo_1942_Adj_1983_To_WGS_1984_1	1675	Germany - Brandenburg, Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt, Thuringen
Pulkovo_1942_To_Estonia_1992	1332	Estonia
Pulkovo_1942_To_ETRS_1989	1310	Germany - former E Germany
Pulkovo_1942_To_LKS_1994	1274	Lithuania
Pulkovo_1942_To_PZ_1990_1	15844	Russian Federation - onshore and offshore
Pulkovo_1942_To_WGS_1984	1254	Russia
Pulkovo_1942_To_WGS_1984_2	1679	Lithuania
Pulkovo_1942_To_WGS_1984_3	1287	Hungary
Pulkovo_1942_To_WGS_1984_4	1288	Poland
Pulkovo_1942_To_WGS_1984_5	1289	Czech Republic
Pulkovo_1942_To_WGS_1984_6	1290	Latvia
Pulkovo_1942_To_WGS_1984_7	1291	Kazakhstan
Pulkovo_1942_To_WGS_1984_8	1292	Albania
Pulkovo_1942_To_WGS_1984_9	1293	Romania
Pulkovo_1942_To_WGS_1984_10	1303	Kazakhstan - Caspian
Pulkovo_1942_To_WGS_1984_12	1334	Estonia
Pulkovo_1942_To_WGS_1984_13	1807	Azerbaijan
Pulkovo_1942_To_WGS_1984_14	1808	Azerbaijan and Georgia
Pulkovo_1942_To_WGS_1984_15	1809	Azerbaijan - coastal area Baku to Astara
Pulkovo_1942_To_WGS_1984_16	15865	Russian Federation - onshore and offshore
Pulkovo_1995_To_PZ_1990_GOST	108239	Russia
PZ_1990_To_WGS_1984_1	15843	World
PZ_1990_To_WGS_1984_GOST	108238	Russia
Qatar_1974_To_WGS_1984_1	1561	Qatar
Qatar_1974_To_WGS_1984_2	1562	Qatar - offshore
Qatar_1974_To_WGS_1984_3	1563	Qatar - onshore
QND_1995_To_WGS_1984_1	1840	Qatar
Qornoq_1927_To_WGS_1984_1	1797	Greenland - South
Qornoq_1927_To_WGS_1984_2	1798	Greenland
Qornoq_To_WGS_1984	8111	Greenland - South
Rassadiran_To_WGS_1984	1512	Iran - Tehari Refinery
RD/83_To_ETRS_1989_1	15868	Germany - Sachsen
RD/83_To_WGS_1984_1_NTV2	15954	Germany - Sachsen
REGVEN_To_SIRGAS_1	1767	Venezuela
REGVEN_To_WGS_1984_1	1768	Venezuela
Reunion_1947_To_RGR_1992_1	1926	Reunion
Reunion_1947_To_WGS_1984_1	1911	Reunion
Reunion_1947_To_WGS_1984_2	15751	Mascarene Islands - Reunion
Reykjavik_1900_To_WGS_1984_1	1994	Iceland

RGF_1993_To_ETRS_1989_1	1591	France
RGF_1993_To_NTF_NTv2	108470	France
RGF_1993_To_WGS_1984_1	1671	France
RGFG_1995_To_WGS_1984_1	1907	French Guiana
RGNC_1991_To_IGN72_Grande_Terre_NTv2	108471	New Caledonia
RGNC_1991_To_NEA74_Noumea_NTv2	108472	New Caledonia
RGNC_1991_To_WGS_1984_1	1920	New Caledonia
RGNC_1991-93_To_WGS_1984_1	15880	New Caledonia - Ile des Pins, Loyalty Islands, Huon Islands, Belep archipelago, Chesterfield Islands, and Walpole
RGPF_To_WGS_1984_1	15832	French Polynesia - Includes Society and Tuamotu archipelagos; Marquezas, Gambier, and Austral Islands; and Clipperton Island
RGPF_To_WGS_1984_2	15833	French Polynesia - Includes Society and Tuamotu archipelagos; Marquezas, Gambier, and Austral Islands; and Clipperton Island
RGR_1992_To_Reunion_1947_1	1964	Reunion
RGR_1992_To_WGS_1984_1	1912	Reunion
RRAF_1991_To_WGS_1984_1	1934	Antilles - Guadeloupe and Martinique
RT38_Stockholm_To_RT38	1760	Sweden
RT90_To_ETRS_1989_1	1437	Sweden
RT90_To_ETRS_1989_2	1787	Sweden
RT90_To_WGS_1984	1680	Sweden
RT90_To_WGS_1984_2	1896	Sweden
S_JTSK_Ferro_To_S_JTSK	1884	Czech Republic, Slovak Republic
S_JTSK_To_ETRS_1989_1	1622	Czech Republic
S_JTSK_To_ETRS_1989_2	1624	Slovak Republic
S_JTSK_To_Pulkovo_1942	108202	Czech Republic
S_JTSK_To_WGS_1984_1	1623	Czech Republic
S_JTSK_To_WGS_1984_2	1625	Slovak Republic
S_JTSK_To_WGS_1984_NGA	108270	Czechoslovakia (prior to 1993)
SAD_1969_To_WGS_1984_1	1864	Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Trinidad & Tobago, and Venezuela
SAD_1969_To_WGS_1984_2	1865	Argentina
SAD_1969_To_WGS_1984_3	1866	Bolivia
SAD_1969_To_WGS_1984_4	1867	Brazil
SAD_1969_To_WGS_1984_5	1868	Chile
SAD_1969_To_WGS_1984_6	1869	Colombia
SAD_1969_To_WGS_1984_7	1870	Ecuador
SAD_1969_To_WGS_1984_8	1871	Ecuador (Baltra, Galapagos)
SAD_1969_To_WGS_1984_9	1872	Guyana
SAD_1969_To_WGS_1984_10	1873	Paraguay
SAD_1969_To_WGS_1984_11	1874	Peru
SAD_1969_To_WGS_1984_12	1875	Trinidad and Tobago
SAD_1969_To_WGS_1984_13	1876	Venezuela
SAD_1969_To_WGS_1984_14	1877	Brazil

Saint_Pierre_et_Miquelon_1950_To_WGS_1984_1	1923	Saint Pierre and Miquelon
Sainte_Anne_To_WGS_1984_1	1904	Guadeloupe - Basse-Terre, Grande-Terre, Desiride, Marie-Galante, Les Saintes
Sainte_Anne_To_WGS_1984_2	1905	Gaudeloupe - Basse-Terre, Grande-Terre, Desiride, Marie-Galante, Les Saintes
Samboja_To_WGS_1984	1282	Indonesia - E Kalimantan Mahakam delta area
Santo_DOS_1965_To_WGS_1984	15820	Espirito Santo Island
Sao_Braz_To_WGS_1984_1	108117	Azores - Sao Miguel and Santa Maria Islands
Sao_Braz_To_WGS_1984_2	108127	Azores Sao Miguel and Santa Maria Islands
Sapper_Hill_1943_To_WGS_1984	1225	Falkland Islands (East Falkland Island)
Schwarzeck_To_WGS_1984	1226	Namibia
Schwarzeck_To_WGS_1984_2	1271	Namibia
Scoresbysund_1952_To_Greenland_1996_1	15899	Greenland - onshore and offshore
Scoresbysund_1952_To_WGS_1984_1	1799	Greenland - Scoresbysund area
Segora_To_WGS_1984	1286	Indonesia - Kalimantan
Selvagem_Grande_1938_To_WGS_1984_1	1965	Portugal - Selvagens islands
Sierra_Leone_1968_To_WGS_1984	1614	Sierra Leone
SIRGAS_2000_To_WGS_1984_1	15894	Latin America
SIRGAS_To_WGS_1984_1	1581	South America
Solomon_1968_To_WGS_1984_1	15805	Solomon Islands
Solomon_1968_To_WGS_1984_2	15807	Solomon Islands
South_Asia_Singapore_To_WGS_1984	108269	Singapore
South_Yemen_To_WGS_1984_1	1682	South Yemen
South_Yemen_To_Yemen_NGN_1996	1539	South Yemen
St_George_To_NAD_1983	1457	St. George Island
St_George_To_WGS_1984_1	1698	Alaska - NADCON - St. George I.
St_Kitts_1955_To_WGS_1984	1445	St. Kitts and Nevis
St_Kitts_1955_To_WGS_1984_2	15750	Saint Kitts and Nevis - onshore and offshore
St_Lawrence_To_NAD_1983	1455	St. Lawrence Island
St_Lawrence_To_WGS_1984_1	1699	Alaska - NADCON - St. Lawrence I.
St_Lucia_1955_To_WGS_1984	1446	St. Lucia
St_Paul_To_NAD_1983	1456	St. Paul Island
St_Paul_To_WGS_1984_1	1700	Alaska - NADCON - St. Paul I.
St_Vincent_1945_To_WGS_1984_1	1959	St. Vincent and the Grenadines
ST71_Belep_To_WGS_1984_1	1931	New Caledonia - Belep
ST84_Ile_des_Pins_To_RGNC_1991-93_1	15893	New Caledonia - Ile des Pins
ST84_Ile_des_Pins_To_WGS_1984_1	1930	New Caledonia - Ile des Pins
ST84_Ile_des_Pins_To_WGS_1984_2	15848	New Caledonia - Ile des Pins
ST87_Ouvea_To_RGNC_1991-93_1	15885	New Caledonia - Loyalty Islands - Ouvea
ST87_Ouvea_To_RGNC_1991-93_2	15892	New Caledonia - Loyalty Islands - Ouvea
ST87_Ouvea_To_WGS_1984_2	15881	New Caledonia - Loyalty Islands - Ouvea
SWEREF99_To_ETRS_1989_1	1878	Sweden

SWEREF99_To_RT90	108212	Sweden
SWEREF99_To_WGS_1984_1	1879	Sweden
Tahaa_1954_To_RGPF_1	15758	French Polynesia - Society Islands - Bora Bora, Huahine, Raiatea and Tahaa
Tahaa_1954_To_WGS_1984_1	1913	Society Islands - Bora Bora, Huahin, Raiatea, Tahaa
Tahaa_1954_To_WGS_1984_2	15770	French Polynesia - Society Islands - Bora Bora, Huahine, Raiatea and Tahaa
Tahiti_1952_To_WGS_1984_1	1924	Society Islands - Moorea and Tahiti
Tahiti_1979_To_RGPF_1	15756	French Polynesia - Society Islands - Tahiti
Tahiti_1979_To_WGS_1984_1	15768	French Polynesia - Society Islands - Tahiti
Tananarive_1925_Paris_To_Tananarive_1925	1265	Madagascar
Tananarive_1925_Paris_To_WGS_1984	8176	Madagascar
Tananarive_1925_To_WGS_1984	1227	Madagascar
Tern_Island_1961_To_WGS_1984	15795	Tern Island
Tete_To_Moznet_1	1297	Mozambique
Tete_To_Moznet_2	1298	Mozambique - Maputo & S Gaza province, S of approx. 24S
Tete_To_Moznet_3	1299	Mozambique - Gaza, Inhambane, S Sofala and S Manhica, betwn 20S-24S
Tete_To_Moznet_4	1300	Mozambique -Sofala N of Beira corridor, Manhica, Tete & Zambezia, 16S-20S
Tete_To_Moznet_5	1301	Mozambique - Nampula, Niassa and Cabo Delgado, N of 16S
Tete_To_WGS_1984_1	1683	Mozambique
Tete_To_WGS_1984_2	1684	Mozambique - Maputo and southern part of Gaza (S of 24S)
Tete_To_WGS_1984_3	1685	Mozambique - Gaza, Inhambane, and southern parts of Sofala & Manhica (between 24S and 20S)
Tete_To_WGS_1984_4	1686	Mozambique - Sofala N of Beira corridor, Manhica, Tete & Zambezia (between 20S and 16S)
Tete_To_WGS_1984_5	1687	Mozambique - Nampula, Niassa, and Cabo Delgado (N of 16S)
Timbalai_1948_To_WGS_1984	1228	Brunei, Malaysia (Sabah, Sarawak)
Timbalai_1948_To_WGS_1984_2	1592	Brunei Darussalam offshore
Timbalai_1948_To_WGS_1984_3	1615	Brunei Darussalam onshore
Timbalai_1948_To_WGS_1984_4	1852	Malaysia - East Malaysia (Sabah, Sarawak) offshore
TM65_To_ETRS_1989_1	1640	Republic of Ireland and Northern Ireland
TM65_To_WGS_1984	1229	Ireland
TM65_To_WGS_1984_2	1641	Republic of Ireland and Northern Ireland
TM75_To_ETRS_1989_2	1953	Ireland, Northern Ireland
TM75_To_WGS_1984_2	1954	Ireland, Northern Ireland
TM75_To_WGS_1984_3	1956	Ireland, Northern Ireland
Tokyo_To_JGD_2000_1	108103	Japan
Tokyo_To_WGS_1984_1	1230	Japan, Korea, and Okinawa
Tokyo_To_WGS_1984_2	1231	Japan
Tokyo_To_WGS_1984_2001	108106	Japan
Tokyo_To_WGS_1984_3	1232	Korea
Tokyo_To_WGS_1984_4	1233	Okinawa
Tokyo_To_WGS_1984_5	1305	South Korea
Trinidad_1903_To_WGS_1984	1296	Trinidad and Tobago

Trinidad_1903_To_WGS_1984_2	10085	Trinidad and Tobago - Trinidad - onshore and offshore
Tristan_1968_To_WGS_1984	15816	Tristan da Cunha
Vanua_Levu_1915_To_WGS_1984_1	15878	Fiji - Vanua Levu and Taveuni.
Vientiane_1982_To_Lao_1997_1	1063	Lao People's Democratic Republic
Viti_Levu_1916_To_WGS_1984	15821	Fiji - Viti Levu
Voirol_1875_Paris_To_Voirol_1875	1266	Algeria
Voirol_1875_Paris_To_WGS_1984	8211	Algeria
Voirol_1875_To_WGS_1984	1294	Algeria - N of 35g (31° 30') N
Voirol_Unifie_1960_Paris_To_Voirol_Unifie_1960	8171	Algeria
Voirol_Unifie_1960_Paris_To_WGS_1984	8177	Algeria
Voirol_Unifie_1960_To_WGS_1984	8158	Algeria
Wake_Eniwetok_1960_To_WGS_1984	15822	Marshall Islands
Wake_Island_1952_To_WGS_1984	15823	Wake Island
WGS_1972_BE_To_WGS_1972_1	1239	World
WGS_1972_BE_To_WGS_1984_1	1240	World
WGS_1972_To_WGS_1984_1	1237	World
WGS_1972_To_WGS_1984_2	1238	World
WGS_1984_(ITRF00)_To_NAD_1983_HARN	108282	United States - CORS96
WGS_1984_Major_Auxiliary_Sphere_To_WGS_1984	108100	World
WGS_1984_To_NTF_NTv2	108473	France
WGS_1984_To_Observatorio_Meteor_1965_1	108211	Macau
WGS_1984_To_Observatorio_Meteorologico_1965_2	108235	Macau
WGS_1984_To_RT90	108213	Sweden
Yacare_To_WGS_1984	1234	Uruguay
Yemen_NGN_1996_To_WGS_1984	1540	Yemen
Yoff_To_WGS_1972_1	1828	Senegal
Zanderij_To_WGS_1984	1235	Suriname

Geographic (datum) transformations—Geocentric translation method

Name	Code	dx	dy	dz
Abidjan_1987_To_WGS_1984	1470	-124.76	53	466.79
Accra_To_WGS_1972_BE	1570	-171.16	17.29	323.31
Accra_To_WGS_1984	1569	-199	32	322
Adindan_To_WGS_1984_1	1100	-166	-15	204
Adindan_To_WGS_1984_2	1101	-118	-14	218
Adindan_To_WGS_1984_3	1102	-134	-2	210
Adindan_To_WGS_1984_4	1103	-165	-11	206
Adindan_To_WGS_1984_5	1104	-123	-20	220
Adindan_To_WGS_1984_6	1105	-128	-18	224
Adindan_To_WGS_1984_7	1106	-161	-14	205
Afgooye_To_WGS_1984	1107	-43	-163	45
AGD_1966_To_GDA_1994	1278	-127.8	-52.3	152.9
AGD_1966_To_WGS_1984	1108	-133	-48	148
AGD_1966_To_WGS_1984_16	15788	-127.8	-52.3	152.9
AGD_1984_To_GDA_1994	1279	-128.5	-53	153.4
AGD_1984_To_WGS_1984_1	1109	-134	-48	149
AGD_1984_To_WGS_1984_8	15789	-128.5	-53	153.4
Ain_El_Abd_To_WGS_1984_1	1110	-150	-250	-1
Ain_El_Abd_To_WGS_1984_2	1111	-143	-236	7
Ain_el_Abd_To_WGS_1984_3	1055	-145.7	-249.1	1.5
American_Samoa_1962_To_WGS_1984	1577	-115	118	426
Anna_1_1965_To_WGS_1984	15794	-491	-22	435
Antigua_1943_To_WGS_1984	1441	-255	-15	71
Antigua_1943_To_WGS_1984_NGA	15811	-270	13	62
Aratu_To_WGS_1984_1	1549	-158	315	-148
Aratu_To_WGS_1984_10	15710	-160	315	-142
Aratu_To_WGS_1984_11	15711	-158	309	-147
Aratu_To_WGS_1984_12	15712	-161	310	-145
Aratu_To_WGS_1984_2	1550	-139.62	290.53	-150.29
Aratu_To_WGS_1984_3	1551	-141.15	293.44	-150.56
Aratu_To_WGS_1984_4	1552	-142.48	296.03	-149.74
Aratu_To_WGS_1984_5	10089	-163.47	317.4	-147.54
Aratu_To_WGS_1984_6	10090	-170	305	-145
Aratu_To_WGS_1984_7	10091	-162.9	312.53	-137.11
Aratu_To_WGS_1984_8	10092	-158	309	-151
Aratu_To_WGS_1984_9	10093	-161	308	-142
Arc_1950_To_WGS_1984_1	1113	-143	-90	-294
Arc_1950_To_WGS_1984_2	1114	-138	-105	-289
Arc_1950_To_WGS_1984_3	1115	-153	-5	-292

Arc_1950_To_WGS_1984_4	1116	-125	-108	-295
Arc_1950_To_WGS_1984_5	1117	-161	-73	-317
Arc_1950_To_WGS_1984_6	1118	-134	-105	-295
Arc_1950_To_WGS_1984_7	1119	-169	-19	-278
Arc_1950_To_WGS_1984_8	1120	-147	-74	-283
Arc_1950_To_WGS_1984_9	1121	-142	-96	-293
Arc_1960_To_WGS_1984	1122	-160	-6	-302
Arc_1960_To_WGS_1984_2	1284	-157	-2	-299
Arc_1960_To_WGS_1984_3	1285	-175	-23	-303
Ascension_Island_1958_To_WGS_1984	15797	-205	107	53
Astro_1952_To_WGS_1984	15799	124	-234	-25
Australian_Antarctic_1998_To_WGS_1984_1	1890	0	0	0
Ayabelle_To_WGS_1984	15800	-79	-129	145
Azores_Central_1948_To_WGS_1984_1	1886	-104	167	-38
Azores_Central_1995_To_WGS_1984_10	1980	-106.23	166.37	-37.893
Azores_Central_1995_To_WGS_1984_2	1972	-106.3	166.27	-37.916
Azores_Central_1995_To_WGS_1984_4	1974	-106.25	166.24	-37.845
Azores_Central_1995_To_WGS_1984_6	1976	-106.04	166.66	-37.876
Azores_Central_1995_To_WGS_1984_8	1978	-106.25	166.24	-37.854
Azores_Occidental_1939_To_WGS_1984_1	1887	-425	-169	81
Azores_Occidental_1939_To_WGS_1984_2	1982	-422.65	-173	84.02
Azores_Oriental_1940_To_WGS_1984_1	1885	-203	141	53
Azores_Oriental_1995_To_WGS_1984_2	1968	-204.63	140.22	55.199
Azores_Oriental_1995_To_WGS_1984_4	1970	-204.62	140.18	55.226
Bab_South_To_NAD_1983	108134	-185.58	-230.1	281.36
Barbados_1938_To_WGS_1984_1	15793	31.95	300.99	419.19
Batavia_Jakarta_To_WGS_1984	8178	-377	681	-50
Batavia_To_WGS_1984	1123	-377	681	-50
Batavia_To_WGS_1984_2	1813	-378.87	676	-46.255
Batavia_To_WGS_1984_3	1814	-377.7	675.1	-52.2
Beacon_E_1945_To_WGS_1984	15796	145	75	-272
Beduaram_To_WGS_1972_BE_1	1839	-101	-111	187
Beduaram_To_WGS_1984_2	15849	-106	-87	188
Beijing_1954_To_WGS_1984_1	15918	12.646	-155.18	-80.863
Beijing_1954_To_WGS_1984_4	15921	15.8	-154.4	-82.3
Beijing_1954_To_WGS_1984_6	15936	11.911	-154.83	-80.079
Belge_1972_To_WGS_1984_2	1610	-125.8	79.9	-100.5
Bellevue_IGN_To_WGS_1984	15801	-127	-769	472
Bermuda_1957_To_WGS_1984	1124	-73	213	296
Bissau_To_WGS_1984	1547	-173	253	27
Bogota_Bogota_To_WGS_1984	8174	307	304	-318
Bogota_To_WGS_1984	1125	307	304	-318

Bogota_To_WGS_1984_2	1597	304.5	306.5	-318.1
Bukit_Rimpah_To_WGS_1984	1126	-384	664	-48
Camacupa_To_WGS_1972_BE_1	1317	-37.2	-370.6	-228.5
Camacupa_To_WGS_1984_1	1318	-42.01	-332.21	-229.75
Camacupa_To_WGS_1984_10	1327	-50.9	-347.6	-231
Camacupa_To_WGS_1984_2	1319	-40	-354	-224
Camacupa_To_WGS_1984_4	1321	-41.8	-342.2	-228.2
Camacupa_To_WGS_1984_5	1322	-55.5	-348	-229.2
Camacupa_To_WGS_1984_6	1323	-43	-337	-233
Camacupa_To_WGS_1984_7	1324	-48	-345	-231
Camacupa_To_WGS_1984_8	1325	-48.6	-345.1	-230.8
Camp_Area_To_WGS_1984	15802	-104	-129	239
Campo_Inchauspe_To_POSGAR_1994_1	15782	-148	136	90
Campo_Inchauspe_To_WGS_1984	1127	-148	136	90
Campo_Inchauspe_To_WGS_1984_2	1527	-154.5	150.7	100.4
Canton_1966_To_WGS_1984	15803	298	-304	-375
Cape_Canaveral_To_WGS_1984	15804	-2	151	181
Cape_To_Hartebeesthoek94	1504	-134.73	-110.92	-292.66
Cape_To_WGS_1984_1	1128	-136	-108	-292
Cape_To_WGS_1984_2	1129	-134.73	-110.92	-292.66
Carthage_To_WGS_1984	1130	-263	6	431
Carthage_To_WGS_1984_2	1538	-260.1	5.5	432.2
CH1903_To_ETRS_1989_1	1646	674.4	15.1	405.3
CH1903_To_WGS_1984_2	1510	674.37	15.056	405.35
CH1903+_To_CHTRF_1995	1509	674.37	15.056	405.35
CH1903+_To_ETRS_1989_1	1647	674.37	15.056	405.35
CH1903+_To_WGS_1984_1	1676	674.37	15.056	405.35
Chatham_Island_1971_To_WGS_1984	1080	175	-38	113
Chos_Malal_1914_To_Campo_Inchauspe	1528	160	26	41
Chos_Malal_1914_To_WGS_1984	8517	5.5	176.7	141.4
CHTRF_1995_To_WGS_1984	1511	0	0	0
Chua_To_WGS_1984	1131	-134	229	-29
Combani_1950_To_WGS_1984_1	1916	-382	-59	-262
Conakry_1905_To_WGS_1984	1517	-23	259	-9
Corrego_Alegre_To_WGS_1984	1132	-206	172	-6
CSG_1967_To_WGS_1984_1	1906	-186	230	110
Dabola_To_WGS_1984	1518	-83	37	124
Datum_73_To_WGS_1984_3	1983	-223.24	110.19	36.649
Datum_Lisboa_Bessel_To_WGS_1984_1	108113	508.09	-191.04	565.22
Datum_Lisboa_Hayford_To_Datum_73_1	108222	-80.809	-170.77	66.991
Datum_Lisboa_Hayford_To_Datum_Lisboa_Bessel_1	108224	-812.13	130.47	-461.58
Datum_Lisboa_Hayford_To_WGS_1984_1	108114	-304.05	-60.576	103.64

Dealul_Piscului_1933_To_WGS_1984_1	1995	103.25	-100.4	-307.19
Dealul_Piscului_1970_To_WGS_1984_1	1996	44.107	-116.15	-54.648
Dealul_Piscului_1970_To_WGS_1984_2	1097	28	-121	-77
Deception_Island_To_WGS_1984	15812	260	12	-147
Deir_ez_Zor_To_WGS_1972_BE	1584	-174.6	-3.1	236.2
Deir_ez_Zor_To_WGS_1984_2	15741	-187.5	14.1	237.6
Deir_ez_Zor_To_WGS_1984_4	1587	-191.77	15.01	235.07
Deir_ez_Zor_To_WGS_1984_5	15742	8.532	238.69	-83.58
DGN_1995_To_WGS_1984_1	15912	0	0	0
Dominica_1945_To_WGS_1984	1442	725	685	536
DOS_1968_To_WGS_1984	108259	230	-199	-752
DOS_71_4_To_WGS_1984	15798	-320	550	-494
Douala_1948_To_WGS_1984_1	15873	-206.1	-174.7	87.7
Easter_Island_1967_To_WGS_1984	15806	211	147	111
ED_1950_ED77_To_WGS_1984_2	1141	-117	-132	-164
ED_1950_ED77_To_WGS_1984_3	1856	-122.89	-159.08	-168.74
ED_1950_ED77_To_WGS_1984_4	1857	-84.78	-107.55	-137.25
ED_1950_ED77_To_WGS_1984_5	1858	-123.92	-155.51	-157.72
ED_1950_ED77_To_WGS_1984_6	15745	-123.02	-158.95	-168.47
ED_1950_To_ETRS_1989_10	1650	-84	-97	-117
ED_1950_To_ETRS_1989_5	1628	-116.8	-106.4	-154.4
ED_1950_To_WGS_1984_1	1133	-87	-98	-121
ED_1950_To_WGS_1984_10	1142	-97	-103	-120
ED_1950_To_WGS_1984_11	1143	-97	-88	-135
ED_1950_To_WGS_1984_12	1144	-107	-88	-149
ED_1950_To_WGS_1984_13	1145	-84	-107	-120
ED_1950_To_WGS_1984_16	1245	-112	-77	-145
ED_1950_To_WGS_1984_17	1275	-84	-97	-117
ED_1950_To_WGS_1984_19	1440	-86	-92.2	-127.5
ED_1950_To_WGS_1984_2	1134	-87	-96	-120
ED_1950_To_WGS_1984_26	1629	-116.8	-106.4	-154.4
ED_1950_To_WGS_1984_3	1135	-103	-106	-141
ED_1950_To_WGS_1984_37	1087	-112	-110.3	-140.2
ED_1950_To_WGS_1984_38	1075	-89.05	-87.03	-124.56
ED_1950_To_WGS_1984_39	1853	-82.31	-95.23	-114.96
ED_1950_To_WGS_1984_4	1136	-104	-101	-140
ED_1950_To_WGS_1984_5	1137	-130	-117	-151
ED_1950_To_WGS_1984_6	1138	-86	-96	-120
ED_1950_To_WGS_1984_7	1139	-87	-95	-120
ED_1950_To_WGS_1984_8	1140	-84	-95	-130
ED_1950_To_WGS_1984_9	108275	-117	-132	-164
ED_1950_To_WGS_1984_PT3	108111	-86.277	-108.88	-120.18

Egypt_1907_To_WGS_1972	1545	-121.8	98.1	-15.2
Egypt_1907_To_WGS_1984	1148	-130	110	-13
Egypt_1907_To_WGS_1984_3	1546	-146.21	112.63	4.05
Egypt_Gulf_of_Suez_S-650_TL_To_WGS_1972_BE_1	15792	-123	98	2
Egypt_Gulf_of_Suez_S-650_TL_To_WGS_1984_2	15846	-146.21	112.63	4.05
ELD_1979_To_LGD2006_1	15924	92.552	10.819	-149.89
ELD_1979_To_WGS_1984_1	1859	-69.06	-90.71	-142.56
ELD_1979_To_WGS_1984_2	1860	-114	-97.076	-152.31
ELD_1979_To_WGS_1984_3	1861	-114.5	-96.1	-151.9
ELD_1979_To_WGS_1984_6	15707	-119	-111.18	-198.69
ELD_1979_To_WGS_1984_7	15778	-114.7	-98.5	-150.7
ELD_1979_To_WGS_1984_8	15909	-115.85	-99.058	-152.46
ELD_1979_To_WGS_1984_9	15923	-117.7	-100.3	-152.4
Estonia_1937_To_ETRS_1989	108272	372.87	149.23	585.29
Estonia_1937_To_WGS_1984_NGA	108261	374	150	588
Estonia_1997_To_ETRS_1989_1	1648	0	0	0
Estonia_1997_To_WGS_1984_1	1649	0	0	0
European_1950_To_WGS_1984_33	1985	-87.987	-108.64	-121.59
European_1979_To_WGS_1984	15752	-86	-98	-119
Fahud_To_WGS_1984	1256	-346	-1	224
FD_1954_To_ED_1950_1	15866	-153.33	-169.41	86.39
FD_1958_To_WGS_1984	1513	-241.54	-163.64	396.06
FD_1958_To_WGS_1984_2	1854	-239.1	-170.02	397.5
FD_1958_To_WGS_1984_3	1855	-244.72	-162.77	400.75
Fiji_1956_To_WGS_1984_1	15875	265.02	384.93	-194.05
Fort_Desaix_To_WGS_1984_1	1909	186	482	151
Fort_Marigot_To_WGS_1984_1	1903	137	248	-430
Fort_Thomas_1955_To_WGS_1984	108262	-7	215	225
Gan_1970_To_WGS_1984_1	15713	-133	-321	50
Garoua_To_WGS_1972_BE_1	1805	-56.1	-167.8	13.1
GGRS_1987_To_WGS_1984	1272	-199.87	74.79	246.62
Graciosa_Base_SW_1948_To_WGS_1984_1	108112	-106.23	166.37	-37.893
Grand_Cayman_1959_To_WGS_1984_1	15830	67.8	106.1	138.8
Greenland_1996_To_WGS_1984_1	15879	0	0	0
Grenada_1953_To_WGS_1984	1443	72	213.7	93
Guam_1963_To_HARN_Marianas_Rota	108137	-96.234	-252.6	258.22
Guam_1963_To_HARN_Marianas_Saipan	108138	-91.766	-255.82	255.7
Guam_1963_To_HARN_Marianas_Tinian_Aguijan	108139	-93.062	-255.31	256.7
Guam_1963_To_WGS_1984_1	1070	-100	-248	259
Guam_1963_To_WGS_1984_Saipan	108299	59.935	118.4	-10.871
Gulshan_303_To_WGS_1984_1	15779	283.7	735.9	261.1
Gunung_Segara_To_WGS_1984_1	1897	-403	684	41

Gunung_Segara_To_WGS_1984_2	1898	-387.06	636.53	46.29
Gunung_Segara_To_WGS_1984_3	1899	-403.4	681.12	46.56
Gunung_Segara_To_WGS_1984_4	1838	-404.78	685.68	45.47
GUX_1_To_WGS_1984	108263	252	-209	-751
Hanoi_1972_To_WGS_1984	1544	-17.51	-108.32	-62.39
Hartebeesthoek94_To_WGS_1984	1505	0	0	0
Herat_North_To_WGS_1984	1246	-333	-222	114
Hermannskogel_To_WGS_1984	108264	682	-203	480
Hito_XVIII_1963_To_WGS_1984_2	1892	16	196	93
Hjorsey_1955_To_WGS_1984	1951	-73	46	-86
Hong_Kong_1963_67_To_WGS_1984	15842	-156	-271	-189
Hu_Tzu_Shan_To_WGS_1984	1152	-637	-549	-203
Hungarian_1972_To_WGS_1984_2	1831	57.01	-69.97	-9.29
IGCB_1955_To_WGS_1984_1	15787	-79.9	-158	-168.9
IGM_1995_To_ETRS_1989_1	1098	0	0	0
IGM_1995_To_WGS_1984_1	1099	0	0	0
IGN53_Mare_To_RGNC_1991-93_1	15884	287.58	177.78	-135.41
IGN53_Mare_To_WGS_1984_2	15783	287	178	-136
IGN53_Mare_To_WGS_1984_3	15901	287.58	177.78	-135.41
IGN56_Lifou_To_RGNC_1991-93_1	15883	335.47	222.58	-230.94
IGN56_Lifou_To_WGS_1984_1	1917	336	223	-231
IGN56_Lifou_To_WGS_1984_3	15902	335.47	222.58	-230.94
IGN72_Grande_Terre_To_RGNC_1991-93_1	15882	-11.64	-348.6	291.98
IGN72_Grande_Terre_To_WGS_1984_1	1962	-13	-348	292
IGN72_Grande_Terre_To_WGS_1984_3	15903	-11.64	-348.6	291.98
IGN72_Nuku_Hiva_To_WGS_1984_1	1914	84	274	65
IKBD_1992_To_WGS_1984_1	1993	0	0	0
Indian_1954_To_WGS_1984	1153	217	823	299
Indian_1960_To_WGS_1972_BE	1541	199	931	317
Indian_1960_To_WGS_1984_2	1542	198	881	317
Indian_1960_To_WGS_1984_3	1543	182	915	344
Indian_1975_To_WGS_1984	1154	209	818	290
Indian_1975_To_WGS_1984_2	1304	210	814	289
Indian_1975_To_WGS_1984_3	1537	204.64	834.74	293.8
Indonesian_1974_To_WGS_1984	1248	-24	-15	5
IRENET95_To_ETRF_1989	108197	0	0	0
IRENET95_To_ETRS_1989	1611	0	0	0
IRENET95_To_WGS_1984_1	1678	0	0	0
ISN_1993_To_WGS_1984_1	1952	0	0	0
Israel_To_WGS_1984	1073	-48	55	52
ISTS_061_1968_To_WGS_1984	15813	-794	119	-298
ISTS_073_1969_To_WGS_1984	15808	208	-435	-229

ITRF_2000_To_WGS_1984	108280	0	0	0
JAD_2001_To_WGS_1984	15925	0	0	0
Jamaica_1969_To_WGS_1972_1	10086	48	208	382
Jamaica_1969_To_WGS_1972_2	1083	50	212	381
Jamaica_1969_To_WGS_1984_1	1084	70	207	389.5
Jamaica_1969_To_WGS_1984_2	1085	65.344	212.46	387.63
JGD_2000_To_WGS_1984	108107	-1.126	-0.077	-0.037
JGD_2000_To_WGS_1984_1	1826	0	0	0
Johnston_Island_1961_To_WGS_1984	15809	189	-79	-202
Jordan_To_WGS_1984	108233	-86	-98	-119
Jouik_1961_To_WGS_1984_1	15870	-80.01	253.26	291.19
Kalianpur_1937_To_WGS_1984_1	1155	282	726	254
Kalianpur_1937_To_WGS_1984_2	1533	214	804	268
Kalianpur_1962_To_WGS_1984_1	1247	283	682	231
Kalianpur_1962_To_WGS_1984_2	15701	275.57	676.78	229.6
Kalianpur_1962_To_WGS_1984_3	15702	278.9	684.39	226.05
Kalianpur_1962_To_WGS_1984_4	15703	271.9	669.59	231.5
Kalianpur_1975_To_WGS_1984_1	1156	295	736	257
Kandawala_To_WGS_1984	1157	-97	787	86
Karbala_1979_PolSERVICE_To_WGS_1984_1	15872	84.1	-320.1	218.7
Kerguelen_Island_1949_To_WGS_1984_1	15850	145	-187	103
Kertau_To_WGS_1984	1158	-11	851	5
KOC_To_WGS_1984_1	1059	-294.7	-200.1	525.5
Korea_2000_To_WGS_1984_1	15831	0	0	0
Korean_1995_To_WGS_1984_1	1558	0	0	0
Kousseri_To_WGS_1972_BE_1	1806	-104.4	-136.6	201.2
KUDAMS_To_WGS_1984_1	1061	-20.8	11.3	2.4
Kusaie_1951_To_WGS_1984	15810	647	1777	-1124
La_Canoa_To_WGS_1984	1516	-273.5	110.6	-357.9
Lao_1993_To_Lao_1997_1	1064	-0.652	1.619	0.213
Lao_1997_To_WGS_1984_1	1065	44.585	-131.21	-39.544
LC5_1961_To_WGS_1984	108268	42	124	147
Le_Pouce_1934_To_WGS_1984_1	15784	-770.1	158.4	-498.2
Leigon_To_WGS_1984	1159	-130	29	364
LGD2006_To_WGS_1984_1	15908	-208.41	-109.88	-2.5764
Liberia_1964_To_WGS_1984	1160	-90	40	88
Lisbon_1890_To_WGS_1984_1	1986	508.09	-191.04	565.22
Lisbon_To_WGS_1984_3	1984	-304.05	-60.576	103.64
Little_Cayman_1961_To_WGS_1984_1	15814	42	124	147
Little_Cayman_1961_To_WGS_1984_2	15829	44.4	109	151.7
LKS_1992_To_WGS_1984_1	1958	0	0	0
LKS_1994_To_WGS_1984	1283	0	0	0

Locodjo_1965_To_WGS_1984	1469	-125	53	467
Luzon_1911_To_WGS_1984_1	1161	-133	-77	-51
Luzon_1911_To_WGS_1984_2	1162	-133	-79	-72
MAGNA_To_SIRGAS	108290	0	0	0
MAGNA_To_WGS_1984_1	15738	0	0	0
Mahe_1971_To_WGS_1984	1164	41	-220	-134
Majuro_To_NAD_1983	108135	25.1	-275.6	222.6
Makassar_To_WGS_1984_1	1837	-587.8	519.75	145.76
Malongo_1987_To_WGS_1984_1	1330	-252.95	-4.11	-96.38
Malongo_1987_To_WGS_1984_2	1557	-254.1	-5.4	-100.3
Malongo_1987_To_WGS_1984_3	15791	-259.99	-5.28	-97.09
Malongo_To_Mhast_1	1328	0	0	0
Manoca_1962_To_WGS_1972_BE_1	1902	-56.7	-171.8	-40.6
Manoca_1962_To_WGS_1984_1	1796	-70.9	-151.8	-41.4
Manoca_To_WGS_1984_1	1316	-70.9	-151.8	-41.4
Massawa_To_WGS_1984	1165	639	405	60
Maupiti_1983_To_RGPF_1	15759	217.04	86.959	23.956
Maupiti_1983_To_WGS_1984_1	15771	217.04	86.959	23.956
Mauritania_1999_To_WGS_1984_1	15860	0	0	0
Merchich_Degree_To_WGS_1984	108279	31	146	47
Merchich_To_WGS_1984	1166	31	146	47
MGI_Ferro_To_WGS_1984	8263	682	-203	480
MGI_To_WGS_1984	1306	682	-203	480
MGI_To_WGS_1984_6	1794	695.5	-216.6	491.1
Mhast_offshore_To_WGS_1972_BE_1	15790	-255	-29	-105
Mhast_To_WGS_1984_1	1329	-252.95	-4.11	-96.38
Midway_1961_To_WGS_1984	15818	403	-81	277
Midway_1961_To_WGS_1984_Old	15817	912	-58	1227
Minna_To_WGS_1984_1	1167	-81	-84	115
Minna_To_WGS_1984_10	1824	-93	-94	124
Minna_To_WGS_1984_11	1067	-92.1	-89.9	114.9
Minna_To_WGS_1984_13	15706	-93.6	-83.7	113.8
Minna_To_WGS_1984_14	15755	-90.2	-87.32	114.17
Minna_To_WGS_1984_2	1168	-92	-93	122
Minna_To_WGS_1984_6	1820	-93.2	-93.31	121.16
Minna_To_WGS_1984_7	1821	-88.98	-83.23	113.55
Minna_To_WGS_1984_8	1822	-92.726	-90.304	115.73
Minna_To_WGS_1984_9	1823	-93.134	-86.647	114.2
MONREF_1997_To_MSK_1942_2	108287	-12.621	138.67	73.996
MONREF_1997_To_Pulkovo_1942_2	108289	-12.621	138.67	73.996
Monte_Mario_Rome_To_WGS_1984	8175	-225	-65	9
Monte_Mario_To_WGS_1984	1169	-225	-65	9

Monte_Mario_To_WGS_1984_10	1093	-229.08	-65.73	20.21
Monte_Mario_To_WGS_1984_11	1094	-230.47	-56.08	22.43
Monte_Mario_To_WGS_1984_5	1088	-223.7	-67.38	1.34
Monte_Mario_To_WGS_1984_6	1089	-225.4	-67.7	7.85
Monte_Mario_To_WGS_1984_7	1090	-227.1	-68.1	14.4
Monte_Mario_To_WGS_1984_8	1091	-231.61	-68.21	13.93
Monte_Mario_To_WGS_1984_9	1092	-225.06	-67.37	14.61
Montserrat_1958_To_WGS_1984	1444	174	359	365
MOP78_To_WGS_1984_1	1925	252	-132	-125
MOP78_To_WGS_1984_2	15847	253	-132	-127
Mporaloko_To_WGS_1984	1163	-74	-130	42
Mporaloko_To_WGS_1984_2	1532	-80.7	-132.5	41.1
NAD_1927_To_WGS_1984_1	1170	-3	142	183
NAD_1927_To_WGS_1984_10	1179	-7	162	188
NAD_1927_To_WGS_1984_11	1180	-9	157	184
NAD_1927_To_WGS_1984_12	1181	-22	160	190
NAD_1927_To_WGS_1984_13	1182	4	159	188
NAD_1927_To_WGS_1984_14	1183	-7	139	181
NAD_1927_To_WGS_1984_15	1184	0	125	201
NAD_1927_To_WGS_1984_16	1185	-9	152	178
NAD_1927_To_WGS_1984_17	1186	11	114	195
NAD_1927_To_WGS_1984_18	1187	-12	130	190
NAD_1927_To_WGS_1984_2	1171	0	125	194
NAD_1927_To_WGS_1984_21	1249	-2	152	149
NAD_1927_To_WGS_1984_22	1250	2	204	105
NAD_1927_To_WGS_1984_3	1172	-10	158	187
NAD_1927_To_WGS_1984_30	1530	-4.2	135.4	181.9
NAD_1927_To_WGS_1984_4	1173	-8	160	176
NAD_1927_To_WGS_1984_5	1174	-9	161	179
NAD_1927_To_WGS_1984_6	1175	-8	159	175
NAD_1927_To_WGS_1984_7	1176	-5	135	172
NAD_1927_To_WGS_1984_8	1177	-4	154	178
NAD_1927_To_WGS_1984_83	15855	-8	125	190
NAD_1927_To_WGS_1984_86	15913	0	125	196
NAD_1927_To_WGS_1984_87	15699	-2	124.7	196
NAD_1927_To_WGS_1984_9	1178	1	140	165
NAD_1983_CSRS_To_WGS_1984	1473	0	0	0
NAD_1983_CSRS_To_WGS_1984_1	1842	0	0	0
NAD_1983_HARN_To_NAD_1983_NSRS2007_1	15930	0	0	0
NAD_1983_HARN_To_WGS_1984	1580	0	0	0
NAD_1983_HARN_To_WGS_1984_Saipan	108300	1.2	0.4	0.55
NAD_1983_NSRS2007_To_WGS_1984_1	15931	0	0	0

NAD_1983_To_NAD_1983_CSRS_4	1950	0	0	0
NAD_1983_To_WGS_1984_1	1188	0	0	0
NAD_1983_To_WGS_1984_2	1251	-2	0	4
NAD_1983_To_WGS_1984_3	1252	1	1	-1
Nahrwan_1967_To_WGS_1984_1	1189	-247	-148	369
Nahrwan_1967_To_WGS_1984_10	15953	-250.7	-157.9	380.4
Nahrwan_1967_To_WGS_1984_2	1190	-243	-192	477
Nahrwan_1967_To_WGS_1984_3	1191	-249	-156	381
Nahrwan_1967_To_WGS_1984_4	1531	-245	-153.9	382.8
Nahrwan_1967_To_WGS_1984_5	1536	-250.2	-153.09	391.7
Nahrwan_1967_To_WGS_1984_6	15871	-242.2	-144.9	370.3
Nahrwan_1967_To_WGS_1984_7	15937	-245.8	-152.2	382.9
Nahrwan_1967_To_WGS_1984_9	15952	-244.2	-149.8	379.3
Nakhl-e_Ghanem_To_WGS_1984_6	15746	0	-0.15	0.68
Naparima_1955_To_WGS_1984_2	1555	-0.465	372.1	171.74
Naparima_1955_To_WGS_1984_3	1556	-2	374	172
Naparima_1972_To_WGS_1984	1192	-10	375	165
Naparima_1972_To_WGS_1984_2	8212	-0.465	372.1	171.74
Naparima_1972_To_WGS_1984_3	1307	-2	374	172
NEA74_Noumea_To_RGNC_1991-93_1	15886	-10.18	-350.43	291.37
NEA74_Noumea_To_WGS_1984_2	15904	-10.18	-350.43	291.37
New_Zealand_1949_To_NZGD_2000_1_3PAR	1566	54.4	-20.1	183.1
NGN_To_WGS_1984_1	1060	-3.2	-5.7	2.8
Nord_Sahara_1959_To_WGS_1972_BE	1560	-156.5	-87.2	285.9
Nord_Sahara_1959_To_WGS_1984	1253	-186	-93	310
Nord_Sahara_1959_To_WGS_1984_2	1255	-123	-206	219
Nord_Sahara_1959_To_WGS_1984_5	1816	-95.7	10.2	158.9
Nord_Sahara_1959_To_WGS_1984_6	1817	-165.91	-70.607	305.01
Nord_Sahara_1959_To_WGS_1984_7	15874	-169.56	-72.34	303.1
Nouakchott_1965_To_WGS_1984_1	15709	124.5	-63.5	-281
NTF_Paris_To_ED_1950	8186	-84	37	437
NTF_Paris_To_RGF_1993_1	108102	-168	-60	320
NTF_Paris_To_WGS_1972	8188	-168	-72	314
NTF_Paris_To_WGS_1984	8094	-168	-60	320
NTF_To_ED_1950	1276	-84	37	437
NTF_To_ETRS_1989_1	1651	-168	-60	320
NTF_To_RGF_1993_1	108130	-168	-60	320
NTF_To_WGS_1972	1277	-168	-72	314
NTF_To_WGS_1984	1193	-168	-60	320
NZGD_1949_To_WGS_1984	1151	84	-22	209
NZGD_2000_To_WGS_1984_1	1565	0	0	0
Observ_Meteorologico_1939_To_WGS_1984_1	108116	-422.65	-173	84.02

Ocotepeque_1935_To_WGS_1984_3PAR	108284	205	96	-98
Old_Hawaiian_To_WGS_1984_1	15824	61	-285	-181
Old_Hawaiian_To_WGS_1984_2	15825	89	-279	-183
Old_Hawaiian_To_WGS_1984_3	15826	45	-290	-172
Old_Hawaiian_To_WGS_1984_4	15827	65	-290	-190
Old_Hawaiian_To_WGS_1984_5	15828	58	-283	-182
OSGB_1936_To_WGS_1984_1	1195	375	-111	431
OSGB_1936_To_WGS_1984_2	1196	371	-112	434
OSGB_1936_To_WGS_1984_3	1197	371	-111	434
OSGB_1936_To_WGS_1984_4	1198	384	-111	425
OSGB_1936_To_WGS_1984_5	1199	370	-108	434
Palestine_1923_To_Israel_1	1071	-181	-122	225
Palestine_1923_To_WGS_1984_1X	108220	-181	-122	225
Palestine_1923_To_WGS_1984_2	8650	-229	-67	277
Palestine_1923_To_WGS_1984_2X	108232	-219.25	-73.802	269.53
Pampa_del_Castillo_To_WGS_1984_1	15845	27.5	14	186.4
Petrels_1972_To_WGS_1984_1	1921	365	194	166
Pico_de_Las_Nieves_To_WGS_1984	15815	-307	-92	127
Pitcairn_1967_To_WGS_1984	15819	185	165	42
Pohnpei_To_NAD_1983	108133	-89.121	-348.18	260.87
Pohnpei_To_WGS_1984	108303	-89.121	-348.18	260.87
Point58_To_WGS_1984_1	1880	-106	-129	165
Pointe_Geologie_Perroud_1950_To_WGS_1984_1	1922	325	154	172
Pointe_Noire_To_WGS_1984	1200	-148	51	-291
Pointe_Noire_To_WGS_1984_2	1801	-145	52.7	-291.6
Porto_Santo_1936_To_WGS_1984_1	1888	-499	-249	314
Porto_Santo_1936_To_WGS_1984_1_IGP	108115	-502.86	-247.44	312.72
Porto_Santo_1995_To_WGS_1984_2	1966	-502.86	-247.44	312.72
POSGAR_1994_To_WGS_1984_1	15780	0	0	0
POSGAR_1998_To_SIRGAS_1	1774	0	0	0
POSGAR_1998_To_WGS_1984_1	1773	0	0	0
POSGAR_To_WGS_1984_1	1598	0	0	0
PSAD_1956_To_WGS_1984_1	1201	-288	175	-376
PSAD_1956_To_WGS_1984_10	1582	-259.73	173.12	-398.27
PSAD_1956_To_WGS_1984_11	1583	-307.7	265.3	-363.5
PSAD_1956_To_WGS_1984_12	1811	-291.87	106.37	-364.52
PSAD_1956_To_WGS_1984_2	1202	-270	188	-388
PSAD_1956_To_WGS_1984_3	1203	-270	183	-390
PSAD_1956_To_WGS_1984_4	1204	-305	243	-442
PSAD_1956_To_WGS_1984_5	1205	-282	169	-371
PSAD_1956_To_WGS_1984_6	1206	-278	171	-367
PSAD_1956_To_WGS_1984_7	1207	-298	159	-369

PSAD_1956_To_WGS_1984_8	1208	-279	175	-379
PSAD_1956_To_WGS_1984_9	1209	-295	173	-371
Puerto_Rico_To_WGS_1984_3	1893	11	72	-101
Pulkovo_1942_To_WGS_1984	1254	28	-130	-95
Pulkovo_1942_To_WGS_1984_3	1287	28	-121	-77
Pulkovo_1942_To_WGS_1984_4	1288	23	-124	-82
Pulkovo_1942_To_WGS_1984_5	1289	26	-121	-78
Pulkovo_1942_To_WGS_1984_6	1290	24	-124	-82
Pulkovo_1942_To_WGS_1984_7	1291	15	-130	-84
Pulkovo_1942_To_WGS_1984_8	1292	24	-130	-92
Pulkovo_1942_To_WGS_1984_9	1293	28	-121	-77
Pulkovo_1995_To_PZ_1990_GOST	108239	25.9	-130.94	-81.76
Qatar_1974_To_WGS_1984_1	1561	-128	-283	22
Qatar_1974_To_WGS_1984_2	1562	-128.16	-282.42	21.93
Qatar_1974_To_WGS_1984_3	1563	-128.03	-283.7	21.052
Qornoq_1927_To_WGS_1984_1	1797	164	138	-189
Qornoq_To_WGS_1984	8111	164	138	-189
Rassadiran_To_WGS_1984	1512	-133.63	-157.5	-158.62
REGVEN_To_SIRGAS_1	1767	0	0	0
REGVEN_To_WGS_1984_1	1768	0	0	0
Reunion_1947_To_WGS_1984_2	15751	94	-948	-1262
Reykjavik_1900_To_WGS_1984_1	1994	-28	199	5
RGF_1993_To_ETRF_1989_1	108199	0	0	0
RGF_1993_To_ETRS_1989_1	1591	0	0	0
RGF_1993_To_WGS_1984_1	1671	0	0	0
RGFG_1995_To_WGS_1984_1	1907	2	2	-2
RGNC_1991_To_WGS_1984_1	1920	0	0	0
RGNC_1991-93_To_WGS_1984_1	15880	0	0	0
RGPF_To_WGS_1984_2	15833	0	0	0
RGR_1992_To_WGS_1984_1	1912	0	0	0
RRAF_1991_To_WGS_1984_1	1934	0	0	0
S_JTSK_To_WGS_1984_NGA	108270	589	76	480
SAD_1969_To_WGS_1984_1	1864	-57	1	-41
SAD_1969_To_WGS_1984_10	1873	-61	2	-33
SAD_1969_To_WGS_1984_11	1874	-58	0	-44
SAD_1969_To_WGS_1984_12	1875	-45	12	-33
SAD_1969_To_WGS_1984_13	1876	-45	8	-33
SAD_1969_To_WGS_1984_14	1877	-66.87	4.37	-38.52
SAD_1969_To_WGS_1984_2	1865	-62	-1	-37
SAD_1969_To_WGS_1984_3	1866	-61	2	-48
SAD_1969_To_WGS_1984_4	1867	-60	-2	-41
SAD_1969_To_WGS_1984_5	1868	-75	-1	-44

SAD_1969_To_WGS_1984_6	1869	-44	6	-36
SAD_1969_To_WGS_1984_7	1870	-48	3	-44
SAD_1969_To_WGS_1984_8	1871	-47	26	-42
SAD_1969_To_WGS_1984_9	1872	-53	3	-47
Saint_Pierre_et_Miquelon_1950_To_WGS_1984_1	1923	30	430	368
Sainte_Anne_To_WGS_1984_1	1904	-467	-16	-300
Samboja_To_WGS_1984	1282	-404.78	-685.68	-45.47
Santo_DOS_1965_To_WGS_1984	15820	170	42	84
Sao_Braz_To_WGS_1984_1	108117	-204.62	140.18	55.226
Sapper_Hill_1943_To_WGS_1984	1225	-355	21	72
Schwarzeck_To_WGS_1984	1226	616	97	-251
Schwarzeck_To_WGS_1984_2	1271	615.64	102.08	-255.81
Segora_To_WGS_1984	1286	-403	684	41
Selvagem_Grande_1938_To_WGS_1984_1	1965	-289	-124	60
Sierra_Leone_1968_To_WGS_1984	1614	-88	4	101
SIRGAS_2000_To_WGS_1984_1	15894	0	0	0
SIRGAS_To_WGS_1984_1	1581	0	0	0
Solomon_1968_To_WGS_1984_1	15805	230	-199	-752
Solomon_1968_To_WGS_1984_2	15807	252	-209	-751
South_Asia_Singapore_To_WGS_1984	108269	7	-10	-26
South_Yemen_To_WGS_1984_1	1682	-76	-138	67
South_Yemen_To_Yemen_NGN_1996	1539	-76	-138	67
St_Kitts_1955_To_WGS_1984	1445	9	183	236
St_Kitts_1955_To_WGS_1984_2	15750	-7	215	225
St_Lucia_1955_To_WGS_1984	1446	-149	128	296
St_Vincent_1945_To_WGS_1984_1	1959	195.67	332.52	274.61
ST84_Ile_des_Pins_To_WGS_1984_2	15848	-13	-348	292
ST87_Ouvea_To_RGNC_1991-93_1	15885	-56.263	16.136	-22.856
ST87_Ouvea_To_WGS_1984_2	15881	-56.263	16.136	-22.856
SWEREF99_To_ETRS_1989_1	1878	0	0	0
SWEREF99_To_WGS_1984_1	1879	0	0	0
Tahaa_1954_To_WGS_1984_1	1913	65	342	77
Tahiti_1952_To_WGS_1984_1	1924	162	117	154
Tananarive_1925_Paris_To_WGS_1984	8176	-189	-242	-91
Tananarive_1925_To_WGS_1984	1227	-189	-242	-91
Tern_Island_1961_To_WGS_1984	15795	114	-116	-333
Timbalai_1948_To_WGS_1984	1228	-679	669	-48
Timbalai_1948_To_WGS_1984_2	1592	-678	670	-48
Timbalai_1948_To_WGS_1984_3	1615	-726.28	703.61	-48.999
TM65_To_WGS_1984	1229	506	-122	611
TM75_To_WGS_1984_3	1956	506	-122	611
Tokyo_To_JGD_2000_1	108103	-146.41	507.34	680.51

Tokyo_To_WGS_1984_1	1230	-148	507	685
Tokyo_To_WGS_1984_2	1231	-148	507	685
Tokyo_To_WGS_1984_2001	108106	-147.54	507.26	680.47
Tokyo_To_WGS_1984_3	1232	-146	507	687
Tokyo_To_WGS_1984_4	1233	-158	507	676
Tokyo_To_WGS_1984_5	1305	-147	506	687
Trinidad_1903_To_WGS_1984	1296	-61.702	284.49	472.05
Trinidad_1903_To_WGS_1984_2	10085	-61	285.2	471.6
Tristan_1968_To_WGS_1984	15816	-632	438	-609
Vanua_Levu_1915_To_WGS_1984_1	15878	51	391	-36
Vientiane_1982_To_Lao_1997_1	1063	-2.227	6.524	2.178
Viti_Levu_1916_To_WGS_1984	15821	51	391	-36
Voirol_1875_Paris_To_WGS_1984	8211	-73	-247	227
Voirol_1875_To_WGS_1984	1294	-73	-247	227
Voirol_Unifie_1960_Paris_To_WGS_1984	8177	-123	-206	219
Voirol_Unifie_1960_To_WGS_1984	8158	-123	-206	219
Wake_Eniwetok_1960_To_WGS_1984	15822	102	52	-38
Wake_Island_1952_To_WGS_1984	15823	276	-57	149
Yacare_To_WGS_1984	1234	-155	171	37
Yemen_NGN_1996_To_WGS_1984	1540	0	0	0
Yoff_To_WGS_1972_1	1828	-37	157	85
Zanderij_To_WGS_1984	1235	-265	120	-358

Key to parameters

dx = x axis translation (meters)

dy = y axis translation (meters)

dz = z axis translation (meters)

Geographic (datum) transformations—Coordinate frame and position vector (7 parameters) methods

Name	Code	Method	dx	dy	dz	rx	ry	rz	ds
AGD_1966_To_GDA_1994_2	1458	Coordinate_Frame	-129.19	-41.212	130.73	-0.246	-0.374	-0.329	-2.955
AGD_1966_To_GDA_1994_3	1459	Coordinate_Frame	-120.69	-62.73	165.46	-0.109	0.141	0.116	2.733
AGD_1966_To_GDA_1994_4	1460	Coordinate_Frame	-119.35	-48.301	139.48	-0.415	-0.26	-0.437	-0.613
AGD_1966_To_GDA_1994_8	1594	Coordinate_Frame	-120.27	-64.543	161.63	-0.217	0.067	0.129	2.499
AGD_1966_To_GDA_1994_9	1595	Coordinate_Frame	-124.13	-42.003	137.4	0.008	-0.557	-0.178	-1.854
AGD_1966_To_WGS_1984_12	1665	Coordinate_Frame	-129.19	-41.212	130.73	-0.246	-0.374	-0.329	-2.955
AGD_1966_To_WGS_1984_13	1666	Coordinate_Frame	-119.35	-48.301	139.48	-0.415	-0.26	-0.437	-0.613
AGD_1966_To_WGS_1984_14	1667	Coordinate_Frame	-120.27	-64.543	161.63	-0.217	0.067	0.129	2.499
AGD_1966_To_WGS_1984_15	1668	Coordinate_Frame	-124.13	-42.003	137.4	0.008	-0.557	-0.178	-1.854
AGD_1984_To_GDA_1994_2	1280	Coordinate_Frame	-117.76	-51.51	139.06	-0.292	-0.443	-0.277	-0.191
AGD_1984_To_WGS_1984_2	1236	Coordinate_Frame	-116	-50.47	141.69	-0.23	-0.39	-0.344	0.0983
AGD_1984_To_WGS_1984_7	1669	Coordinate_Frame	-117.76	-51.51	139.06	-0.292	-0.443	-0.277	-0.191
Ain_EI_Abd_To_WGS_1984_4	1056	Coordinate_Frame	-85.645	-273.08	-79.708	-2.289	1.421	-2.532	3.194

Ain_EI_Abd_To_WGS_1984_5	1057	Coordinate_Frame	-202.23	-168.35	-63.51	-3.545	-0.659	1.945	2.1
Ain_EI_Abd_To_WGS_1984_6	1058	Coordinate_Frame	-18.944	-379.36	-24.063	-0.04	0.764	-6.431	3.657
Amersfoort_To_ETRS_1989	1751	Coordinate_Frame	565.04	49.914	465.84	0.40939439	-0.3597052	1.868491	4.0772
Amersfoort_To_ETRS_1989_3	15739	Coordinate_Frame	565.24	50.009	465.66	0.40685733	-0.35073268	1.8703474	4.0812
Amersfoort_To_WGS_1984	1112	Position_Vector	593.16	26.15	478.54	-1.304398	-0.10329741	-1.1445015	4.0775
Amersfoort_To_WGS_1984_2	1672	Coordinate_Frame	565.04	49.91	465.84	0.40939439	-0.3597052	1.868491	4.0772
Amersfoort_To_WGS_1984_3	15934	Coordinate_Frame	565.24	50.009	465.66	0.40685733	-0.35073268	1.8703474	4.0812
Ammassalik_1958_To_Greenland_1996_1	15900	Position_Vector	-45	417	-3.5	0	0	0.814	-0.6
Ammassalik_1958_To_WGS_1984_1	1800	Position_Vector	-45	417	-3.5	0	0	0.814	-0.6
Azores_Central_1995_To_WGS_1984_11	1981	Coordinate_Frame	-103.09	162.48	-28.276	-0.167	-0.082	-0.168	-1.504
Azores_Central_1995_To_WGS_1984_3	1973	Coordinate_Frame	-105.85	165.59	-38.312	0.003	0.026	-0.024	-0.048
Azores_Central_1995_To_WGS_1984_5	1975	Coordinate_Frame	-104	162.92	-38.882	0.075	0.071	-0.051	-0.338
Azores_Central_1995_To_WGS_1984_7	1977	Coordinate_Frame	-95.323	166.1	-69.942	0.215	1.031	-0.047	1.922
Azores_Central_1995_To_WGS_1984_9	1979	Coordinate_Frame	-100.31	161.25	-48.761	0.192	0.385	-0.076	0.131
Azores_Oriental_1995_To_WGS_1984_3	1969	Coordinate_Frame	-211.94	137.63	58.3	0.089	-0.251	-0.079	0.384
Azores_Oriental_1995_To_WGS_1984_5	1971	Coordinate_Frame	-208.72	129.69	52.092	0.195	0.014	-0.327	0.198
Beijing_1954_To_WGS_1984_2	15919	Position_Vector	15.53	-113.82	-41.38	0	0	0.814	-0.38
Beijing_1954_To_WGS_1984_3	15920	Position_Vector	31.4	-144.3	-74.8	0	0	0.814	-0.38
Beijing_1954_To_WGS_1984_5	15935	Position_Vector	18	-136.8	-73.7	0	0	0.814	-0.38
Belge_1972_To_ETRS_1989_1	1652	Position_Vector	-99.1	53.3	-112.5	0.419	-0.83	1.885	-1
Belge_1972_To_ETRS_1989_2	15928	Coordinate_Frame	-106.87	52.298	-103.72	-0.33657	0.456955	-1.842183	-1.2747
Belge_1972_To_WGS_1984_1	1609	Coordinate_Frame	-99.059	53.322	-112.49	-0.419	0.83	-1.885	-1
Belge_1972_To_WGS_1984_3	15929	Coordinate_Frame	-106.87	52.298	-103.72	-0.33657	0.456955	-1.842183	-1.2747
Bogota_To_MAGNA_Region_1_CF	15714	Coordinate_Frame	-806.41	-263.5	-622.67	12.414219	-2.9908418	-39.034686	-20.81616
Bogota_To_MAGNA_Region_2_CF	15716	Coordinate_Frame	100.78	187.38	-47	-9.22383	2.4238033	-8.3082783	-13.56561
Bogota_To_MAGNA_Region_3_CF	15718	Coordinate_Frame	336.03	348.56	252.98	-17.241289	-6.3064928	1.5620498	-5.771909
Bogota_To_MAGNA_Region_4_CF	15720	Coordinate_Frame	963.27	486.39	191	-16.485036	-1.6688258	21.692849	-13.89914
Bogota_To_MAGNA_Region_5_CF	15722	Coordinate_Frame	-90.29	247.56	-21.989	-8.6968853	-4.1880336	-12.808267	2.181658
Bogota_To_MAGNA_Region_6_CF	15724	Coordinate_Frame	-0.562	244.3	-456.94	6.866871	-8.2526735	-9.2967797	3.74656
Bogota_To_MAGNA_Region_7_CF	15726	Coordinate_Frame	-305.36	222	-30.023	-9.6904939	1.0319682	-19.757394	6.325747
Bogota_To_MAGNA_Region_8_CF	15728	Coordinate_Frame	221.9	274.14	-397.55	2.8084459	-0.44850859	-2.8101723	-2.199943
Bogota_To_WGS_1984_Region_1_CF	15715	Coordinate_Frame	-806.41	-263.5	-622.67	12.414219	-2.9908418	-39.034686	-20.81616
Bogota_To_WGS_1984_Region_2_CF	15717	Coordinate_Frame	100.78	187.38	-47	-9.22383	2.4238033	-8.3082783	-13.56561
Bogota_To_WGS_1984_Region_3_CF	15719	Coordinate_Frame	336.03	348.56	252.98	-17.241289	-6.3064928	1.5620498	-5.771909
Bogota_To_WGS_1984_Region_4_CF	15721	Coordinate_Frame	963.27	486.39	191	-16.485036	-1.6688258	21.692849	-13.89914
Bogota_To_WGS_1984_Region_5_CF	15723	Coordinate_Frame	-90.29	247.56	-21.989	-8.6968853	-4.1880336	-12.808267	2.181658
Bogota_To_WGS_1984_Region_6_CF	15725	Coordinate_Frame	-0.562	244.3	-456.94	6.866871	-8.2526735	-9.2967797	3.74656
Bogota_To_WGS_1984_Region_7_CF	15727	Coordinate_Frame	-305.36	222	-30.023	-9.6904939	1.0319682	-19.757394	6.325747
Bogota_To_WGS_1984_Region_8_CF	15729	Coordinate_Frame	221.9	274.14	-397.55	2.8084459	-0.44850859	-2.8101723	-2.199943
Camacupa_To_WGS_1984_3	1320	Position_Vector	-37.2	-370.6	-224	0	0	0.554	0.219
Camacupa_To_WGS_1984_9	1326	Position_Vector	-41.057	-374.56	-226.29	0	0	0.554	0.219
CH1903_To_WGS_1984_1	1753	Coordinate_Frame	660.08	13.551	369.34	0.804816	0.577692	0.952236	5.66

Chatham_Islands_1979_To_NZGD_2000_1	1082	Coordinate_Frame	174.05	-25.49	112.57	0	0	-0.554	0.2263
Chatham_Islands_1979_To_WGS_1984_1	1081	Coordinate_Frame	174.05	-25.49	112.57	0	0	-0.554	0.2263
CSG_1967_To_RGFG_1995_1	1908	Position_Vector	-193.07	236.99	105.45	0.4814	-0.8074	0.1276	1.5649
D48_To_ETRS_1989	108276	Position_Vector	426.62	142.62	460.09	4.98	4.49	-12.42	-17.1
D48_To_ETRS_1989_2007	108308	Position_Vector	-409.52	-72.192	-486.87	3.08625	5.468945	-11.02037	-17.919456
D48_To_ETRS_1989_Dolenjska	108322	Position_Vector	-468.61	-81.42	-445.22	3.83941	3.262328	-10.566926	-16.132504
D48_To_ETRS_1989_Gorenjska	108318	Position_Vector	-281.49	-45.983	-537.51	2.57094	9.648137	-10.759628	-26.464974
D48_To_ETRS_1989_Jugovzhodna_Slovenia	108314	Position_Vector	-459.95	-82.224	-458.76	3.565429	3.700405	-10.860587	-15.507373
D48_To_ETRS_1989_Juzna_Slovenia	108324	Position_Vector	-427.89	-105.56	-510.91	4.992818	5.898563	-10.306816	-12.431354
D48_To_ETRS_1989_Osrednja_Slovenia	108320	Position_Vector	-400.6	-90.68	-472.25	3.26144	5.263217	-11.837473	-20.022307
D48_To_ETRS_1989_Pomurje	108328	Position_Vector	-524.43	-3.3012	-519.01	-0.013132	3.119715	-10.232694	-4.185096
D48_To_ETRS_1989_Primorska	108326	Position_Vector	-355.8	-274.32	-462.97	9.087389	6.490416	-14.502467	-20.888271
D48_To_ETRS_1989_Severovzhodna_Slovenia	108312	Position_Vector	-464.92	21.457	-504.5	-0.402796	4.228767	-9.954933	-12.795283
D48_To_ETRS_1989_Stajerska	108316	Position_Vector	-439.48	11.748	-494.98	0.026815	4.656409	-10.155824	-16.269825
D48_To_ETRS_1989_Zahodna_Slovenia	108310	Position_Vector	-315.35	-186.25	-499.6	6.446475	8.131219	-13.208894	-23.448627
D48_To_WGS_1984	108277	Position_Vector	426.62	142.62	460.09	4.98	4.49	-12.42	-17.1
D48_To_WGS_1984_2007	108309	Position_Vector	-409.52	-72.192	-486.87	3.08625	5.468945	-11.02037	-17.919456
D48_To_WGS_1984_Dolenjska	108323	Position_Vector	-468.61	-81.42	-445.22	3.83941	3.262328	-10.566926	-16.132504
D48_To_WGS_1984_Gorenjska	108319	Position_Vector	-281.49	-45.983	-537.51	2.57094	9.648137	-10.759628	-26.464974
D48_To_WGS_1984_Jugovzhodna_Slovenia	108315	Position_Vector	-459.95	-82.224	-458.76	3.565429	3.700405	-10.860587	-15.507373
D48_To_WGS_1984_Juzna_Slovenia	108325	Position_Vector	-427.89	-105.56	-510.91	4.992818	5.898563	-10.306816	-12.431354
D48_To_WGS_1984_Osrednja_Slovenia	108321	Position_Vector	-400.6	-90.68	-472.25	3.26144	5.263217	-11.837473	-20.022307
D48_To_WGS_1984_Pomurje	108329	Position_Vector	-524.43	-3.3012	-519.01	-0.013132	3.119715	-10.232694	-4.185096
D48_To_WGS_1984_Primorska	108327	Position_Vector	-355.8	-274.32	-462.97	9.087389	6.490416	-14.502467	-20.888271
D48_To_WGS_1984_Severovzhodna_Slovenia	108313	Position_Vector	-464.92	21.457	-504.5	-0.402796	4.228767	-9.954933	-12.795283
D48_To_WGS_1984_Stajerska	108317	Position_Vector	-439.48	11.748	-494.98	0.026815	4.656409	-10.155824	-16.269825
D48_To_WGS_1984_Zahodna_Slovenia	108311	Position_Vector	-315.35	-186.25	-499.6	6.446475	8.131219	-13.208894	-23.448627
Datum_73_To_ETRS_1989_1	1657	Position_Vector	-238.2	85.2	29.9	0.166	0.046	1.248	2.03
Datum_73_To_ETRS_1989_3	1992	Coordinate_Frame	-231.03	102.61	26.836	-0.615	0.198	-0.881	1.786
Datum_73_To_WGS_1984_4	1987	Coordinate_Frame	-239.75	88.181	30.488	-0.263	-0.082	-1.211	2.229
Datum_Lisboa_Bessel_To_WGS_1984_2	108123	Coordinate_Frame	631.39	-66.551	481.44	-1.09	4.445	4.487	-4.43
Datum_Lisboa_Hayford_To_Datum_73_2	108223	Coordinate_Frame	-49.137	-179.92	95.757	1.955	-0.328	1.423	-6.827
Datum_Lisboa_Hayford_To_Datum_Lisboa_Bessel_2	108225	Coordinate_Frame	-920.28	-25.191	-355.2	2.781	-4.855	-4.276	-0.168
Datum_Lisboa_Hayford_To_WGS_1984_2	108124	Coordinate_Frame	-288.88	-91.744	126.24	1.69	-0.41	0.21	-4.6
Deir_ez_Zor_To_WGS_1984_3	1586	Position_Vector	-175.09	1.218	238.83	-0.047	0.019	0.808	0.1698
Deir_ez_Zor_To_WGS_1984_6	15743	Position_Vector	-83.58	-397.54	458.78	-17.595	-2.847	4.256	3.225
DHDN_To_ETRS_1989	1309	Coordinate_Frame	582	105	414	-1.04	-0.35	3.08	8.3
DHDN_To_ETRS_1989_2	1776	Position_Vector	598.1	73.7	418.2	0.202	0.045	-2.455	6.7
DHDN_To_ETRS_1989_3	1778	Position_Vector	597.1	71.4	412.1	0.894	0.068	-1.563	7.58
DHDN_To_ETRS_1989_4	1779	Position_Vector	584.8	67	400.3	0.105	0.013	-2.378	10.29
DHDN_To_ETRS_1989_5	1780	Position_Vector	590.5	69.5	411.6	-0.796	-0.052	-3.601	8.3

DHDN_To_ETRS_1989_6	1781	Position_Vector	599.4	72.4	419.2	-0.062	-0.022	-2.723	6.46
DHDN_To_ETRS_1989_7	1782	Position_Vector	612.4	77	440.2	-0.054	0.057	-2.797	2.55
DHDN_To_WGS_1984_1	1673	Coordinate_Frame	582	105	414	-1.04	-0.35	3.08	8.3
DHDN_To_WGS_1984_2	1777	Position_Vector	598.1	73.7	418.2	0.202	0.045	-2.455	6.7
DHDN_To_WGS_1984_3	15869	Position_Vector	612.4	77	440.2	-0.054	0.057	-2.797	2.55
DHDN_To_WGS_1984_3x	108206	Position_Vector	597.1	71.4	412.1	0.894	0.068	-1.563	7.58
DHDN_To_WGS_1984_4x	108207	Position_Vector	584.8	67	400.3	0.105	0.013	-2.378	10.29
DHDN_To_WGS_1984_5x	108208	Position_Vector	590.5	69.5	411.6	-0.796	-0.052	-3.601	8.3
DHDN_To_WGS_1984_6x	108209	Position_Vector	599.4	72.4	419.2	-0.062	-0.022	-2.723	6.46
DHDN_To_WGS_1984_7x	108210	Position_Vector	612.4	77	440.2	-0.054	0.057	-2.797	2.55
ED_1950_ED77_To_WGS_1984	1514	Position_Vector	-110.33	-97.73	-119.85	0.3423	1.1634	0.2715	0.063
ED_1950_To_ED_1987_2	1147	Position_Vector	-1.51	-0.84	-3.5	-0.39045928	-0.14170392	-0.5701159	0.609
ED_1950_To_ETRS_1989_1	1588	Position_Vector	-116.64	-56.931	-110.56	0.893	0.921	-0.917	-3.52
ED_1950_To_ETRS_1989_4	1626	Position_Vector	-81.1	-89.4	-115.8	0.485	0.024	0.413	-0.54
ED_1950_To_ETRS_1989_6	1630	Position_Vector	-181.5	-90.3	-187.2	0.144	0.492	-0.394	17.57
ED_1950_To_ETRS_1989_7	1632	Position_Vector	-131	-100.3	-163.4	-1.244	-0.02	-1.144	9.39
ED_1950_To_ETRS_1989_8	1634	Position_Vector	-178.4	-83.2	-221.3	0.54	-0.532	-0.126	21.2
ED_1950_To_ETRS_1989_9	1783	Position_Vector	-84.1	-101.8	-129.7	0	0	0.468	1.05
ED_1950_To_WGS_1984_18	1311	Position_Vector	-89.5	-93.8	-123.1	0	0	-0.156	1.2
ED_1950_To_WGS_1984_23	1612	Position_Vector	-116.64	-56.931	-110.56	0.893	0.921	-0.917	-3.52
ED_1950_To_WGS_1984_24	1613	Position_Vector	-90.365	-101.13	-123.38	0.333	0.077	0.894	1.994
ED_1950_To_WGS_1984_25	1627	Position_Vector	-81.1	-89.4	-115.8	0.485	0.024	0.413	-0.54
ED_1950_To_WGS_1984_27	1631	Position_Vector	-181.5	-90.3	-187.2	0.144	0.492	-0.394	17.57
ED_1950_To_WGS_1984_28	1633	Position_Vector	-131	-100.3	-163.4	-1.244	-0.02	-1.144	9.39
ED_1950_To_WGS_1984_29	1635	Position_Vector	-178.4	-83.2	-221.3	0.54	-0.532	-0.126	21.2
ED_1950_To_WGS_1984_30	1784	Position_Vector	-84.1	-101.8	-129.7	0	0	0.468	1.05
ED_1950_To_WGS_1984_31	1810	Position_Vector	-84	-103	-122.5	0	0	0.554	0.2263
ED_1950_To_WGS_1984_32	1999	Position_Vector	-83.11	-97.38	-117.22	0.005693	-0.04469	0.04428	1.218
ED_1950_To_WGS_1984_34	1989	Coordinate_Frame	-74.292	-135.89	-104.97	0.524	0.136	-0.61	-3.761
ED_1950_To_WGS_1984_36	1998	Position_Vector	-157.89	-17.16	-78.41	2.118	2.697	-1.434	-5.38
ED_1950_To_WGS_1984_PT7	108121	Coordinate_Frame	-68.863	-134.89	-111.49	0.53	0.14	-0.57	-3.4
ED_1987_To_WGS_1984_1	1146	Position_Vector	-82.981	-99.719	-110.71	-0.10470002	0.0310016	0.08040202	-0.3143
ED_1987_To_WGS_1984_2	1960	Position_Vector	-83.11	-97.38	-117.22	0.005693	-0.04469	0.04428	1.218
ELD_1979_To_WGS_1984_4	1862	Position_Vector	-194.51	-63.978	-25.759	-3.4027	3.756	-3.352	-0.9175
ELD_1979_To_WGS_1984_5	1863	Coordinate_Frame	-389.69	64.502	210.21	-0.086	-14.314	6.39	0.9264
Estonia_1992_To_ETRS_1989	1331	Coordinate_Frame	0	0	0	0	0	0	0
Estonia_1992_To_WGS_1984	1333	Coordinate_Frame	0.055	-0.541	-0.185	-0.0183	0.0003	0.007	-0.014
ETRF_1989_To_WGS_1984	108195	Position_Vector	0	0	0	0	0	0	0
ETRS_1989_To_WGS_1984	1149	Position_Vector	0	0	0	0	0	0	0
EUREF_FIN_To_ETRS_1989	108226	Coordinate_Frame	0	0	0	0	0	0	0
EUREF_FIN_To_WGS_1984	108227	Coordinate_Frame	0	0	0	0	0	0	0
Fahud_To_WGS_1984_2	1438	Position_Vector	-333.1	-11.02	230.69	0	0	0.554	0.219

Fatu_Iva_1972_To_RGPF_1	15760	Coordinate_Frame	347.1	1078.1	2623.9	33.8875	-70.6773	9.3943	186.074
Fatu_Iva_1972_To_WGS_1984_1	15772	Coordinate_Frame	347.1	1078.1	2623.9	33.8875	-70.6773	9.3943	186.074
Fiji_1986_To_WGS_1984_1	15876	Position_Vector	0	0	4.5	0	0	0.554	0.2263
Fiji_1986_To_WGS_1984_2	15877	Coordinate_Frame	-35.173	136.57	-36.964	1.37	-0.842	-4.718	-1.537
Fort_Desaix_To_WGS_1984_2	1910	Position_Vector	126.93	547.94	130.41	-2.7867	5.1612	-0.8584	13.8227
GDA_1994_To_WGS_1984	1150	Position_Vector	0	0	0	0	0	0	0
Graciosa_Base_SW_1948_To_WGS_1984_2	108122	Coordinate_Frame	-103.09	162.48	-28.276	-0.17	-0.08	-0.17	-1.5
Helle_1954_To_WGS_1984_1	1957	Position_Vector	982.61	552.75	-540.87	6.6816266	-31.611492	-19.848161	16.805
Hito_XVIII_1963_To_WGS_1984	1529	Position_Vector	18.38	192.45	96.82	0.056	-0.142	-0.2	-0.0013
Hong_Kong_1980_To_WGS_1984_1	1825	Position_Vector	-162.62	-276.96	-161.76	0.067753	-2.243649	-1.158827	-1.094246
Hungarian_1972_To_ETRS_1989_1	1829	Coordinate_Frame	56	-75.77	-15.31	0.37	0.2	0.21	1.01
Hungarian_1972_To_WGS_1984_1	1830	Coordinate_Frame	56	-75.77	-15.31	0.37	0.2	0.21	1.01
IGN53_Mare_To_RGNC_1991-93_2	15891	Coordinate_Frame	-408.81	366.86	-412.99	-1.8843	0.5308	-2.1657	-121.0994
IGN53_Mare_To_WGS_1984_1	1928	Position_Vector	-408.81	366.86	-412.99	1.8842	-0.5308	2.1655	-121.0993
IGN56_Lifou_To_RGNC_1991-93_2	15890	Coordinate_Frame	137.09	131.68	91.478	1.9435	11.5995	4.3316	-7.4801
IGN56_Lifou_To_WGS_1984_2	1927	Position_Vector	137.09	131.66	91.475	-1.9436	-11.5993	-4.3321	-7.4824
IGN63_Hiva_Oa_To_RGPF_1	15761	Coordinate_Frame	410.72	55.049	80.746	-2.5779	-2.3514	-0.6664	17.3311
IGN63_Hiva_Oa_To_RGPF_2	15762	Coordinate_Frame	374.71	-58.407	-0.957	-16.2111	-11.4626	-5.5357	-0.5409
IGN63_Hiva_Oa_To_WGS_1984_1	15773	Coordinate_Frame	410.72	55.049	80.746	-2.5779	-2.3514	-0.6664	17.3311
IGN63_Hiva_Oa_To_WGS_1984_2	15774	Coordinate_Frame	374.72	-58.407	-0.957	-16.2111	-11.4626	-5.5357	-0.5409
IGN72_Grande_Terre_To_RGNC_1991-93_2	15887	Coordinate_Frame	97.297	-263.24	310.88	1.5999	-0.8387	-3.1409	13.326
IGN72_Grande_Terre_To_RGNC_1991-93_3	15888	Coordinate_Frame	48.812	-205.93	343.99	3.4427	0.4999	-4.0878	6.5215
IGN72_Grande_Terre_To_WGS_1984_2	1963	Position_Vector	97.295	-263.25	310.88	-1.5999	0.8386	3.1409	13.3259
IGN72_Nuku_Hiva_To_RGPF_1	15763	Coordinate_Frame	165.73	216.72	180.5	-0.6434	-0.4512	-0.0791	7.4204
IGN72_Nuku_Hiva_To_RGPF_2	15764	Coordinate_Frame	1363.8	1362.7	398.81	-4.5322	-6.7579	-1.0574	268.361
IGN72_Nuku_Hiva_To_RGPF_3	15765	Coordinate_Frame	259.55	297.61	197.83	1.4866	2.1224	0.4612	27.0249
IGN72_Nuku_Hiva_To_WGS_1984_2	15775	Coordinate_Frame	165.73	216.72	180.5	-0.6434	-0.4512	-0.0791	7.4204
IGN72_Nuku_Hiva_To_WGS_1984_3	15776	Coordinate_Frame	1363.8	1362.7	398.81	-4.5322	-6.7579	-1.0574	268.361
IGN72_Nuku_Hiva_To_WGS_1984_4	15777	Coordinate_Frame	259.55	297.61	197.83	1.4866	2.1224	0.4612	27.0249
Indian_1960_To_WGS_1984_1	8532	Position_Vector	199	931	318.9	0	0	0.814	-0.38
Indian_1975_To_WGS_1984_4	1812	Position_Vector	293	836	318	0.5	1.6	-2.8	2.1
Indonesian_1974_To_DGN_1995_1	15911	Coordinate_Frame	-1.977	-13.06	-9.993	-0.364	-0.254	-0.689	-1.037
Indonesian_1974_To_WGS_1984_2	1832	Position_Vector	2.691	-14.757	4.724	0	0	0.774	-0.6
Indonesian_1974_To_WGS_1984_3	1833	Coordinate_Frame	-1.977	-13.06	-9.993	-0.364	-0.254	-0.689	-1.037
ITRF_1988_To_ITRF_2000_1	1943	Position_Vector	-0.0247	-0.0115	0.0979	-0.0001	0	0.00018	-0.00895
ITRF_1989_To_ITRF_2000_1	1942	Position_Vector	-0.0297	-0.0475	0.0739	0	0	0.00018	0.00585
ITRF_1990_To_ITRF_2000_1	1941	Position_Vector	-0.0247	-0.0235	0.0359	0	0	0.00018	-0.00245
ITRF_1991_To_ITRF_2000_1	1940	Position_Vector	-0.0267	-0.0275	0.0199	0	0	0.00018	-0.00215
ITRF_1992_To_ITRF_2000_1	1939	Position_Vector	-0.0147	-0.0135	0.0139	0	0	0.00018	-0.00075
ITRF_1993_To_ITRF_2000_1	1938	Position_Vector	-0.0127	-0.0065	0.0209	0.00039	-0.0008	0.00114	-0.00195
ITRF_1994_To_ITRF_2000_1	1937	Position_Vector	-0.0067	-0.0061	0.0185	0	0	0	-0.00155
ITRF_1996_To_ITRF_2000_1	1936	Position_Vector	-0.0067	-0.0061	0.0185	0	0	0	-0.00155

ITRF_1997_To_ITRF_2000_1	1935	Position_Vector	-0.0067	-0.0061	0.0185	0	0	0	-0.00155
ITRF_2000_To_ITRF_2005_1	15698	Position_Vector	-0.0001	0.0008	0.0058	0	0	0	-0.0004
ITRF_2000_To_NAD_1983_HARN	108281	Coordinate_Frame	0.9956	-1.9013	-0.5215	0.025915	0.009426	0.011599	0.00062
Jamaica_1969_To_JAD_2001_1	15926	Coordinate_Frame	-33.722	153.79	94.959	8.581	4.478	-4.54	8.95
Jamaica_1969_To_WGS_1984_3	15927	Coordinate_Frame	-33.722	153.79	94.959	8.581	4.478	-4.54	8.95
Kalianpur_1962_To_WGS_1984_5	15704	Position_Vector	230.25	632.76	161.03	-1.114	1.115	1.212	12.584
KKJ_To_ETRS_1989_1_Old	1638	Position_Vector	-90.7	-106.1	-119.2	4.09	0.218	-1.05	1.37
KKJ_To_ETRS_1989_2	10098	Coordinate_Frame	-96.062	-82.428	-121.75	-4.80107	-0.34543	1.37646	1.4964
KKJ_To_EUREF_FIN	108229	Coordinate_Frame	-96.062	-82.428	-121.75	-4.80107	-0.34543	1.37646	1.4964
KKJ_To_WGS_1984_1_Old	1639	Position_Vector	-90.7	-106.1	-119.2	4.09	0.218	-1.05	1.37
KKJ_To_WGS_1984_2_JHS153	10099	Coordinate_Frame	-96.062	-82.428	-121.75	-4.80107	-0.34543	1.37646	1.4964
KUDAMS_To_WGS_1984_2	1062	Coordinate_Frame	226.7	-193.34	-35.371	2.229	4.391	-9.238	0.9798
Lisbon_1890_To_WGS_1984_2	1990	Coordinate_Frame	631.39	-66.551	481.44	-1.09	4.445	4.487	-4.43
Lisbon_To_ETRS_1989_1	1655	Position_Vector	-280.9	-89.8	130.2	-1.721	0.355	-0.371	-5.92
Lisbon_To_ETRS_1989_2	1997	Position_Vector	-282.1	-72.2	120	-1.592	0.145	-0.89	-4.46
Lisbon_To_WGS_1984_2	1944	Position_Vector	-282.1	-72.2	120	-1.592	0.145	-0.89	-4.46
Lisbon_To_WGS_1984_4	1988	Coordinate_Frame	-288.88	-91.744	126.24	1.691	-0.41	0.211	-4.598
Luxembourg_1930_To_ETRS_1989_1	1642	Position_Vector	-192.99	13.673	-39.309	-0.4099	-2.9332	2.6881	0.43
Luxembourg_1930_To_WGS_1984_1	1643	Position_Vector	-192.99	13.673	-39.309	-0.4099	-2.9332	2.6881	0.43
MGI_To_ETRS_1989_1	1619	Position_Vector	577.33	90.129	463.92	5.137	1.474	5.297	2.4232
MGI_To_ETRS_1989_2	1620	Position_Vector	551.7	162.9	467.9	6.04	1.96	-11.38	-4.82
MGI_To_ETRS_1989_3	1785	Position_Vector	426.9	142.6	460.1	4.91	4.49	-12.42	17.1
MGI_To_WGS_1984_2	8415	Position_Vector	577.33	90.129	463.92	5.1365988	1.4742	5.2970436	2.4232
MGI_To_WGS_1984_3	1618	Position_Vector	577.33	90.129	463.92	5.137	1.474	5.297	2.4232
MGI_To_WGS_1984_4	1621	Position_Vector	551.7	162.9	467.9	6.04	1.96	-11.38	-4.82
MGI_To_WGS_1984_5	1786	Position_Vector	426.9	142.6	460.1	4.91	4.49	-12.42	17.1
Minna_To_WGS_1984_12	15705	Position_Vector	-83.13	-104.95	114.63	0	0	0.554	0
Minna_To_WGS_1984_3	1754	Position_Vector	-111.92	-87.85	114.5	1.875	0.202	0.219	0.032
Minna_To_WGS_1984_4	1818	Position_Vector	-89	-112	125.9	0	0	0.814	-0.38
MONREF_1997_To_MSK_1942_1	108286	Coordinate_Frame	78.042	204.52	77.45	-1.773671	3.3197917	-1.0426077	-4.9510577
MONREF_1997_To_Pulkovo_1942_1	108288	Coordinate_Frame	78.042	204.52	77.45	-1.773671	3.3197917	-1.0426077	-4.9510577
Monte_Mario_To_ETRS_1989_1	1659	Position_Vector	-104.1	-49.1	-9.9	0.971	-2.917	0.714	-11.68
Monte_Mario_To_ETRS_1989_2	1661	Position_Vector	-168.6	-34	38.6	-0.374	-0.679	-1.379	-9.48
Monte_Mario_To_ETRS_1989_3	1663	Position_Vector	-50.2	-50.4	84.8	-0.69	-2.012	0.459	-28.08
Monte_Mario_To_WGS_1984_2	1662	Position_Vector	-168.6	-34	38.6	-0.374	-0.679	-1.379	-9.48
Monte_Mario_To_WGS_1984_3	1664	Position_Vector	-50.2	-50.4	84.8	-0.69	-2.012	0.459	-28.08
Monte_Mario_To_WGS_1984_4	1660	Position_Vector	-104.1	-49.1	-9.9	0.971	-2.917	0.714	-11.68
Moorea_1987_To_RGPF_1	15757	Coordinate_Frame	215.53	149.59	176.23	3.2624	1.692	1.1571	10.4773
Moorea_1987_To_WGS_1984_1	15769	Coordinate_Frame	215.53	149.59	176.23	3.2624	1.692	1.1571	10.4773
Moznet_To_WGS_1984	1302	Coordinate_Frame	0	0	0	0	0	0	0
NAD_1983_CSRS_To_WGS_1984_2	1946	Coordinate_Frame	-0.991	1.9072	0.5129	-0.025789908	-0.0096501	-0.0116599	0
NAD_1983_HARN_PACP00_MARP00_To_WGS_1	108307	Coordinate_Frame	-0.9102	2.0141	0.5602	-0.029039	-0.010065	-0.010101	0

NAD_1983_HARN_To_WGS_1984_2	1900	Coordinate_Frame	-0.9738	1.9453	0.5486	-0.02755079	-0.01004922	-0.011359	0
NAD_1983_HARN_To_WGS_1984_3	1901	Coordinate_Frame	-0.991	1.9072	0.5129	-0.025789908	-0.0096501	-0.0116599	0
NAD_1983_To_WGS_1984_4	1308	Coordinate_Frame	-0.9738	1.9453	0.5486	-0.02755079	-0.01004922	-0.011359	0
NAD_1983_To_WGS_1984_5	1515	Coordinate_Frame	-0.991	1.9072	0.5129	-0.025789908	-0.0096501	-0.0116599	0
Nahrwan_1967_To_WGS_1984_8	15938	Position_Vector	-225.4	-158.7	380.8	0	0	0.814	-0.38
NEA74_Noumea_To_RGNC_1991-93_2	15889	Position_Vector	-166.07	-154.78	254.83	37.546	-7.7018	10.2029	-30.84
NEA74_Noumea_To_WGS_1984_1	1932	Position_Vector	-166.21	-154.78	254.83	-37.5444	7.7011	-10.2025	-30.8598
New_Zealand_1949_To_NZGD_2000_2_7PAR	1701	Coordinate_Frame	59.47	-5.04	187.44	-0.47	0.1	-1.024	-4.5993
NGO_1948_To_ETRS_1989_1	1653	Position_Vector	278.3	93	474.5	7.889	0.05	-6.61	6.21
NGO_1948_To_WGS_1984	108201	Coordinate_Frame	319.08	37.81	463.57	-6.2970588	1.2903926	5.7129163	10.819
NGO_1948_To_WGS_1984_1	1654	Position_Vector	278.3	93	474.5	7.889	0.05	-6.61	6.21
Nord_Sahara_1959_To_WGS_1984_3	8562	Position_Vector	-156	-87.2	287.8	0	0	0.814	-0.38
Nord_Sahara_1959_To_WGS_1984_4	1815	Position_Vector	-152.9	43.8	358.3	2.714	1.386	-2.788	-6.743
NZGD_1949_To_WGS_1984_2	1564	Coordinate_Frame	59.47	-5.04	187.44	-0.47	0.1	-1.024	-4.5993
Ocotepeque_1935_To_WGS_1984_RN	108283	Position_Vector	6.41	-49.05	-11.28	1.5657	0.5242	6.9718	-5.7649
OSGB_1936_To_ED_1950_UKOOA	1315	Position_Vector	535.95	-31.357	665.16	0.15	0.247	0.998	-21.689
OSGB_1936_To_WGS_1984_Petroleum	1314	Position_Vector	446.45	-125.16	542.06	0.15	0.247	0.842	-20.489
OSNI_1952_To_WGS_1984_1	1955	Position_Vector	482.5	-130.6	564.6	-1.042	-0.214	-0.631	8.15
Palestine_1923_To_WGS_1984_1	1074	Position_Vector	-275.72	94.782	340.89	-8.001	-4.42	-11.821	1
PD/83_To_ETRS_1989_1	15867	Position_Vector	599.4	72.4	419.2	-0.062	-0.022	-2.723	6.46
PDO_1993_To_WGS_1972	1616	Position_Vector	-182.05	-225.6	168.88	-0.616	-1.655	7.824	16.641
PDO_1993_To_WGS_1984	1439	Position_Vector	-180.62	-225.52	173.92	-0.81	-1.898	8.336	16.71006
PDO_1993_To_WGS_1984_3	1617	Position_Vector	-191.81	-250.51	167.86	-0.792	-1.653	8.558	20.703
Pointe_Noire_To_WGS_1984_3	1802	Position_Vector	-178.3	-316.7	-131.5	5.278	6.077	10.979	19.166
Porto_Santo_1936_To_WGS_1984_2	108125	Coordinate_Frame	-210.5	-66.902	-48.476	-2.094	15.067	5.817	0.485
Porto_Santo_1995_To_WGS_1984_3	1967	Coordinate_Frame	-210.5	-66.902	-48.476	-2.094	15.067	5.817	0.485
PRS_1992_To_WGS_1984_1	15708	Coordinate_Frame	-127.62	-67.24	-47.04	3.068	-4.903	-1.578	-1.06
Pulkovo_1942_Adj_1958_To_ETRS_1989_1	1644	Position_Vector	33.43	-146.57	-76.287	-0.35867	-0.05283	0.84354	-0.8407728
Pulkovo_1942_Adj_1958_To_WGS_1984_1	1645	Position_Vector	33.4	-146.6	-76.3	-0.359	-0.053	0.844	-0.84
Pulkovo_1942_Adj_1983_To_ETRS_1989_1	1674	Coordinate_Frame	24	-123	-94	-0.02	0.25	0.13	1.1
Pulkovo_1942_Adj_1983_To_ETRS_1989_2	1775	Position_Vector	24.9	-126.4	-93.2	-0.063	-0.247	-0.041	1.01
Pulkovo_1942_Adj_1983_To_WGS_1984_1	1675	Coordinate_Frame	24	-123	-94	-0.02	0.25	0.13	1.1
Pulkovo_1942_To_Estonia_1992	1332	Coordinate_Frame	21.532	-97	-60.74	-0.99548	-0.58147	-0.2418	-4.5981
Pulkovo_1942_To_ETRS_1989	1310	Coordinate_Frame	24	-123	-94	-0.02	0.25	0.13	1.1
Pulkovo_1942_To_LKS_1994	1274	Coordinate_Frame	-40.595	-18.55	-69.339	-2.508	-1.832	2.611	-4.299
Pulkovo_1942_To_PZ_1990_1	15844	Coordinate_Frame	25	-141	-80	0	-0.35	-0.66	0
Pulkovo_1942_To_WGS_1984_10	1303	Position_Vector	43.822	-108.84	-119.58	1.455	-0.761	0.737	0.549
Pulkovo_1942_To_WGS_1984_12	1334	Coordinate_Frame	21.587	-97.541	-60.925	-1.01378	-0.58117	-0.2348	-4.6121
Pulkovo_1942_To_WGS_1984_13	1807	Position_Vector	27	-135	-84.5	0	0	0.554	0.2263
Pulkovo_1942_To_WGS_1984_14	1808	Position_Vector	686.1	-123.5	-574.4	8.045	-23.366	10.791	-2.926
Pulkovo_1942_To_WGS_1984_15	1809	Position_Vector	926.4	-715.9	-186.4	-10.364	-20.78	26.452	-7.224

Pulkovo_1942_To_WGS_1984_16	15865	Coordinate_Frame	25	-141	-78.5	0	-0.35	-0.736	0
Pulkovo_1942_To_WGS_1984_2	1679	Coordinate_Frame	-40.595	-18.55	-69.339	-2.508	-1.832	2.611	-4.299
PZ_1990_To_WGS_1984_1	15843	Coordinate_Frame	0	0	1.5	0	0	-0.076	0
PZ_1990_To_WGS_1984_GOST	108238	Coordinate_Frame	-1.08	-0.27	-0.9	0	0	-0.16	-0.12
QND_1995_To_WGS_1984_1	1840	Position_Vector	-119.42	-303.66	-11.001	1.164298	0.174458	1.096259	3.657065
Qornoq_1927_To_WGS_1984_2	1798	Position_Vector	163.51	127.53	-159.79	0	0	0.814	-0.6
RD/83_To_ETRS_1989_1	15868	Position_Vector	612.4	77	440.2	-0.054	0.057	-2.797	2.55
Reunion_1947_To_RGR_1992_1	1926	Position_Vector	789.52	-626.49	-89.904	0.6006	76.7946	-10.5788	-32.3241
RGPF_To_WGS_1984_1	15832	Coordinate_Frame	0.072	-0.507	-0.245	0.0183	-0.0003	0.007	-0.0093
RGR_1992_To_Reunion_1947_1	1964	Position_Vector	-789.99	627.33	89.685	-0.6072	-76.8019	10.568	32.2083
RT90_To_ETRS_1989_1	1437	Coordinate_Frame	419.38	99.334	591.35	-0.850389	-1.817277	7.862238	-0.99496
RT90_To_ETRS_1989_2	1787	Coordinate_Frame	414.1	41.3	603.1	0.855	-2.141	7.023	0
RT90_To_WGS_1984	1680	Coordinate_Frame	419.38	99.334	591.35	-0.850389	-1.817277	7.862238	-0.99496
RT90_To_WGS_1984_2	1896	Coordinate_Frame	414.1	41.3	603.1	0.855	-2.141	7.023	0
S_JTSK_To_ETRS_1989_1	1622	Position_Vector	570.8	85.7	462.8	4.998	1.587	5.261	3.56
S_JTSK_To_ETRS_1989_2	1624	Position_Vector	559	68.7	451.5	7.92	4.073	4.251	5.71
S_JTSK_To_Pulkovo_1942	108202	Position_Vector	544.8	206.7	540.8	4.998	1.587	5.261	3.56
S_JTSK_To_WGS_1984_1	1623	Position_Vector	570.8	85.7	462.8	4.998	1.587	5.261	3.56
S_JTSK_To_WGS_1984_2	1625	Position_Vector	559	68.7	451.5	7.92	4.073	4.251	5.71
Sainte_Anne_To_WGS_1984_2	1905	Position_Vector	-472.29	-5.63	-304.12	0.4362	-0.8374	0.2563	1.8984
Sao_Braz_To_WGS_1984_2	108127	Coordinate_Frame	-208.72	129.69	52.092	0.2	0.01	-0.33	0.2
Scoresbysund_1952_To_Greenland_1996_1	15899	Position_Vector	105	326	-102.5	0	0	0.814	-0.6
Scoresbysund_1952_To_WGS_1984_1	1799	Position_Vector	105	326	-102.5	0	0	0.814	-0.6
ST71_Belep_To_WGS_1984_1	1931	Position_Vector	-480.26	-438.32	-643.43	16.3119	20.1721	-4.0349	-111.7002
ST84_Ile_des_Pins_To_RGNC_1991-93_1	15893	Coordinate_Frame	244.42	85.352	168.13	8.936	-7.752	-12.5952	14.2723
ST84_Ile_des_Pins_To_WGS_1984_1	1930	Position_Vector	244.42	85.339	168.11	-8.9353	7.7523	12.5953	14.268
ST87_Ouvea_To_RGNC_1991-93_2	15892	Coordinate_Frame	-122.39	-188.71	103.33	-3.511	4.9665	5.7048	4.4799
SWEREF99_To_RT90	108212	Coordinate_Frame	-414.1	-41.338	-603.06	-0.85504343	2.1413465	-7.022721	0
Tahaa_1954_To_RGPF_1	15758	Coordinate_Frame	72.438	345.92	79.486	-1.6045	-0.8823	-0.5565	1.3746
Tahaa_1954_To_WGS_1984_2	15770	Coordinate_Frame	72.438	345.92	79.486	-1.6045	-0.8823	-0.5565	1.3746
Tahiti_1979_To_RGPF_1	15756	Coordinate_Frame	221.53	152.95	176.77	2.3847	1.3896	0.877	11.4741
Tahiti_1979_To_WGS_1984_1	15768	Coordinate_Frame	221.53	152.95	176.77	2.3847	1.3896	0.877	11.4741
Tete_To_Moznet_1	1297	Coordinate_Frame	-115.06	-87.39	-101.72	0.058	-4.001	2.062	9.366
Tete_To_Moznet_2	1298	Coordinate_Frame	-82.875	-57.097	-156.77	2.158	-1.524	0.982	-0.359
Tete_To_Moznet_3	1299	Coordinate_Frame	-138.53	-91.999	-114.59	0.14	-3.363	2.217	11.748
Tete_To_Moznet_4	1300	Coordinate_Frame	-73.472	-51.66	-112.48	-0.953	-4.6	2.368	0.586
Tete_To_Moznet_5	1301	Coordinate_Frame	219.31	168.97	-166.15	-0.198	-5.926	2.356	-57.104
Tete_To_WGS_1984_1	1683	Coordinate_Frame	-115.06	-87.39	-101.72	0.058	-4.001	2.062	9.366
Tete_To_WGS_1984_2	1684	Coordinate_Frame	-82.875	-57.097	-156.77	2.158	-1.524	0.982	-0.359
Tete_To_WGS_1984_3	1685	Coordinate_Frame	-138.53	-91.999	-114.59	0.14	-3.363	2.217	11.748
Tete_To_WGS_1984_4	1686	Coordinate_Frame	-73.472	-51.66	-112.48	-0.953	-4.6	2.368	0.586
Tete_To_WGS_1984_5	1687	Coordinate_Frame	219.31	168.97	-166.15	-0.198	-5.926	2.356	-57.104

Timbalai_1948_To_WGS_1984_4	1852	Position_Vector	-533.4	669.2	-52.5	0	0	4.28	9.4
TM65_To_ETRS_1989_1	1640	Position_Vector	482.53	-130.6	564.56	-1.042	-0.214	-0.631	8.15
TM65_To_WGS_1984_2	1641	Position_Vector	482.53	-130.6	564.56	-1.042	-0.214	-0.631	8.15
TM75_To_ETRS_1989_2	1953	Position_Vector	482.53	-130.6	564.56	-1.042	-0.214	-0.631	8.15
TM75_To_WGS_1984_2	1954	Position_Vector	482.53	-130.6	564.56	-1.042	-0.214	-0.631	8.15
WGS_1972_BE_To_WGS_1972_1	1239	Position_Vector	0	0	-2.6	0	0	0.26	-0.6063
WGS_1972_BE_To_WGS_1984_1	1240	Position_Vector	0	0	1.9	0	0	0.814	-0.38
WGS_1972_To_WGS_1984_1	1237	Position_Vector	0	0	4.5	0	0	0.554	0.2263
WGS_1972_To_WGS_1984_2	1238	Position_Vector	0	0	4.5	0	0	0.554	0.219
WGS_1984_(ITRF00)_To_NAD_1983_HARN	108282	Coordinate_Frame	0.9956	-1.9013	-0.5215	0.025915	0.009426	0.011599	0.00062
WGS_1984_To_Observatorio_Meteor_1965_1	108211	Coordinate_Frame	148.64	339.47	157.27	32.87685	-76.963371	-32.622853	-8.204889
WGS_1984_To_RT90	108213	Coordinate_Frame	-414.1	-41.338	-603.06	-0.85504343	2.1413465	-7.022721	0

Key to parameters

dx = x axis translation (meters)

dy = y axis translation (meters)

dz = z axis translation (meters)

rx = x axis rotation (arc-seconds)

ry = y axis rotation (arc-seconds)

rz = z axis rotation (arc-seconds)

ds = scale difference (parts per million, ppm)

Geographic (datum) transformations—Molodensky-Badekas (10 parameters) method

Name	Code	dx	dy	dz	rx	ry	rz	ds	x0	y0	z0
Amersfoort_To_ETRS_1989_4	15740	593.03	26.004	478.75	0.40685733	-0.35073268	1.8703474	4.0812	3903453.148	368135.3134	5012970.305
Amersfoort_To_ETRS_1989_MB	1066	593.03	26	478.74	0.40939439	-0.3597052	1.868491	4.0772	3903453.148	368135.313	5012970.306
Amersfoort_To_WGS_1984_4X	108237	593.03	26.004	478.75	0.40685733	-0.35073268	1.8703474	4.0812	3903453.148	368135.3134	5012970.305
Bogota_To_MAGNA_Region_1_MB	15730	300.45	293.76	-317.31	12.414214	-2.9908438	-39.034686	-20.81615	1891881.173	-5961263.267	1248403.057
Bogota_To_MAGNA_Region_2_MB	15731	308.83	282.52	-314.57	-9.2238424	2.4237909	-8.3083072	-13.56561	1625036.59	-6054644.061	1172969.151
Bogota_To_MAGNA_Region_3_MB	15732	311.12	289.17	-310.64	-17.241294	-6.3064928	1.5620522	-5.771882	1555622.801	-6105353.313	991255.656
Bogota_To_MAGNA_Region_4_MB	15733	306.67	315.06	-318.84	-16.48504	-1.6688263	21.692849	-13.89912	1845222.398	-6058604.495	769132.398
Bogota_To_MAGNA_Region_5_MB	15734	307.87	305.8	-311.99	-8.6968833	-4.1880336	-12.808269	2.181655	1594396.206	-6143812.398	648855.829
Bogota_To_MAGNA_Region_6_MB	15735	302.93	307.81	-312.12	6.866871	-8.2526735	-9.2967777	3.746562	1558280.49	-6167355.092	491954.2193
Bogota_To_MAGNA_Region_7_MB	15736	295.28	321.29	-311	-9.6904939	1.031969	-19.75739	6.325744	1564000.62	-6180004.879	243257.9554
Bogota_To_MAGNA_Region_8_MB	15737	302.53	317.98	-319.08	2.8084315	-0.44851375	-2.8101888	-2.199976	1738580.767	-6120500.388	491473.3064
La_Canoa_To_REGVEN_1	1771	-270.93	115.6	-360.23	-5.266	-1.238	2.381	-5.109	2464351.594	-5783466.613	974809.808
La_Canoa_To_SIRGAS	108217	-270.93	115.6	-360.23	-5.266	-1.238	2.381	-5.109	2464351.594	-5783466.613	974809.808
La_Canoa_To_WGS_1984_2	1096	-270.93	115.6	-360.23	-5.266	-1.238	2.381	-5.109	2464351.594	-5783466.613	974809.808
Luxembourg_1930_To_ETRS_1989_2	1078	-265.98	76.918	20.182	0.4099	2.9332	-2.6881	0.43	4098647.674	442843.139	4851251.093
Luxembourg_1930_To_WGS_1984_2	1079	-265.98	76.918	20.182	0.4099	2.9332	-2.6881	0.43	4098647.674	442843.139	4851251.093
MGI_To_WGS_1984_7	1795	408.09	-288.96	791.55	-4.078662	0.022669	9.825424	94.060626	4444943.025	1518098.483	4302370.077
Observatorio_Meteorologico_1965_To_WGS_1984_2	108234	-203.35	-302.66	-155.23	-33.338	76.825	32.412	7.926	-2361564.77	5417538.39	2391581.09
PSAD_1956_To_REGVEN	1769	-270.93	115.6	-360.23	-5.266	-1.238	2.381	-5.109	2464351.594	-5783466.613	974809.808

PSAD_1956_To_WGS_1984_13	1095	-270.93	115.6	-360.23	-5.266	-1.238	2.381	-5.109	2464351.594	-5783466.613	974809.808
WGS_1984_To_Observatorio_Meteorologico_1965_2	108235	203.35	302.66	155.23	33.326	-76.831	-32.4	-7.926	-2361768.11	5417235.73	2391425.86

Key to parameters

dx = x axis translation (meters)

dy = y axis translation (meters)

dz = z axis translation (meters)

rx = x axis rotation (arc-seconds)

ry = y axis rotation (arc-seconds)

rz = z axis rotation (arc-seconds)

ds = scale difference (parts per million, ppm)

x0 = x origin of rotation (meters)

y0 = y origin of rotation (meters)

z0 = z origin of rotation (meters)
