Vertical datum transformations

ArcGIS Enterprise 11.4

Each datum transformation used by the ArcGIS REST API has an ID (WKID), a name, and well-known textual definitions (WKT1 and WKT2). The following table provides equation-based vertical datum transformations.

WKID	Name	WKT1	WKT2
4441	NZVD2009_To_One_Tree_Point_1	VERTTRAN["NZVD2009_To_One_Tree_Point_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["One_Tree_Point",VDATUM["One_Tree_Point"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.06],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NZVD2009_To_One_Tree_Point_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["One_Tree_Point",VDATUM["One_Tree_Point"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.06,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.03]]
4442	NZVD2009_To_Auckland_1	VERTTRAN["NZVD2009_To_Auckland_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Auckland",VDATUM["Auckland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Auckland_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Auckland",VDATUM["Auckland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
4443	NZVD2009_To_Moturiki_1	VERTTRAN["NZVD2009_To_Moturiki_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Moturiki",VDATUM["Moturiki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.24],OPERATIONACCURACY[0.06]]	COORDINATEOPERATION["NZVD2009_To_Moturiki_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Moturiki",VDATUM["Moturiki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.24,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.06]]
4444	NZVD2009_To_Nelson_1	VERTTRAN["NZVD2009_To_Nelson_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Nelson",VDATUM["Nelson"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.29],OPERATIONACCURACY[0.07]]	COORDINATEOPERATION["NZVD2009_To_Nelson_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Nelson",VDATUM["Nelson"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.29,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.07]]
4445	NZVD2009_To_Gisborne_1	VERTTRAN["NZVD2009_To_Gisborne_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Gisborne",VDATUM["Gisborne"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2009_To_Gisborne_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Gisborne",VDATUM["Gisborne"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
4446	NZVD2009_To_Napier_1	VERTTRAN["NZVD2009_To_Napier_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Napier",VDATUM["Napier"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.2],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Napier_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Napier",VDATUM["Napier"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.2,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]
4447	NZVD2009_To_Taranaki_1	VERTTRAN["NZVD2009_To_Taranaki_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Taranaki",VDATUM["Taranaki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.32],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Taranaki_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Taranaki",VDATUM["Taranaki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.32,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]
4448	NZVD2009_To_Wellington_1	VERTTRAN["NZVD2009_To_Wellington_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Wellington",VDATUM["Wellington"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.44],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["NZVD2009_To_Wellington_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Wellington",VDATUM["Wellington"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.44,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.04]]

WKID	Name	WKT1	WKT2
4449	NZVD2009_To_Lyttelton_1	VERTTRAN["NZVD2009_To_Lyttelton_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Lyttelton",VDATUM["Lyttelton"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.47],OPERATIONACCURACY[0.09]]	COORDINATEOPERATION["NZVD2009_To_Lyttelton_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Lyttelton",VDATUM["Lyttelton"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.47,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.09]]
4450	NZVD2009_To_Dunedin_1	VERTTRAN["NZVD2009_To_Dunedin_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin",VDATUM["Dunedin"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.49],OPERATIONACCURACY[0.07]]	COORDINATEOPERATION["NZVD2009_To_Dunedin_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Dunedin",VDATUM["Dunedin"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.49,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.07]]
4451	NZVD2009_To_Bluff_1	VERTTRAN["NZVD2009_To_Bluff_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Bluff",VDATUM["Bluff"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.36],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Bluff_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Bluff",VDATUM["Bluff"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.36,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
4452	NZVD2009_To_Stewart_Island_1	VERTTRAN["NZVD2009_To_Stewart_Island_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Stewart_Island",VDATUM["Stewart_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.39],OPERATIONACCURACY[0.15]]	COORDINATEOPERATION["NZVD2009_To_Stewart_Island_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Stewart_Island",VDATUM["Stewart_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.39,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.15]]
4453	NZVD2009_To_Dunedin_Bluff_1960_1	VERTTRAN["NZVD2009_To_Dunedin_Bluff_1960_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.38],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["NZVD2009_To_Dunedin_Bluff_1960_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.38,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.04]]

WKID	Name	WKT1	WKT2
4651	Newlyn_(height)_to_EVRF2000_(height)_(1)	VERTTRAN["Newlyn_(height)_to_EVRF2000_(height)_(1)",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.07],PARAMETER["Longitude_Of_Evaluation",-2.25],PARAMETER["Latitude_Of_Evaluation",54.5833333333334],PARAMETER["Inclination_North",0.044],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Newlyn_(height)_to_EVRF2000_(height)_(1)",SOURCECRS[VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.07,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",-2.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",54.5833333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.044,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5196	HVRS_1971_Height_To_EVRS_2000_Height_1	VERTTRAN["HVRS_1971_Height_To_EVRS_2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.343],PARAMETER["Longitude_Of_Evaluation",16.36666666666667],PARAMETER["Latitude_Of_Evaluation",45.35],PARAMETER["Inclination_North",-0.007],PARAMETER["Inclination_East",-0.016],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["HVRS_1971_Height_To_EVRS_2000_Height_1",SOURCECRS[VERTCRS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.343,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",16.36666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",45.35,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.007,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.016,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5197	HVRS_1971_Height_To_EVRF_2007_Height_1	VERTTRAN["HVRS_1971_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.313],PARAMETER["Longitude_Of_Evaluation",16.36666666666667],PARAMETER["Latitude_Of_Evaluation",45.35],PARAMETER["Inclination_North",-0.016],PARAMETER["Inclination_East",-0.018],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["HVRS_1971_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.313,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",16.36666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",45.35,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.016,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.018,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5198	Oostende_Height_To_EVRS_2000_Height_1	VERTTRAN["Oostende_Height_To_EVRS_2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-2.311],PARAMETER["Longitude_Of_Evaluation",4.766666666666667],PARAMETER["Latitude_Of_Evaluation",50.71666666666667],PARAMETER["Inclination_North",-0.016],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Oostende_Height_To_EVRS_2000_Height_1",SOURCECRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-2.311,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",4.766666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",50.71666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.016,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5199	Oostende_Height_To_EVRF_2007_Height_1	VERTTRAN["Oostende_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-2.317],PARAMETER["Longitude_Of_Evaluation",4.766666666666667],PARAMETER["Latitude_Of_Evaluation",50.71666666666667],PARAMETER["Inclination_North",-0.031],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Oostende_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-2.317,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",4.766666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",50.71666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.031,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5200	Baltic_1982_Height_To_EVRF_2007_Height_1	VERTTRAN["Baltic_1982_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1982",VDATUM["Baltic_1982"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.228],PARAMETER["Longitude_Of_Evaluation",25.37666666666667],PARAMETER["Latitude_Of_Evaluation",42.625],PARAMETER["Inclination_North",-0.009],PARAMETER["Inclination_East",-0.003],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_1982_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["Baltic_1982",VDATUM["Baltic_1982"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.228,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",25.37666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.625,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.009,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.003,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5201	Baltic_Height_To_EVRS_2000_Height_4	VERTTRAN["Baltic_Height_To_EVRS_2000_Height_4",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.116],PARAMETER["Longitude_Of_Evaluation",15.25],PARAMETER["Latitude_Of_Evaluation",49.91666666666666],PARAMETER["Inclination_North",0.036],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRS_2000_Height_4",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.116,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",49.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.036,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5202	Baltic_Height_To_EVRF_2007_Height_1	VERTTRAN["Baltic_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.13],PARAMETER["Longitude_Of_Evaluation",15.25],PARAMETER["Latitude_Of_Evaluation",49.91666666666666],PARAMETER["Inclination_North",0.026],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.13,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",49.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.026,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5203	Baltic_Height_To_EVRF_2007_Height_2	VERTTRAN["Baltic_Height_To_EVRF_2007_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.195],PARAMETER["Longitude_Of_Evaluation",25.86666666666667],PARAMETER["Latitude_Of_Evaluation",58.7],PARAMETER["Inclination_North",0.009],PARAMETER["Inclination_East",-0.013],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRF_2007_Height_2",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.195,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",25.86666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",58.7,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.009,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",-0.013,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5204	Baltic_Height_To_EVRF_2007_Height_3	VERTTRAN["Baltic_Height_To_EVRF_2007_Height_3",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.121],PARAMETER["Longitude_Of_Evaluation",24.01666666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.053],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRF_2007_Height_3",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.121,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.053,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5205	Constanta_Height_To_EVRS_2000_Height_1	VERTTRAN["Constanta_Height_To_EVRS_2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Constanta",VDATUM["Constanta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.028],PARAMETER["Longitude_Of_Evaluation",24.81666666666667],PARAMETER["Latitude_Of_Evaluation",46.01666666666667],PARAMETER["Inclination_North",0.002],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Constanta_Height_To_EVRS_2000_Height_1",SOURCECRS[VERTCRS["Constanta",VDATUM["Constanta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.028,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.81666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.002,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5206	Constanta_Height_To_EVRF_2007_Height_1	VERTTRAN["Constanta_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Constanta",VDATUM["Constanta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.062],PARAMETER["Longitude_Of_Evaluation",24.81666666666667],PARAMETER["Latitude_Of_Evaluation",46.01666666666667],PARAMETER["Inclination_North",-0.005],PARAMETER["Inclination_East",0.008],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Constanta_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["Constanta",VDATUM["Constanta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.062,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.81666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.005,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.008,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5207	LN_1902_Height_To_EVRF_2007_Height_1	VERTTRAN["LN_1902_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.225],PARAMETER["Longitude_Of_Evaluation",8.183333333333334],PARAMETER["Latitude_Of_Evaluation",46.91666666666666],PARAMETER["Inclination_North",-0.221],PARAMETER["Inclination_East",-0.033],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["LN_1902_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.225,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",8.183333333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.221,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.033,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5208	RH2000_Height_To_EVRF_2007_Height_1	VERTTRAN["RH2000_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.008],PARAMETER["Longitude_Of_Evaluation",15.8],PARAMETER["Latitude_Of_Evaluation",61.9],PARAMETER["Inclination_North",-0.0006],PARAMETER["Inclination_East",-0.0003],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RH2000_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.008,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.8,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",61.9,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.0006,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],PARAMETER["Inclination_East",-0.0003,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5209	Baltic_Height_To_EVRS_2000_Height_5	VERTTRAN["Baltic_Height_To_EVRS_2000_Height_5",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.105],PARAMETER["Longitude_Of_Evaluation",24.88333333333333],PARAMETER["Latitude_Of_Evaluation",56.96666666666667],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.004],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRS_2000_Height_5",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.105,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.88333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",56.96666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.004,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5210	Baltic_Height_To_EVRF_2007_Height_4	VERTTRAN["Baltic_Height_To_EVRF_2007_Height_4",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.154],PARAMETER["Longitude_Of_Evaluation",24.88333333333333],PARAMETER["Latitude_Of_Evaluation",56.96666666666667],PARAMETER["Inclination_North",0.016],PARAMETER["Inclination_East",-0.012],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRF_2007_Height_4",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.154,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.88333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",56.96666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.016,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",-0.012,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5211	DHHN92_Height_To_EVRF_2007_Height_1	VERTTRAN["DHHN92_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.015],PARAMETER["Longitude_Of_Evaluation",10.2166666666667],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.01],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DHHN92_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.015,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",10.21666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",51.05,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.01,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5212	DHHN85_Height_To_EVRF_2007_Height_1	VERTTRAN["DHHN85_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.017],PARAMETER["Longitude_Of_Evaluation",8.666666666666],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.011],PARAMETER["Inclination_East",0.005],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DHHN85_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.017,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",8.666666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",51.05,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.011,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.005,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5213	Genoa_Height_To_EVRS_2000_Height_1	VERTTRAN["Genoa_Height_To_EVRS_2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.309],PARAMETER["Longitude_Of_Evaluation",12.96666666666667],PARAMETER["Latitude_Of_Evaluation",42.58333333333334],PARAMETER["Inclination_North",-0.03],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Genoa_Height_To_EVRS_2000_Height_1",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.309,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",12.96666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.58333333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.03,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5215	Genoa_Height_To_EVRF_2007_Height_1	VERTTRAN["Genoa_Height_To_EVRF_2007_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.259],PARAMETER["Longitude_Of_Evaluation",12.96666666666667],PARAMETER["Latitude_Of_Evaluation",42.58333333333334],PARAMETER["Inclination_North",-0.036],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Genoa_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.259,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",12.96666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.58333333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.036,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5216	Genoa_Height_To_EVRS_2000_Height_2	VERTTRAN["Genoa_Height_To_EVRS_2000_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.402],PARAMETER["Longitude_Of_Evaluation",14.3],PARAMETER["Latitude_Of_Evaluation",37.5],PARAMETER["Inclination_North",-0.079],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Genoa_Height_To_EVRS_2000_Height_2",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.402,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",14.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",37.5,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.079,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5217	Genoa_Height_To_EVRF_2007_Height_2	VERTTRAN["Genoa_Height_To_EVRF_2007_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.333],PARAMETER["Longitude_Of_Evaluation",14.3],PARAMETER["Latitude_Of_Evaluation",37.5],PARAMETER["Inclination_North",-0.051],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Genoa_Height_To_EVRF_2007_Height_2",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.333,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",14.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",37.5,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.051,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]
5400	Baltic_To_Caspian_1	VERTTRAN["Baltic_To_Caspian_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Caspian",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-28.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_To_Caspian_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Caspian",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-28.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
5402	Baltic_To_AIOC95_Depth_1	VERTTRAN["Baltic_To_AIOC95_Depth_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AIOC95_Depth",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-26.3],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_To_AIOC95_Depth_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AIOC95_Depth",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-26.3,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5403	AIOC95_Depth_To_Caspian_1	VERTTRAN["AIOC95_Depth_To_Caspian_1",VERTCS["AIOC95_Depth",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Caspian",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-1.7],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["AIOC95_Depth_To_Caspian_1",SOURCECRS[VERTCRS["AIOC95_Depth",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Caspian",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-1.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5404	Baltic_To_Black_Sea_1	VERTTRAN["Baltic_To_Black_Sea_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Black_Sea",VDATUM["Black_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.4],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_To_Black_Sea_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Black_Sea",VDATUM["Black_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.4,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
5405	Hong_Kong_Principal_Height_To_Hong_Kong_Chart_Depth_1	VERTTRAN["Hong_Kong_Principal_Height_To_Hong_Kong_Chart_Depth_1",VERTCS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Hong_Kong_Principal_Height_To_Hong_Kong_Chart_Depth_1",SOURCECRS[VERTCRS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5406	Belfast_To_Malin_Head_1	VERTTRAN["Belfast_To_Malin_Head_1",VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.037],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Belfast_To_Malin_Head_1",SOURCECRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.037,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.01]]
5407	Poolbeg_To_Malin_Head_1	VERTTRAN["Poolbeg_To_Malin_Head_1",VERTCS["Poolbeg",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_British_1936",0.3048007491]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_To_Malin_Head_1",SOURCECRS[VERTCRS["Poolbeg",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_British_1936",0.3048007491]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5408	Poolbeg_To_Belfast_1	VERTTRAN["Poolbeg_To_Belfast_1",VERTCS["Poolbeg",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_British_1936",0.3048007491]],VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_To_Belfast_1",SOURCECRS[VERTCRS["Poolbeg",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_British_1936",0.3048007491]]],TARGETCRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
5409	NGVD29_To_NAVD88_NAD27_1_West	VERTTRAN["NGVD29_To_NAVD88_NAD27_1_West",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_1_West",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
5410	NGVD29_To_NAVD88_NAD27_2_Central	VERTTRAN["NGVD29_To_NAVD88_NAD27_2_Central",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconc.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_2_Central",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.017453292519943]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconc.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
5411	NGVD29_To_NAVD88_NAD27_3_East	VERTTRAN["NGVD29_To_NAVD88_NAD27_3_East",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertcone.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_3_East",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.017453292519943]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertcone.94"],OPERATIONACCURACY[0.02]]
5412	KOC_CD_To_Kuwait_PWD_1	VERTTRAN["KOC_CD_To_Kuwait_PWD_1",VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.49],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_CD_To_Kuwait_PWD_1",SOURCECRS[VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.49,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5413	KOC_CD_To_KOC_WD_1	VERTTRAN["KOC_CD_To_KOC_WD_1",VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.74],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_CD_To_KOC_WD_1",SOURCECRS[VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.74,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
5414	KOC_WD_To_Kuwait_PWD_1	VERTTRAN["KOC_WD_To_Kuwait_PWD_1",VERTCS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.25],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_WD_To_Kuwait_PWD_1",SOURCECRS[VERTCRS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.25,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5415	GHA_To_EVRS_2000_1	VERTTRAN["GHA_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.356],PARAMETER["Longitude_Of_Evaluation",14.45],PARAMETER["Latitude_Of_Evaluation",47.53333333333333],PARAMETER["Inclination_North",-0.057],PARAMETER["Inclination_East",-0.058],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["GHA_To_EVRS_2000_1",SOURCECRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.356,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",14.45,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",47.53333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.057,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.058,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5416	Baltic_1982_To_EVRS_2000_1	VERTTRAN["Baltic_1982_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1982",VDATUM["Baltic_1982"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.182],PARAMETER["Longitude_Of_Evaluation",25.37666666666667],PARAMETER["Latitude_Of_Evaluation",42.625],PARAMETER["Inclination_North",0.001],PARAMETER["Inclination_East",-0.004],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_1982_To_EVRS_2000_1",SOURCECRS[VERTCRS["Baltic_1982",VDATUM["Baltic_1982"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.182,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",25.37666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.625,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.001,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.004,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5417	DNN_To_EVRS_2000_1	VERTTRAN["DNN_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.011],PARAMETER["Longitude_Of_Evaluation",9.233333333333333],PARAMETER["Latitude_Of_Evaluation",56.03333333333333],PARAMETER["Inclination_North",0.003],PARAMETER["Inclination_East",0.011],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DNN_To_EVRS_2000_1",SOURCECRS[VERTCRS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.011,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",9.233333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",56.03333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.003,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",0.011,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5418	Baltic_To_EVRS_2000_1	VERTTRAN["Baltic_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.133],PARAMETER["Longitude_Of_Evaluation",25.8666666666667],PARAMETER["Latitude_Of_Evaluation",58.7],PARAMETER["Inclination_North",-0.013],PARAMETER["Inclination_East",0.005],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_To_EVRS_2000_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.133,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",25.86666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",58.7,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.013,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.005,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]
5419	NGF_IGN69_To_EVRS_2000_1	VERTTRAN["NGF_IGN69_To_EVRS_2000_1",VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.486],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NGF_IGN69_To_EVRS_2000_1",SOURCECRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.486,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5420	DHHN92_To_EVRS_2000_1	VERTTRAN["DHHN92_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.014],PARAMETER["Longitude_Of_Evaluation",10.21666666666667],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.001],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DHHN92_To_EVRS_2000_1",SOURCECRS[VERTCRS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.014,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",10.21666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",51.05,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.001,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5421	DHHN85_To_EVRS_2000_1	VERTTRAN["DHHN85_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.017],PARAMETER["Longitude_Of_Evaluation",8.666666666666666],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.002],PARAMETER["Inclination_East",0.003],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DHHN85_To_EVRS_2000_1",SOURCECRS[VERTCRS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.017,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",8.666666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",51.05,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.003,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5422	SNN76_To_EVRS_2000_1	VERTTRAN["SNN76_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SNN76",VDATUM["SNN76"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.157],PARAMETER["Longitude_Of_Evaluation",13.166666666666667],PARAMETER["Latitude_Of_Evaluation",52.53333333333333],PARAMETER["Inclination_North",0.007],PARAMETER["Inclination_East",0.005],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["SNN76_To_EVRS_2000_1",SOURCECRS[VERTCRS["SNN76",VDATUM["SNN76"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.157,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",13.16666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",52.53333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.007,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.005,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5424	EOMA_1980_To_EVRS_2000_1	VERTTRAN["EOMA_1980_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EOMA_1980",VDATUM["Baltic_1980"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.14],PARAMETER["Longitude_Of_Evaluation",19.58333333333333],PARAMETER["Latitude_Of_Evaluation",46.98333333333333],PARAMETER["Inclination_North",0.008],PARAMETER["Inclination_East",-0.002],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["EOMA_1980_To_EVRS_2000_1",SOURCECRS[VERTCRS["EOMA_1980",VDATUM["Baltic_1980"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.14,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",19.58333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.98333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.008,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],PARAMETER["Inclination_East",-0.002,ANGLEUNIT["Arcsecond",0.0000048481368110953 6]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5425	NAP_To_EVRS_2000_1	VERTTRAN["NAP_To_EVRS_2000_1",VERTCS["NAP",VDATUM["Normaal_Amsterdams_Peil"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.005],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NAP_To_EVRS_2000_1",SOURCECRS[VERTCRS["NAP",VDATUM["Normaal_Amsterdams_Peil"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.005,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5426	NN54_To_EVRS_2000_1	VERTTRAN["NN54_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NN54",VDATUM["Norway_Normal_Null_1954"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.001],PARAMETER["Longitude_Of_Evaluation",11.16666666666667],PARAMETER["Latitude_Of_Evaluation",62.93333333333333],PARAMETER["Inclination_North",-0.01],PARAMETER["Inclination_East",0.034],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NN54_To_EVRS_2000_1",SOURCECRS[VERTCRS["NN54",VDATUM["Norway_Normal_Null_1954"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.001,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",11.16666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",62.93333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.01,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.034,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]
5427	Cascais_To_EVRS_2000_1	VERTTRAN["Cascais_To_EVRS_2000_1",VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.315],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Cascais_To_EVRS_2000_1",SOURCECRS[VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.315,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5428	NVN99_To_EVRS_2000_1	VERTTRAN["NVN99_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.411],PARAMETER["Longitude_Of_Evaluation",15.0],PARAMETER["Latitude_Of_Evaluation",46.0],PARAMETER["Inclination_North",-0.033],PARAMETER["Inclination_East",0.008],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NVN99_To_EVRS_2000_1",SOURCECRS[VERTCRS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.411,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.0,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.0,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.033,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.008,ANGLEUNIT["Arcsecond",0.000004848136811095336]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5429	Alicante_To_EVRS_2000_1	VERTTRAN["Alicante_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Alicante",VDATUM["Alicante"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.486],PARAMETER["Longitude_Of_Evaluation",-3.659722222222222],PARAMETER["Latitude_Of_Evaluation",40.77222222222222],PARAMETER["Inclination_North",-0.003],PARAMETER["Inclination_East",0.006],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Alicante_To_EVRS_2000_1",SOURCECRS[VERTCRS["Alicante",VDATUM["Alicante"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.486,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",-3.659722222222222,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",40.77222222222222,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.003,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.006,ANGLEUNIT["Arcsecond",0.000004848136811095336]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5430	RH70_To_EVRS_2000_1	VERTTRAN["RH70_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RH70",VDATUM["Rikets_Hojdsystem_1970"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.005],PARAMETER["Longitude_Of_Evaluation",16.23333333333333],PARAMETER["Latitude_Of_Evaluation",64.0],PARAMETER["Inclination_North",-0.012],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RH70_To_EVRS_2000_1",SOURCECRS[VERTCRS["RH70",VDATUM["Rikets_Hojdsystem_1970"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.005,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",16.23333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",64.0,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.012,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5431	LN02_To_EVRS_2000_1	VERTTRAN["LN02_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.245],PARAMETER["Longitude_Of_Evaluation",8.183333333333334],PARAMETER["Latitude_Of_Evaluation",46.91666666666666],PARAMETER["Inclination_North",-0.21],PARAMETER["Inclination_East",-0.032],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["LN02_To_EVRS_2000_1",SOURCECRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.245,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",8.183333333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.21,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.032,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]
5432	N60_To_EVRS_2000_1	VERTTRAN["N60_To_EVRS_2000_1",VERTCS["N60",VDATUM["Helsinki_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.213],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["N60_To_EVRS_2000_1",SOURCECRS[VERTCRS["N60",VDATUM["Helsinki_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.213,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5434	Baltic_To_EVRS_2000_2	VERTTRAN["Baltic_To_EVRS_2000_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.102],PARAMETER["Longitude_Of_Evaluation",24.0166666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_To_EVRS_2000_2",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.102,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5435	Baltic_To_EVRS_2000_3	VERTTRAN["Baltic_To_EVRS_2000_3",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.122],PARAMETER["Longitude_Of_Evaluation",19.25],PARAMETER["Latitude_Of_Evaluation",48.6333333333333],PARAMETER["Inclination_North",0.02],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_To_EVRS_2000_3",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.122,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",19.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",48.6333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.02,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.000004848136811109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5436	Baltic_Height_To_EVRS_2000_Height_1	VERTTRAN["Baltic_Height_To_EVRS_2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.133],PARAMETER["Longitude_Of_Evaluation",25.86666666666667],PARAMETER["Latitude_Of_Evaluation",58.7],PARAMETER["Inclination_North",-0.014],PARAMETER["Inclination_East",0.005],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_Height_To_EVRS_2000_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.133,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",25.86666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",58.7,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.014,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.005,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5437	Baltic_To_EVRS_2000_2	VERTTRAN["Baltic_To_EVRS_2000_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.102],PARAMETER["Longitude_Of_Evaluation",24.0166666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Baltic_To_EVRS_2000_2",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.102,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.000004848136811095536]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.000004848136811095536]],OPERATIONACCURACY[0.1]]
5438	Baltic_Height_To_Caspian_Height_1	VERTTRAN["Baltic_Height_To_Caspian_Height_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Caspian_height",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",28.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Height_To_Caspian_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Caspian_height",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",28.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
5440	Baltic_Depth_To_Caspian_Depth_1	VERTTRAN["Baltic_Depth_To_Caspian_Depth_1",VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Caspian",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-28.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Depth_To_Caspian_Depth_1",SOURCECRS[VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Caspian",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-28.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5441	Baltic_Depth_To_Caspian_Height_1	VERTTRAN["Baltic_Depth_To_Caspian_Height_1",VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Caspian_height",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",28.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Depth_To_Caspian_Height_1",SOURCECRS[VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Caspian_height",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",28.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5442	Baltic_Height_To_Baltic_Depth_1	VERTTRAN["Baltic_Height_To_Baltic_Depth_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Height_To_Baltic_Depth_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
5443	Baltic_Height_To_AIOC95_Height_1	VERTTRAN["Baltic_Height_To_AIOC95_Height_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AIOC95_Height",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",26.3],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Height_To_AIOC95_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AIOC95_Height",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",26.3,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5445	Baltic_Depth_To_AIOC95_Depth_1	VERTTRAN["Baltic_Depth_To_AIOC95_Depth_1",VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["AIOC95_Depth",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-26.3],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Depth_To_AIOC95_Depth_1",SOURCECRS[VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AIOC95_Depth",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-26.3,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5446	Baltic_Depth_To_AIOC95_Height_1	VERTTRAN["Baltic_Depth_To_AIOC95_Height_1",VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["AIOC95_Height",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",26.3],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Depth_To_AIOC95_Height_1",SOURCECRS[VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AIOC95_Height",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",26.3,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
5447	Baltic_Height_To_Black_Sea_Height_1	VERTTRAN["Baltic_Height_To_Black_Sea_Height_1",VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Black_Sea",VDATUM["Black_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.4],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Baltic_Height_To_Black_Sea_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Black_Sea",VDATUM["Black_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.4,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5448	Poolbeg_Height_To_Malin_Head_Height_1	VERTTRAN["Poolbeg_Height_To_Malin_Head_Height_1",VERTCS["Poolbeg",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_British_1936",0.3048007491]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_Height_To_Malin_Head_Height_1",SOURCECRS[VERTCRS["Poolbeg",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_British_1936",0.3048007491]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
5449	Poolbeg_Height_To_Belfast_Height_1	VERTTRAN["Poolbeg_Height_To_Belfast_Height_1",VERTCS["Poolbeg",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_British_1936",0.3048007491]],VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_Height_To_Belfast_Height_1",SOURCECRS[VERTCRS["Poolbeg",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_British_1936",0.3048007491]]]],TARGETCRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5450	KOC_CD_Height_To_Kuwait_PWD_Height_1	VERTTRAN["KOC_CD_Height_To_Kuwait_PWD_Height_1",VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.49],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_CD_Height_To_Kuwait_PWD_Height_1",SOURCECRS[VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.49,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
5452	Belfast_Height_To_Malin_Head_Height_1	VERTTRAN["Belfast_Height_To_Malin_Head_Height_1",VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.037],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Belfast_Height_To_Malin_Head_Height_1",SOURCECRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.037,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.01]]
5453	KOC_CD_Height_To_Kuwait_WD_Depth_Ft_Intl_1	VERTTRAN["KOC_CD_Height_To_Kuwait_WD_Depth_Ft_Intl_1",VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["KOC_WD_depth_ft",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot",0.3048]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",15.55],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_CD_Height_To_Kuwait_WD_Depth_Ft_Intl_1",SOURCECRS[VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["KOC_WD_depth_ft",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot",0.3048]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",15.55,LENGTHUNIT["Foot",0.3048]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5454	HKPD_Height_To_HKCD_Depth_1	VERTTRAN["HKPD_Height_To_HKCD_Depth_1",VERTCS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["HKPD_Height_To_HKCD_Depth_1",SOURCECRS[VERTCRS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
5455	KOC_WD_Depth_To_Kuwait_PWD_Height_1	VERTTRAN["KOC_WD_Depth_To_Kuwait_PWD_Height_1",VERTCS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.25],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_WD_Depth_To_Kuwait_PWD_Height_1",SOURCECRS[VERTCRS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",4.25,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5557	GHA_To_EVRF_2007_height_1	VERTTRAN["GHA_To_EVRF_2007_height_1", GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.335],PARAMETER["Longitude_Of_Evaluation",14.45],PARAMETER["Latitude_Of_Evaluation",47.53333333333333],PARAMETER["Inclination_North",-0.065],PARAMETER["Inclination_East",-0.06],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["GHA_To_EVRF_2007_height_1",SOURCECRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",-0.335,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",14.45,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",47.53333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.065,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",-0.06,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
5656	GDA94_Height_To_AHD_Height_AUSGeoid09_49	VERTTRAN["GDA94_Height_To_AHD_Height_AUSGeoid09_49",GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AHD",VDATUM["Australian_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AUSGeoid09_GDA94_V1.01_DOV_windows",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["GDA94_Height_To_AHD_Height_AUSGeoid09_49",SOURCECRS[VERTCRS["GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AHD",VDATUM["Australian_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AUSGeoid09_GDA94_V1.01_DOV_windows"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
5657	GDA94_Height_To_AHD_Tasmania_Height_AUSGeoid09_2	VERTTRAN["GDA94_Height_To_AHD_Tasmania_Height_AUSGeoid09_2",GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AHD_Tasmania",VDATUM["Australian_Height_Datum_Tasmania"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AUSGeoid09_GDA94_V1.01_DOV_windows",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["GDA94_Height_To_AHD_Tasmania_Height_AUSGeoid09_2",SOURCECRS[VERTCRS["GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AHD_Tasmania",VDATUM["Australian_Height_Datum_Tasmania"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AUSGeoid09_GDA94_V1.01_DOV_windows"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
6326	NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
6327	NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]
6699	JGD2000_vertical_(height)_to_JGD2011_(vertical)_height_1	VERTTRAN["JGD2000_vertical_(height)_to_JGD2011_(vertical)_height_1",VERTCS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["JGD2000_vertical_(height)_to_JGD2011_(vertical)_height_1",SOURCECRS[VERTCRS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
7646	NAD_1983_2011_To_PRVD02_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_PRVD02_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_PRVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
7647	NAD_1983_2011_To_VIVD09_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_VIVD09_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_VIVD09_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
7648	NAD_1983_MA11_To_GUVD04_GEOID12B_Height	VERTTRAN["NAD_1983_MA11_To_GUVD04_GEOID12B_Height",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bg0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_MA11_To_GUVD04_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bg0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
7649	NAD_1983_MA11_To_NMVD03_GEOID12B_Height	VERTTRAN["NAD_1983_MA11_To_NMVD03_GEOID12B_Height",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bg0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_MA11_To_NMVD03_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bg0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
7650	NAD_1983_PA11_To_ASVD02_GEOID12B_Height	VERTTRAN["NAD_1983_PA11_To_ASVD02_GEOID12B_Height",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bs0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_PA11_To_ASVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bs0"],OPERATIONACCURACY[0.017]]
7653	EGM96_height_To_Kumul_34_height_1	VERTTRAN["EGM96_height_To_Kumul_34_height_1",VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Kumul_34_(height)",VDATUM["Kumul_34"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.87],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM96_height_To_Kumul_34_height_1",SOURCECRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kumul_34_(height)",VDATUM["Kumul_34"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.87,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
7654	EGM2008_height_To_Kiunga_height_1	VERTTRAN["EGM2008_height_To_Kiunga_height_1",VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Kiunga_(height)",VDATUM["Kiunga"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-3.0],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM2008_height_To_Kiunga_height_1",SOURCECRS[VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Kiunga_(height)",VDATUM["Kiunga"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-3.0,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
7655	PNG94_To_PNG08_Height_1	VERTTRAN["PNG94_To_PNG08_Height_1",GEOGCS["GCS_PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PNG08_(height)",VDATUM["Papua_New_Guinea_2008"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_PNG08",0.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["PNG94_To_PNG08_Height_1",SOURCECRS[VERTCRS["PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["PNG08_(height)",VDATUM["Papua_New_Guinea_2008"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["PNG08"],OPERATIONACCURACY[0.2]]

WKID	Name	WKT1	WKT2
7701	Latvia_2000_height_To_EVRF2007_height_1	VERTTRAN["Latvia_2000_height_To_EVRF2007_height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.003],PARAMETER["Longitude_Of_Evaluation",24.883333333333333],PARAMETER["Latitude_Of_Evaluation",56.96666666666667],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.00739999999999999],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Latvia_2000_height_To_EVRF2007_height_1",SOURCECRS[VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.003,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.88333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",56.96666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.00739999999999999,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
7711	ETRS89_To_Newlyn_Height_2_OSGM15	VERTTRAN["ETRS89_To_Newlyn_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.008]]	COORDINATEOPERATION["ETRS89_To_Newlyn_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.008]]

WKID	Name	WKT1	WKT2
7712	ETRS89_To_ODN_Orkney_Height_2_OSGM15	VERTTRAN["ETRS89_To_ODN_Orkney_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Newlyn_Orkney_Isles",VDATUM["Ordnance_Datum_Newlyn_Orkney_Isles"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["ETRS89_To_ODN_Orkney_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Newlyn_Orkney_Isles",VDATUM["Ordnance_Datum_Newlyn_Orkney_Isles"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
7713	ETRS89_To_ODN_Offhore_Height_1_OSGM15	VERTTRAN["ETRS89_To_ODN_Offhore_Height_1_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ODN_(Offshore)_(height)",VDATUM["Ordnance_Datum_Newlyn_(Offshore)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_ODN_Offhore_Height_1_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ODN_(Offshore)_(height)",VDATUM["Ordnance_Datum_Newlyn_(Offshore)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7714	ETRS89_To_Lerwick_Height_2_OSGM15	VERTTRAN["ETRS89_To_Lerwick_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Lerwick",VDATUM["Lerwick"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.018]]	COORDINATEOPERATION["ETRS89_To_Lerwick_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Lerwick",VDATUM["Lerwick"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.018]]

WKID	Name	WKT1	WKT2
7715	ETRS89_To_Stornoway_Height_2_OSGM15	VERTTRAN["ETRS89_To_Stornoway_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Stornoway",VDATUM["Stornoway"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.011]]	COORDINATEOPERATION["ETRS89_To_Stornoway_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Stornoway",VDATUM["Stornoway"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.011]]

WKID	Name	WKT1	WKT2
7716	ETRS89_To_St_Marys_Height_2_OSGM15	VERTTRAN["ETRS89_To_St_Marys_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["St_Marys",VDATUM["St_Marys"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["ETRS89_To_St_Marys_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["St_Marys",VDATUM["St_Marys"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
7717	ETRS89_To_Douglas_Height_2_OSGM15	VERTTRAN["ETRS89_To_Douglas_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Douglas",VDATUM["Douglas"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_To_Douglas_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Douglas",VDATUM["Douglas"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
7838	DHHN2016_(height)_To_EVRF_2007_(height)_1	VERTTRAN["DHHN2016_(height)_To_EVRF_2007_(height)_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.014],PARAMETER["Longitude_Of_Evaluation",10.21666666666667],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.01],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["DHHN2016_(height)_To_EVRF_2007_(height)_1",SOURCECRS[VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.014,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",10.21666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",51.05,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.01,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
7860	NZVD2016_Height_To_Auckland_1946_Height_1	VERTTRAN["NZVD2016_Height_To_Auckland_1946_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Auckland",VDATUM["Auckland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_auckland_1946_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Auckland_1946_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Auckland",VDATUM["Auckland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["auckland_1946_to_nzvd2016"],OPERATIONACCURACY[0.02]]
7861	NZVD2016_Height_To_Bluff_1955_Height_1	VERTTRAN["NZVD2016_Height_To_Bluff_1955_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Bluff",VDATUM["Bluff"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_bluff_1955_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Bluff_1955_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Bluff",VDATUM["Bluff"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["bluff_1955_to_nzvd2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7862	NZVD2016_Height_To_Dunedin_1958_Height_1	VERTTRAN["NZVD2016_Height_To_Dunedin_1958_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin",VDATUM["Dunedin"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_dunedin_1958_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Dunedin_1958_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dunedin",VDATUM["Dunedin"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["dunedin_1958_to_nzvd2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7863	NZVD2016_Height_To_Dunedin-Bluff_1960_Height_1	VERTTRAN["NZVD2016_Height_To_Dunedin-Bluff_1960_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Dunedin-Bluff_1960_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Dunedin-Bluff_1960_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Dunedin-Bluff_1960_to_nzvd2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7864	NZVD2016_Height_To_Gisborne_1926_Height_1	VERTTRAN["NZVD2016_Height_To_Gisborne_1926_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Gisborne",VDATUM["Gisborne"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gisborne_1926_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Gisborne_1926_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Gisborne",VDATUM["Gisborne"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gisborne_1926_to_nzvd2016"],OPERATIONACCURACY[0.02]]
7865	NZVD2016_Height_To_Lyttelton_1937_Height_1	VERTTRAN["NZVD2016_Height_To_Lyttelton_1937_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Lyttelton",VDATUM["Lyttelton"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_lyttelton_1937_to_nzvd2016",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["NZVD2016_Height_To_Lyttelton_1937_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Lyttelton",VDATUM["Lyttelton"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["lyttelton_1937_to_nzvd2016"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
7866	NZVD2016_Height_To_Moturiki_1953_Height_1	VERTTRAN["NZVD2016_Height_To_Moturiki_1953_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Moturiki",VDATUM["Moturiki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_moturiki_1953_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Moturiki_1953_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Moturiki",VDATUM["Moturiki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["moturiki_1953_to_nzvd2016"],OPERATIONACCURACY[0.02]]
7867	NZVD2016_Height_To_Napier_1962_Height_1	VERTTRAN["NZVD2016_Height_To_Napier_1962_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Napier",VDATUM["Napier"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_napier_1962_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Napier_1962_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Napier",VDATUM["Napier"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["napier_1962_to_nzvd2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7868	NZVD2016_Height_To_Nelson_1955_Height_1	VERTTRAN["NZVD2016_Height_To_Nelson_1955_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Nelson",VDATUM["Nelson"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_nelson_1955_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Nelson_1955_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Nelson",VDATUM["Nelson"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["nelson_1955_to_nzvd2016"],OPERATIONACCURACY[0.02]]
7869	NZVD2016_Height_To_One_Tree_Point_1964_Height_1	VERTTRAN["NZVD2016_Height_To_One_Tree_Point_1964_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["One_Tree_Point",VDATUM["One_Tree_Point"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_one_tree_point_1964_to_nzvd2016",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["NZVD2016_Height_To_One_Tree_Point_1964_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["One_Tree_Point",VDATUM["One_Tree_Point"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["one_tree_point_1964_to_nzvd2016"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
7870	NZVD2016_Height_To_Stewart_Island_1977_Height_1	VERTTRAN["NZVD2016_Height_To_Stewart_Island_1977_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Stewart_Island",VDATUM["Stewart_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_stewart_island_1977_to_nzvd2016",0.0],OPERATIONACCURACY[0.18]]	COORDINATEOPERATION["NZVD2016_Height_To_Stewart_Island_1977_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Stewart_Island",VDATUM["Stewart_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["stewart_island_1977_to_nzvd2016"],OPERATIONACCURACY[0.18]]
7871	NZVD2016_Height_To_Taranaki_1970_Height_1	VERTTRAN["NZVD2016_Height_To_Taranaki_1970_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Taranaki",VDATUM["Taranaki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_taranaki_1970_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Taranaki_1970_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Taranaki",VDATUM["Taranaki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["taranaki_1970_to_nzvd2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
7872	NZVD2016_Height_To_Wellington_1953_Height_1	VERTTRAN["NZVD2016_Height_To_Wellington_1953_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Wellington",VDATUM["Wellington"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_wellington_1953_to_nzvd2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2016_Height_To_Wellington_1953_Height_1",SOURCECRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Wellington",VDATUM["Wellington"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["wellington_1953_to_nzvd2016"],OPERATIONACCURACY[0.02]]
7873	EGM96_height_to_POM96_height_1	VERTTRAN["EGM96_height_to_POM96_height_1",VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["POM96_height",VDATUM["Port_Moresby_1996"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-1.58],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM96_height_to_POM96_height_1",SOURCECRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["POM96_height",VDATUM["Port_Moresby_1996"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-1.58,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
7874	EGM2008_height_to_POM08_height_1	VERTTRAN["EGM2008_height_to_POM08_height_1",VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["POM08_height",VDATUM["Port_Moresby_2008"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.93],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM2008_height_to_POM08_height_1",SOURCECRS[VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["POM08_height",VDATUM["Port_Moresby_2008"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.93,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
7958	ETRS89_To_Belfast_Height_2_OSGM15	VERTTRAN["ETRS89_To_Belfast_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Belfast",0.0],OPERATIONACCURACY[0.014]]	COORDINATEOPERATION["ETRS89_To_Belfast_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Belfast"],OPERATIONACCURACY[0.014]]

WKID	Name	WKT1	WKT2
7959	ETRS89_To_Malin_Head_Height_2_OSGM15	VERTTRAN["ETRS89_To_Malin_Head_Height_2_OSGM15",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Malin",0.0],OPERATIONACCURACY[0.023]]	COORDINATEOPERATION["ETRS89_To_Malin_Head_Height_2_OSGM15",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Malin"],OPERATIONACCURACY[0.023]]
7964	Poolbeg_height_(m)_To_Malin_Head_height_1	VERTTRAN["Poolbeg_height_(m)_To_Malin_Head_height_1",VERTCS["Poolbeg_height_(m)",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_height_(m)_To_Malin_Head_height_1",SOURCECRS[VERTCRS["Poolbeg_height_(m)",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
7966	Poolbeg_height_(m)_To_Belfast_height_1	VERTTRAN["Poolbeg_height_(m)_To_Belfast_height_1",VERTCS["Poolbeg_height_(m)",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Poolbeg_height_(m)_To_Belfast_height_1",SOURCECRS[VERTCRS["Poolbeg_height_(m)",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-2.7,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
7977	HKPD_depth_To_HKCD_depth_1	VERTTRAN["HKPD_depth_To_HKCD_depth_1",VERTCS["HKPD_depth",VDATUM["Hong_Kong_Principal_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["HKPD_depth_To_HKCD_depth_1",SOURCECRS[VERTCRS["HKPD_depth",VDATUM["Hong_Kong_Principal_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.146,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
7980	KOC_CD_height_To_KOC_WD_height_1	VERTTRAN["KOC_CD_height_To_KOC_WD_height_1",VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["KOC_WD_height",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-4.74],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["KOC_CD_height_To_KOC_WD_height_1",SOURCECRS[VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["KOC_WD_height",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-4.74,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
7981	Kuwait_PWD_height_To_KOC_WD_height_1	VERTTRAN["Kuwait_PWD_height_To_KOC_WD_height_1",VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["KOC_WD_height",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-4.25],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Kuwait_PWD_height_To_KOC_WD_height_1",SOURCECRS[VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["KOC_WD_height",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-4.25,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.1]]
8372	RGF93_v2_To_NGF-IGN78_Height_RAC09_2	VERTTRAN["RGF93_v2_To_NGF-IGN78_Height_RAC09_2",GEOGCS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAC09",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["RGF93_v2_To_NGF-IGN78_Height_RAC09_2",SOURCECRS[VERTCRS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAC09"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
8451	GDA2020_Height_To_AHD_Height_AUSGeoid2020_1	VERTTRAN["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",GEOGCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AHD",VDATUM["Australian_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AUSGeoid2020_windows_binary",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",SOURCECRS[VERTCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AHD",VDATUM["Australian_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AUSGeoid2020_windows_binary"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
8885	RGF93_v2_To_NGF-IGN69_Height_RAF18_3	VERTTRAN["RGF93_v2_To_NGF-IGN69_Height_RAF18_3",GEOGCS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAF18",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["RGF93_v2_To_NGF-IGN69_Height_RAF18_3",SOURCECRS[VERTCRS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAF18"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9124	ITRF_2008_Height_To_CGVD2013(CGG2013)_Height_1	VERTTRAN["ITRF_2008_Height_To_CGVD2013(CGG2013)_Height_1",GEOGCS["GCS_ITRF_2008",DATUM["D_ITRF_2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ITRF_2008",DATUM["D_ITRF_2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013i08",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ITRF_2008_Height_To_CGVD2013(CGG2013)_Height_1",SOURCECRS[VERTCRS["ITRF_2008",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ITRF_2008",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013i08"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
9125	ITRF_2008_Height_To_CGVD2013(CGG2013a)_Height_2	VERTTRAN["ITRF_2008_Height_To_CGVD2013(CGG2013a)_Height_2",GEOGCS["GCS_ITRF_2008",DATUM["D_ITRF_2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ITRF_2008",DATUM["D_ITRF_2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013ai08",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ITRF_2008_Height_To_CGVD2013(CGG2013a)_Height_2",SOURCECRS[VERTCRS["ITRF_2008",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ITRF_2008",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013ai08"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
9131	RGAF09_To_IGN_2008_LD_Height_1	VERTTRAN["RGAF09_To_IGN_2008_LD_Height_1",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RALD2016",0.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["RGAF09_To_IGN_2008_LD_Height_1",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RALD2016"],OPERATIONACCURACY[0.2]]
9132	RRAF_1991_To_IGN_2008_LD_Height_1	VERTTRAN["RRAF_1991_To_IGN_2008_LD_Height_1",GEOGCS["GCS_RRAF_1991",DATUM["D_RRAF_1991",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RRAF_1991",DATUM["D_RRAF_1991",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RALDW842016",0.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["RRAF_1991_To_IGN_2008_LD_Height_1",SOURCECRS[VERTCRS["RRAF_1991",DATUM["D_RRAF_1991",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RRAF_1991",DATUM["D_RRAF_1991",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RALDW842016"],OPERATIONACCURACY[0.2]]

WKID	Name	WKT1	WKT2
9133	RGAF09_To_Guadeloupe_1988_Height_2	VERTTRAN["RGAF09_To_Guadeloupe_1988_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1988",VDATUM["IGN_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAGTBT2016",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["RGAF09_To_Guadeloupe_1988_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1988",VDATUM["IGN_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAGTBT2016"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9134	RGAF09_To_IGN_1988_LS_Height_2	VERTTRAN["RGAF09_To_IGN_1988_LS_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1988_LS",VDATUM["IGN_1988_LS"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RALS2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RGAF09_To_IGN_1988_LS_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1988_LS",VDATUM["IGN_1988_LS"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RALS2016"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9135	RGAF09_To_IGN_1988_MG_Height_2	VERTTRAN["RGAF09_To_IGN_1988_MG_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1988_MG",VDATUM["IGN_1988_MG"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAMG2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RGAF09_To_IGN_1988_MG_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1988_MG",VDATUM["IGN_1988_MG"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAMG2016"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9136	RGAF09_To_Martinique_1987_Height_2	VERTTRAN["RGAF09_To_Martinique_1987_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1987",VDATUM["IGN_1987"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAMART2016",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["RGAF09_To_Martinique_1987_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1987",VDATUM["IGN_1987"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAMART2016"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9160	NAD_1983_HARN_To_NAVD88_Height_GEOID99_1	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_1",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u01",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_1",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u01"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9161	NAD_1983_HARN_To_NAVD88_Height_GEOID99_2	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_2",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u02",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_2",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u02"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9162	NAD_1983_HARN_To_NAVD88_Height_GEOID99_3	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_3",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u03",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_3",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u03"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9163	NAD_1983_HARN_To_AVD88_Height_GEOID99_4	VERTTRAN["NAD_1983_HARN_To_AVD88_Height_GEOID99_4",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u04",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_AVD88_Height_GEOID99_4",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u04"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9164	NAD_1983_HARN_To_NAVD88_Height_GEOID99_5	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_5",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u05",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_5",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u05"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9165	NAD_1983_HARN_To_NAVD88_Height_GEOID99_6	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_6",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u06",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_6",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u06"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9166	NAD_1983_HARN_To_NAVD88_Height_GEOID99_7	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_7",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u07",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_7",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u07"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9167	NAD_1983_HARN_To_NAVD88_Height_GEOID99_8	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_GEOID99_8",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999u08",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_GEOID99_8",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999u08"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9168	NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID03	VERTTRAN["NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID03",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid03_conus",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID03",SOURCECRS[VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid03_conus"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
9169	NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID06_9	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID06_9",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid06_ak",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID06_9",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid06_ak"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
9170	NAD_1983_FBN_To_ASVD02_Height_GEOID09_1	VERTTRAN["NAD_1983_FBN_To_ASVD02_Height_GEOID09_1",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009s01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_FBN_To_ASVD02_Height_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009s01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9171	NAD_1983_FBN_To_GUVD04_Height_GEOID09_1	VERTTRAN["NAD_1983_FBN_To_GUVD04_Height_GEOID09_1",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_FBN_To_GUVD04_Height_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9172	NAD_1983_FBN_To_NMVD03_Height_GEOID09_1	VERTTRAN["NAD_1983_FBN_To_NMVD03_Height_GEOID09_1",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_FBN_To_NMVD03_Height_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9173	NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID09_1	VERTTRAN["NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID09_1",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid09_conus",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid09_conus"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9174	NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID09_2	VERTTRAN["NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID09_2",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid09_ak",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID09_2",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid09_ak"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9175	NAD_1983_NSRS2007_To_PRVD02_Height_GEOID09_1	VERTTRAN["NAD_1983_NSRS2007_To_PRVD02_Height_GEOID09_1",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009p01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_PRVD02_Height_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009p01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9176	NAD_1983_NSRS2007_To_VIVD09_Height_GEOID09_1	VERTTRAN["NAD_1983_NSRS2007_To_VIVD09_Height_GEOID09_1",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009p01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_VIVD09_Height_GEOID09_1",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009p01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9187	RGAF09_To_IGN_1988_SB_Height_2	VERTTRAN["RGAF09_To_IGN_1988_SB_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1988_SB",VDATUM["IGN_1988_SB"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gg10_sbv2",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RGAF09_To_IGN_1988_SB_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1988_SB",VDATUM["IGN_1988_SB"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gg10_sbv2"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9188	RGAF09_To_IGN_1988_SM_Height_2	VERTTRAN["RGAF09_To_IGN_1988_SM_Height_2",GEOGCS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["IGN_1988_SM",VDATUM["IGN_1988_SM"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gg10_smv2",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["RGAF09_To_IGN_1988_SM_Height_2",SOURCECRS[VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["IGN_1988_SM",VDATUM["IGN_1988_SM"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gg10_smv2"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9228	RGSPM06_To_Danger_1950_Height_2	VERTTRAN["RGSPM06_To_Danger_1950_Height_2",GEOGCS["GCS_RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Danger_1950",VDATUM["Danger_1950"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RASPM2018",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["RGSPM06_To_Danger_1950_Height_2",SOURCECRS[VERTCRS["RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Danger_1950",VDATUM["Danger_1950"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RASPM2018"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9229	NAD_1983_2011_Height_To_NAVD88_CONUS_GEOID18_Height_3	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_CONUS_GEOID18_Height_3",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018u0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_CONUS_GEOID18_Height_3",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
9230	NAD_1983_2011_Height_To_PRVD02_GEOID18_Height_2	VERTTRAN["NAD_1983_2011_Height_To_PRVD02_GEOID18_Height_2",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018p0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_PRVD02_GEOID18_Height_2",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018p0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
9231	NAD_1983_2011_Height_To_VIVD09_Height_GEOID18_2	VERTTRAN["NAD_1983_2011_Height_To_VIVD09_Height_GEOID18_2",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018p0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_VIVD09_Height_GEOID18_2",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018p0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
9246	NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013)_Height_1	VERTTRAN["NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013)_Height_1",GEOGCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013n83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013n83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
9247	NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013a)_Height_1	VERTTRAN["NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013a)_Height_1",GEOGCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013a)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
9256	POSGAR_2007_To_SRVN16_Height_1	VERTTRAN["POSGAR_2007_To_SRVN16_Height_1",GEOGCS["GCS_POSGAR_2007",DATUM["D_POSGAR_2007",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["POSGAR_2007",DATUM["D_POSGAR_2007",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SRVN16_height",VDATUM["Sistema_de_Referencia_Vertical_Nacional_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GEOIDE-Ar16",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["POSGAR_2007_To_SRVN16_Height_1",SOURCECRS[VERTCRS["POSGAR_2007",DATUM["D_POSGAR_2007",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SRVN16_height",VDATUM["Sistema_de_Referencia_Vertical_Nacional_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_POSGAR_2007",DATUM["D_POSGAR_2007",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GEOIDE-Ar16"],OPERATIONACCURACY[0.05]]
9275	GHA_Height_To_EVRF2000_Austria_Height_1	VERTTRAN["GHA_Height_To_EVRF2000_Austria_Height_1",GEOGCS["GCS_MGI",DATUM["D_MGI",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_GV_HoehenGrid_V1",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["GHA_Height_To_EVRF2000_Austria_Height_1",SOURCECRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_MGI",DATUM["D_MGI",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["GV_HoehenGrid_V1"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9276	ETRS89_Height_To_EVRF2000_Austria_Height_1	VERTTRAN["ETRS89_Height_To_EVRF2000_Austria_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GEOID_GRS80_Oesterreich",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_EVRF2000_Austria_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GEOID_GRS80_Oesterreich"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9277	MGI_To_EVRF2000_Austria_Height_1	VERTTRAN["MGI_To_EVRF2000_Austria_Height_1",GEOGCS["GCS_MGI",DATUM["D_MGI",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["MGI",DATUM["D_MGI",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GEOID_BESSEL_Oesterreich",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["MGI_To_EVRF2000_Austria_Height_1",SOURCECRS[VERTCRS["MGI",DATUM["D_MGI",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_MGI",DATUM["D_MGI",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GEOID_BESSEL_Oesterreich"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9280	ITRF_2005_To_SA_LLD_Height_1	VERTTRAN["ITRF_2005_To_SA_LLD_Height_1",GEOGCS["GCS_ITRF_2005",DATUM["D_ITRF_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ITRF_2005",DATUM["D_ITRF_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SA_LLD_height",VDATUM["South_Africa_Land_Levelling_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_SAGEOID2010",0.0],OPERATIONACCURACY[0.07]]	COORDINATEOPERATION["ITRF_2005_To_SA_LLD_Height_1",SOURCECRS[VERTCRS["ITRF_2005",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["NNR-NUVEL1A+ITRF2005-PMM"]],DATUM["D_ITRF_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SA_LLD_height",VDATUM["South_Africa_Land_Levelling_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ITRF_2005",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["NNR-NUVEL1A+ITRF2005-PMM"]],DATUM["D_ITRF_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["SAGEOID2010"],OPERATIONACCURACY[0.07]]

WKID	Name	WKT1	WKT2
9283	ETRS89_Height_To_NAP_Height_nlgeo2018	VERTTRAN["ETRS89_Height_To_NAP_Height_nlgeo2018",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAP",VDATUM["Normaal_Amsterdams_Peil"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_nlgeo2018",0.0],OPERATIONACCURACY[0.001]]	COORDINATEOPERATION["ETRS89_Height_To_NAP_Height_nlgeo2018",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAP",VDATUM["Normaal_Amsterdams_Peil"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["nlgeo2018"],OPERATIONACCURACY[0.001]]
9304	ETRS89_To_HS2-VRF_height_HS2GM15_1	VERTTRAN["ETRS89_To_HS2-VRF_height_HS2GM15_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["HS2-VRF_height",VDATUM["HS2_Vertical_Reference_Frame"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_HS2GM15",0.0],OPERATIONACCURACY[0.001]]	COORDINATEOPERATION["ETRS89_To_HS2-VRF_height_HS2GM15_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["HS2-VRF_height",VDATUM["HS2_Vertical_Reference_Frame"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["HS2GM15"],OPERATIONACCURACY[0.001]]

WKID	Name	WKT1	WKT2
9325	NZGD2000_To_NZGD2009_Height_2	VERTTRAN["NZGD2000_To_NZGD2009_Height_2",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_nzgeoid2009",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NZGD2000_To_NZGD2009_Height_2",SOURCECRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["nzgeoid2009"],OPERATIONACCURACY[0.1]]
9326	NZGD2000_To_NZGD2016_Height_1	VERTTRAN["NZGD2000_To_NZGD2016_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_New_Zealand_Quasigeoid_2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NZGD2000_To_NZGD2016_Height_1",SOURCECRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["New_Zealand_Quasigeoid_2016"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9371	Vienna_height_To_GHA_height_1	VERTTRAN["Vienna_height_To_GHA_height_1",VERTCS["Vienna_height",VDATUM["Wiener_Null"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",156.68],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["Vienna_height_To_GHA_height_1",SOURCECRS[VERTCRS["Vienna_height",VDATUM["Wiener_Null"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",156.68,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.0]]
9410	ETRS89_Height_To_Alicante_Height_1	VERTTRAN["ETRS89_Height_To_Alicante_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Alicante",VDATUM["Alicante"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_Alicante_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Alicante",VDATUM["Alicante"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9411	ETRS89_Height_To_Mallorca_Height_1	VERTTRAN["ETRS89_Height_To_Mallorca_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Mallorca_height",VDATUM["Mallorca"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_Mallorca_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Mallorca_height",VDATUM["Mallorca"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]
9412	ETRS89_Height_To_Menorca_Height_1	VERTTRAN["ETRS89_Height_To_Menorca_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Menorca_height",VDATUM["Menorca"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_Menorca_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Menorca_height",VDATUM["Menorca"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9413	ETRS89_Height_To_Ibiza_Height_1	VERTTRAN["ETRS89_Height_To_Ibiza_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Ibiza_height",VDATUM["Ibiza"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_Ibiza_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Ibiza_height",VDATUM["Ibiza"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]
9414	ETRS89_Height_To_Ceuta_2_Height_1	VERTTRAN["ETRS89_Height_To_Ceuta_2_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Ceuta_2_height",VDATUM["Ceuta_2"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_Height_To_Ceuta_2_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Ceuta_2_height",VDATUM["Ceuta_2"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9415	REGCAN95_Height_To_Lanzarote_Height_1	VERTTRAN["REGCAN95_Height_To_Lanzarote_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Lanzarote_height",VDATUM["Lanzarote"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_Lanzarote_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Lanzarote_height",VDATUM["Lanzarote"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9416	REGCAN95_Height_To_Fuerteventura_Height_1	VERTTRAN["REGCAN95_Height_To_Fuerteventura_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Fuerteventura_height",VDATUM["Fuerteventura"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_Fuerteventura_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Fuerteventura_height",VDATUM["Fuerteventura"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9417	REGCAN95_Height_To_Gran_Canaria_Height_1	VERTTRAN["REGCAN95_Height_To_Gran_Canaria_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Gran_Canaria_height",VDATUM["Gran_Canaria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_Gran_Canaria_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Gran_Canaria_height",VDATUM["Gran_Canaria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9418	REGCAN95_Height_To_Tenerife_Height_1	VERTTRAN["REGCAN95_Height_To_Tenerife_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Tenerife_height",VDATUM["Tenerife"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_Tenerife_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Tenerife_height",VDATUM["Tenerife"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9419	REGCAN95_Height_To_La_Gomera_Height_1	VERTTRAN["REGCAN95_Height_To_La_Gomera_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["La_Gomera_height",VDATUM["La_Gomera"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_La_Gomera_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["La_Gomera_height",VDATUM["La_Gomera"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9420	REGCAN95_Height_To_La_Palma_Height_1	VERTTRAN["REGCAN95_Height_To_La_Palma_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["La_Palma_height",VDATUM["La_Palma"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_La_Palma_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["La_Palma_height",VDATUM["La_Palma"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9421	REGCAN95_Height_To_El_Hierro_Height_1	VERTTRAN["REGCAN95_Height_To_El_Hierro_Height_1",GEOGCS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["El_Hierro_height",VDATUM["El_Hierro"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP_Canarias",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["REGCAN95_Height_To_El_Hierro_Height_1",SOURCECRS[VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["El_Hierro_height",VDATUM["El_Hierro"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP_Canarias"],OPERATIONACCURACY[0.05]]
9484	ETRS89_To_NN54_Height_1	VERTTRAN["ETRS89_To_NN54_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NN54",VDATUM["Norway_Normal_Null_1954"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_href2008a",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_NN54_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NN54",VDATUM["Norway_Normal_Null_1954"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["href2008a"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9485	ETRS89_To_NN2000_Height_1	VERTTRAN["ETRS89_To_NN2000_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NN2000_height",VDATUM["Norway_Normal_Null_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_HREF2018B_NN2000_EUREF89",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_NN2000_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NN2000_height",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Norway_Normal_Null_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["HREF2018B_NN2000_EUREF89"],OPERATIONACCURACY[0.02]]
9551	Antalya_Height_To_EVRF2019_Height_2	VERTTRAN["Antalya_Height_To_EVRF2019_Height_2",VERTCS["Antalya",VDATUM["Antalya"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.394],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["Antalya_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["Antalya",VDATUM["Antalya"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.394,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9552	Antalya_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["Antalya_Height_To_EVRF2019_Mean-Tide_Height_2",VERTCS["Antalya",VDATUM["Antalya"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.448],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["Antalya_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["Antalya",VDATUM["Antalya"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.448,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.02]]
9553	Cascais_Height_To_EVRF2019_Height_2	VERTTRAN["Cascais_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pt_2019z",0.0],OPERATIONACCURACY[0.028]]	COORDINATEOPERATION["Cascais_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pt_2019z"],OPERATIONACCURACY[0.028]]

WKID	Name	WKT1	WKT2
9554	Cascais_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["Cascais_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pt_2019m",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["Cascais_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pt_2019m"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
9555	DHHN2016_Height_To_EVRF2019_Height_2	VERTTRAN["DHHN2016_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_de_2019z",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["DHHN2016_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["de_2019z"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9556	DHHN2016_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["DHHN2016_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_de_2019m",0.0],OPERATIONACCURACY[0.008]]	COORDINATEOPERATION["DHHN2016_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["de_2019m"],OPERATIONACCURACY[0.008]]

WKID	Name	WKT1	WKT2
9557	GHA_Height_To_EVRF2019_Height_2	VERTTRAN["GHA_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_at_2019z",0.0],OPERATIONACCURACY[0.136]]	COORDINATEOPERATION["GHA_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["at_2019z"],OPERATIONACCURACY[0.136]]

WKID	Name	WKT1	WKT2
9558	GHA_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["GHA_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_at_2019m",0.0],OPERATIONACCURACY[0.13]]	COORDINATEOPERATION["GHA_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["at_2019m"],OPERATIONACCURACY[0.13]]

WKID	Name	WKT1	WKT2
9559	LHN95_Height_To_EVRF2019_Height_2	VERTTRAN["LHN95_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ch_2019z",0.0],OPERATIONACCURACY[0.146]]	COORDINATEOPERATION["LHN95_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ch_2019z"],OPERATIONACCURACY[0.146]]

WKID	Name	WKT1	WKT2
9560	LHN95_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["LHN95_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ch_2019m",0.0],OPERATIONACCURACY[0.142]]	COORDINATEOPERATION["LHN95_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ch_2019m"],OPERATIONACCURACY[0.142]]

WKID	Name	WKT1	WKT2
9561	ODN_Height_To_EVRF2019_Height_2	VERTTRAN["ODN_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_gb_2019z",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["ODN_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["gb_2019z"],OPERATIONACCURACY[0.024]]
9562	ODN_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["ODN_Height_To_EVRF2019_Mean-Tide_Height_2",VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.17],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ODN_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",-0.17,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9563	Oostende_Height_To_EVRF2019_Height_2	VERTTRAN["Oostende_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_be_2019z",0.0],OPERATIONACCURACY[0.042]]	COORDINATEOPERATION["Oostende_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["be_2019z"],OPERATIONACCURACY[0.042]]

WKID	Name	WKT1	WKT2
9564	Oostende_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["Oostende_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_be_2019m",0.0],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["Oostende_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["be_2019m"],OPERATIONACCURACY[0.04]]

WKID	Name	WKT1	WKT2
9565	SVS2010_Height_To_EVRF2019_Height_2	VERTTRAN["SVS2010_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_si_2019z",0.0],OPERATIONACCURACY[0.006]]	COORDINATEOPERATION["SVS2010_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["si_2019z"],OPERATIONACCURACY[0.006]]

WKID	Name	WKT1	WKT2
9566	SVS2010_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["SVS2010_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_si_2019m",0.0],OPERATIONACCURACY[0.008]]	COORDINATEOPERATION["SVS2010_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["si_2019m"],OPERATIONACCURACY[0.008]]

WKID	Name	WKT1	WKT2
9567	Trieste_Height_To_EVRF2019_Height_2	VERTTRAN["Trieste_Height_To_EVRF2019_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Trieste_height",VDATUM["Trieste"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_mk_2019z",0.0],OPERATIONACCURACY[0.042]]	COORDINATEOPERATION["Trieste_Height_To_EVRF2019_Height_2",SOURCECRS[VERTCRS["Trieste_height",VDATUM["Trieste"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["mk_2019z"],OPERATIONACCURACY[0.042]]

WKID	Name	WKT1	WKT2
9568	Trieste_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["Trieste_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Trieste_height",VDATUM["Trieste"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_mk_2019m",0.0],OPERATIONACCURACY[0.044]]	COORDINATEOPERATION["Trieste_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["Trieste_height",VDATUM["Trieste"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["mk_2019m"],OPERATIONACCURACY[0.044]]

WKID	Name	WKT1	WKT2
9569	Trieste_Height_To_EVRF2019_Height_3	VERTTRAN["Trieste_Height_To_EVRF2019_Height_3",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Trieste_height",VDATUM["Trieste"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ba_2019z",0.0],OPERATIONACCURACY[0.012]]	COORDINATEOPERATION["Trieste_Height_To_EVRF2019_Height_3",SOURCECRS[VERTCRS["Trieste_height",VDATUM["Trieste"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ba_2019z"],OPERATIONACCURACY[0.012]]

WKID	Name	WKT1	WKT2
9570	Trieste_Height_To_EVRF2019_Mean-Tide_Height_3	VERTTRAN["Trieste_Height_To_EVRF2019_Mean-Tide_Height_3",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Trieste_height",VDATUM["Trieste"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ba_2019m",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Trieste_Height_To_EVRF2019_Mean-Tide_Height_3",SOURCECRS[VERTCRS["Trieste_height",VDATUM["Trieste"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ba_2019m"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9571	Baltic_1982_Height_To_EVRF2019_Height_1	VERTTRAN["Baltic_1982_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1982",VDATUM["Baltic_1982"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_bgalt_2019z",0.0],OPERATIONACCURACY[0.048]]	COORDINATEOPERATION["Baltic_1982_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Baltic_1982",VDATUM["Baltic_1982"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["bgalt_2019z"],OPERATIONACCURACY[0.048]]

WKID	Name	WKT1	WKT2
9572	Baltic_1982_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Baltic_1982_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1982",VDATUM["Baltic_1982"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_bgalt_2019m",0.0],OPERATIONACCURACY[0.042]]	COORDINATEOPERATION["Baltic_1982_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Baltic_1982",VDATUM["Baltic_1982"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["bgalt_2019m"],OPERATIONACCURACY[0.042]]

WKID	Name	WKT1	WKT2
9573	N2000_Height_To_EVRF2019_Height_1	VERTTRAN["N2000_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_fi_2019z",0.0],OPERATIONACCURACY[0.004]]	COORDINATEOPERATION["N2000_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["fi_2019z"],OPERATIONACCURACY[0.004]]

WKID	Name	WKT1	WKT2
9574	N2000_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["N2000_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_fi_2019m",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["N2000_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["fi_2019m"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
9575	NGF_IGN69_Height_To_EVRF2019_Height_1	VERTTRAN["NGF_IGN69_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_fr_2019z",0.0],OPERATIONACCURACY[0.108]]	COORDINATEOPERATION["NGF_IGN69_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["fr_2019z"],OPERATIONACCURACY[0.108]]

WKID	Name	WKT1	WKT2
9576	NGF_IGN69_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["NGF_IGN69_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_fr_2019m",0.0],OPERATIONACCURACY[0.086]]	COORDINATEOPERATION["NGF_IGN69_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["fr_2019m"],OPERATIONACCURACY[0.086]]

WKID	Name	WKT1	WKT2
9577	EOMA_1980_Height_To_EVRF2019_Height_1	VERTTRAN["EOMA_1980_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EOMA_1980",VDATUM["Baltic_1980"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_hu_2019z",0.0],OPERATIONACCURACY[0.006]]	COORDINATEOPERATION["EOMA_1980_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["EOMA_1980",VDATUM["Baltic_1980"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["hu_2019z"],OPERATIONACCURACY[0.006]]

WKID	Name	WKT1	WKT2
9578	EOMA_1980_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["EOMA_1980_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EOMA_1980",VDATUM["Baltic_1980"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_hu_2019m",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["EOMA_1980_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["EOMA_1980",VDATUM["Baltic_1980"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["hu_2019m"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9579	Latvia_2000_Height_To_EVRF2019_Height_1	VERTTRAN["Latvia_2000_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_lv_2019z",0.0],OPERATIONACCURACY[0.006]]	COORDINATEOPERATION["Latvia_2000_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["lv_2019z"],OPERATIONACCURACY[0.006]]

WKID	Name	WKT1	WKT2
9580	Latvia_2000_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Latvia_2000_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_lv_2019m",0.0],OPERATIONACCURACY[0.008]]	COORDINATEOPERATION["Latvia_2000_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["lv_2019m"],OPERATIONACCURACY[0.008]]

WKID	Name	WKT1	WKT2
9581	NAP_Height_To_EVRF2019_Height_1	VERTTRAN["NAP_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAP",VDATUM["Normaal_Amsterdams_Peil"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_nl_2019z",0.0],OPERATIONACCURACY[0.016]]	COORDINATEOPERATION["NAP_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["NAP",VDATUM["Normaal_Amsterdams_Peil"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["nl_2019z"],OPERATIONACCURACY[0.016]]

WKID	Name	WKT1	WKT2
9582	NAP_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["NAP_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAP",VDATUM["Normaal_Amsterdams_Peil"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_nl_2019m",0.0],OPERATIONACCURACY[0.012]]	COORDINATEOPERATION["NAP_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["NAP",VDATUM["Normaal_Amsterdams_Peil"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["nl_2019m"],OPERATIONACCURACY[0.012]]

WKID	Name	WKT1	WKT2
9583	Constanta_Height_To_EVRF2019_Height_1	VERTTRAN["Constanta_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Constanta",VDATUM["Constanta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ro_2019z",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Constanta_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Constanta",VDATUM["Constanta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ro_2019z"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
9645	Constanta_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Constanta_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Constanta",VDATUM["Constanta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ro_2019m",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["Constanta_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Constanta",VDATUM["Constanta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ro_2019m"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9646	Alicante_Height_To_EVRF2019_Height_1	VERTTRAN["Alicante_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Alicante",VDATUM["Alicante"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_es_2019z",0.0],OPERATIONACCURACY[0.082]]	COORDINATEOPERATION["Alicante_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Alicante",VDATUM["Alicante"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["es_2019z"],OPERATIONACCURACY[0.082]]

WKID	Name	WKT1	WKT2
9647	Alicante_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Alicante_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Alicante",VDATUM["Alicante"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_es_2019m",0.0],OPERATIONACCURACY[0.078]]	COORDINATEOPERATION["Alicante_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Alicante",VDATUM["Alicante"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["es_2019m"],OPERATIONACCURACY[0.078]]

WKID	Name	WKT1	WKT2
9648	RH2000_Height_To_EVRF2019_Height_1	VERTTRAN["RH2000_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_se_2019z",0.0],OPERATIONACCURACY[0.006]]	COORDINATEOPERATION["RH2000_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["se_2019z"],OPERATIONACCURACY[0.006]]

WKID	Name	WKT1	WKT2
9649	RH2000_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["RH2000_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_se_2019m",0.0],OPERATIONACCURACY[0.032]]	COORDINATEOPERATION["RH2000_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["se_2019m"],OPERATIONACCURACY[0.032]]

WKID	Name	WKT1	WKT2
9652	Baltic_1986_Height_To_EVRF2019_Height_1	VERTTRAN["Baltic_1986_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1986_height",VDATUM["Baltic_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pl86_2019z",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["Baltic_1986_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Baltic_1986_height",VDATUM["Baltic_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pl86_2019z"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9653	Baltic_1986_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Baltic_1986_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1986_height",VDATUM["Baltic_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pl86_2019m",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["Baltic_1986_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Baltic_1986_height",VDATUM["Baltic_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pl86_2019m"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9654	EVRF2007-PL_Height_To_EVRF2019_Height_1	VERTTRAN["EVRF2007-PL_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pl07_2019z",0.0],OPERATIONACCURACY[0.006]]	COORDINATEOPERATION["EVRF2007-PL_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pl07_2019z"],OPERATIONACCURACY[0.006]]

WKID	Name	WKT1	WKT2
9655	EVRF2007-PL_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["EVRF2007-PL_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_pl07_2019m",0.0],OPERATIONACCURACY[0.012]]	COORDINATEOPERATION["EVRF2007-PL_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["pl07_2019m"],OPERATIONACCURACY[0.012]]

WKID	Name	WKT1	WKT2
9662	Baltic_1986_Height_To_EVRF2007-PL_Height_1	VERTTRAN["Baltic_1986_Height_To_EVRF2007-PL_Height_1",GEOGCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1986_height",VDATUM["Baltic_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_gugik-evrf2007",0.0],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["Baltic_1986_Height_To_EVRF2007-PL_Height_1",SOURCECRS[VERTCRS["Baltic_1986_height",VDATUM["Baltic_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["gugik-evrf2007"],OPERATIONACCURACY[0.04]]

WKID	Name	WKT1	WKT2
9664	EH2000_Height_To_EVRF2019_Height_1	VERTTRAN["EH2000_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EH2000_height",VDATUM["Estonian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ee_2019z",0.0],OPERATIONACCURACY[0.002]]	COORDINATEOPERATION["EH2000_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["EH2000_height",VDATUM["Estonian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ee_2019z"],OPERATIONACCURACY[0.002]]

WKID	Name	WKT1	WKT2
9665	EH2000_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["EH2000_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EH2000_height",VDATUM["Estonian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ee_2019m",0.0],OPERATIONACCURACY[0.004]]	COORDINATEOPERATION["EH2000_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["EH2000_height",VDATUM["Estonian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ee_2019m"],OPERATIONACCURACY[0.004]]

WKID	Name	WKT1	WKT2
9667	LAS07_Height_To_EVRF2019_Height_1	VERTTRAN["LAS07_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_lt_2019z",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["LAS07_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["lt_2019z"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9668	LAS07_Height_To_EVRF2019_Mean-Tide_Height_2	VERTTRAN["LAS07_Height_To_EVRF2019_Mean-Tide_Height_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_lt_2019m",0.0],OPERATIONACCURACY[0.014]]	COORDINATEOPERATION["LAS07_Height_To_EVRF2019_Mean-Tide_Height_2",SOURCECRS[VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["lt_2019m"],OPERATIONACCURACY[0.014]]

WKID	Name	WKT1	WKT2
9670	BGS2005_Height_To_EVRF2019_Height_1	VERTTRAN["BGS2005_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_bgneu_2019z",0.0],OPERATIONACCURACY[0.036]]	COORDINATEOPERATION["BGS2005_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["bgneu_2019z"],OPERATIONACCURACY[0.036]]

WKID	Name	WKT1	WKT2
9671	BGS2005_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["BGS2005_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_bgneu_2019m",0.0],OPERATIONACCURACY[0.032]]	COORDINATEOPERATION["BGS2005_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["bgneu_2019m"],OPERATIONACCURACY[0.032]]

WKID	Name	WKT1	WKT2
9692	GDA2020_To_AVWS_Height_2	VERTTRAN["GDA2020_To_AVWS_Height_2",GEOGCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AVWS_height",VDATUM["Australian_Vertical_Working_Surface"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AGQG_20201120",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["GDA2020_To_AVWS_Height_2",SOURCECRS[VERTCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["AVWS_height",VDATUM["Australian_Vertical_Working_Surface"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AGQG_20201120"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
9710	EVRF2019_Height_To_EVRF2019_Mean-Tide_Height	VERTTRAN["EVRF2019_Height_To_EVRF2019_Mean-Tide_Height",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Zero_Tide_to_Mean_Tide_EVRF2019"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EVRF2019_Height_To_EVRF2019_Mean-Tide_Height",SOURCECRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Zero_Tide_to_Mean_Tide_EVRF2019"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
9717	ETRF2000-PL_To_Baltic_1986_Height_1	VERTTRAN["ETRF2000-PL_To_Baltic_1986_Height_1",GEOGCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Baltic_1986_height",VDATUM["Baltic_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_gugik-geoid2011-PL-KRON86-NH",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRF2000-PL_To_Baltic_1986_Height_1",SOURCECRS[VERTCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Baltic_1986_height",VDATUM["Baltic_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["gugik-geoid2011-PL-KRON86-NH"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
9719	ETRF2000-PL_To_EVRF2007-PL_Height_1	VERTTRAN["ETRF2000-PL_To_EVRF2007-PL_Height_1",GEOGCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_gugik-geoid2011-PL-EVRF2007-NH",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRF2000-PL_To_EVRF2007-PL_Height_1",SOURCECRS[VERTCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["gugik-geoid2011-PL-EVRF2007-NH"],OPERATIONACCURACY[0.03]]
9726	Genoa_1942_Height_to_Catania_1965_height_1	VERTTRAN["Genoa_1942_Height_to_Catania_1965_height_1",VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Catania_1965_height",VDATUM["Catania_1965"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.141],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Genoa_1942_Height_to_Catania_1965_height_1",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Catania_1965_height",VDATUM["Catania_1965"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.141,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9744	Baltic_1957_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Baltic_1957_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1957_height",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.13],PARAMETER["Longitude_Of_Evaluation",15.25],PARAMETER["Latitude_Of_Evaluation",49.91666666666666],PARAMETER["Inclination_North",0.036],PARAMETER["Inclination_East",0.006],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Baltic_1957_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Baltic_1957_height",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.13,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",49.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.036,ANGLEUNIT["Arcsecond",0.0000048481368110 9536]],PARAMETER["Inclination_East",0.006,ANGLEUNIT["Arcsecond",0.0000048481368110 9536]],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9745	Baltic_1957_Height_To_EVRF2019_Height_1	VERTTRAN["Baltic_1957_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic_1957_height",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.142],PARAMETER["Longitude_Of_Evaluation",15.25],PARAMETER["Latitude_Of_Evaluation",49.91666666666666],PARAMETER["Inclination_North",0.026],PARAMETER["Inclination_East",0.006],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["Baltic_1957_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Baltic_1957_height",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.142,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",15.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",49.91666666666666,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.026,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.006,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9876	RGF93_v2b_To_NGF-IGN69_Height_RAF20_5	VERTTRAN["RGF93_v2b_To_NGF-IGN69_Height_RAF20_5",GEOGCS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAF20",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["RGF93_v2b_To_NGF-IGN69_Height_RAF20_5",SOURCECRS[VERTCRS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAF20"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
9900	Genoa_1942_Height_To_EVRF2019_Height_1	VERTTRAN["Genoa_1942_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_it_2019z",0.0],OPERATIONACCURACY[0.124]]	COORDINATEOPERATION["Genoa_1942_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["it_2019z"],OPERATIONACCURACY[0.124]]
9902	Baltic_1977_Height_To_EVRF2019_Height_1	VERTTRAN["Baltic_1977_Height_To_EVRF2019_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ua_2019z",0.0],OPERATIONACCURACY[0.068]]	COORDINATEOPERATION["Baltic_1977_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ua_2019z"],OPERATIONACCURACY[0.068]]

WKID	Name	WKT1	WKT2
9903	Baltic_1977_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Baltic_1977_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_ua_2019m",0.0],OPERATIONACCURACY[0.064]]	COORDINATEOPERATION["Baltic_1977_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["ua_2019m"],OPERATIONACCURACY[0.064]]

WKID	Name	WKT1	WKT2
9908	ETRS89_Height_To_Oostende_Height_hBG18	VERTTRAN["ETRS89_Height_To_Oostende_Height_hBG18",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_hBG18",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_Height_To_Oostende_Height_hBG18",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["hBG18"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9914	ETRS89_To_British_Isles_Height_OSGM15_GB	VERTTRAN["ETRS89_To_British_Isles_Height_OSGM15_GB",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_British_Isles_Height_OSGM15_GB",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
9916	ETRS89_To_British_Isles_Height_OSGM15_Belfast	VERTTRAN["ETRS89_To_British_Isles_Height_OSGM15_Belfast",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Belfast",0.0],OPERATIONACCURACY[0.014]]	COORDINATEOPERATION["ETRS89_To_British_Isles_Height_OSGM15_Belfast",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Belfast"],OPERATIONACCURACY[0.014]]

WKID	Name	WKT1	WKT2
9918	ETRS89_To_British_Isles_Height_OSGM15_Malin	VERTTRAN["ETRS89_To_British_Isles_Height_OSGM15_Malin",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Malin",0.0],OPERATIONACCURACY[0.023]]	COORDINATEOPERATION["ETRS89_To_British_Isles_Height_OSGM15_Malin",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Malin"],OPERATIONACCURACY[0.023]]

WKID	Name	WKT1	WKT2
9921	Genoa_1942_Height_To_EVRF2019_Mean-Tide_Height_1	VERTTRAN["Genoa_1942_Height_To_EVRF2019_Mean-Tide_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Dataset_it_2019m",0.0],OPERATIONACCURACY[0.108]]	COORDINATEOPERATION["Genoa_1942_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2019_mean-tide",VDATUM["European_Vertical_Reference_Frame_2019_mean_tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETERFILE["it_2019m"],OPERATIONACCURACY[0.108]]

WKID	Name	WKT1	WKT2
9925	ETRS89_To_DHHN2016_Height_1	VERTTRAN["ETRS89_To_DHHN2016_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GCG2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRS89_To_DHHN2016_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GCG2016"],OPERATIONACCURACY[0.1]]
9954	ISN93_To_ISH2004_Height_1	VERTTRAN["ISN93_To_ISH2004_Height_1",GEOGCS["GCS_ISN_1993",DATUM["D_Islands_Network_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ISN_1993",DATUM["D_Islands_Network_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Icegeoid_ISN93",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ISN93_To_ISH2004_Height_1",SOURCECRS[VERTCRS["ISN_1993",DATUM["D_Islands_Network_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ISN_1993",DATUM["D_Islands_Network_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Icegeoid_ISN93"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9956	ISN2004_To_ISH2004_Height_1	VERTTRAN["ISN2004_To_ISH2004_Height_1",GEOGCS["GCS_ISN_2004",DATUM["D_Islands_Network_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ISN_2004",DATUM["D_Islands_Network_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Icegeoid_ISN2004",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ISN2004_To_ISH2004_Height_1",SOURCECRS[VERTCRS["ISN_2004",DATUM["D_Islands_Network_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ISN_2004",DATUM["D_Islands_Network_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Icegeoid_ISN2004"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9958	ISN2016_To_ISH2004_Height_1	VERTTRAN["ISN2016_To_ISH2004_Height_1",GEOGCS["ISN2016",DATUM["Islands_Net_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ISN2016",DATUM["Islands_Net_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Icegeoid_ISN2016",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ISN2016_To_ISH2004_Height_1",SOURCECRS[VERTCRS["ISN2016",DATUM["Islands_Net_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ISN2016",DATUM["Islands_Net_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Icegeoid_ISN2016"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9983	NAD83(CSRS)v3_to_CGVD28_Height_1	VERTTRAN["NAD83(CSRS)v3_to_CGVD28_Height_1",GEOGCS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_1997",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v3_to_CGVD28_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_1997"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9984	NAD83(CSRS)v2_to_CGVD28_Height_1	VERTTRAN["NAD83(CSRS)v2_to_CGVD28_Height_1",GEOGCS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_1997",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v2_to_CGVD28_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_1997"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9985	NAD83(CSRS)v4_to_CGVD28_Height_1	VERTTRAN["NAD83(CSRS)v4_to_CGVD28_Height_1",GEOGCS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2002v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v4_to_CGVD28_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2002v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9986	NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2	VERTTRAN["NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2",GEOGCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2",SOURCECRS[VERTCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
9987	NAD83(CSRS)v7_to_CGVD28_Height_1	VERTTRAN["NAD83(CSRS)v7_to_CGVD28_Height_1",GEOGCS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v7_to_CGVD28_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10084	WGS_1984_To_EGM_1996_Geoid_1	VERTTRAN["WGS_1984_To_EGM_1996_Geoid_1",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm96.grd",0.0],OPERATIONACCURACY[1.5]]	COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm96.grd"],OPERATIONACCURACY[1.5]]

WKID	Name	WKT1	WKT2
10109	NAD83(CSRS)v7_to_CGVD2013a(2010)_Height_1	VERTTRAN["NAD83(CSRS)v7_to_CGVD2013a(2010)_Height_1",GEOGCS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)v7_to_CGVD2013a(2010)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
10110	NAD83(CSRS)v4_to_CGVD2013a(2002)_Height_1	VERTTRAN["NAD83(CSRS)v4_to_CGVD2013a(2002)_Height_1",GEOGCS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013a(2002)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v4_to_CGVD2013a(2002)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013a(2002)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10111	NAD83(CSRS)v3_to_CGVD2013a(1997)_Height_1	VERTTRAN["NAD83(CSRS)v3_to_CGVD2013a(1997)_Height_1",GEOGCS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v3_to_CGVD2013a(1997)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10112	NAD83(CSRS)v2_to_CGVD2013a(1997)_Height_1	VERTTRAN["NAD83(CSRS)v2_to_CGVD2013a(1997)_Height_1",GEOGCS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v2_to_CGVD2013a(1997)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10247	Slovenia_1996_To_SVS2010_Height_1	VERTTRAN["Slovenia_1996_To_SVS2010_Height_1",GEOGCS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_SLO_VRP2016-Koper",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Slovenia_1996_To_SVS2010_Height_1",SOURCECRS[VERTCRS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["SLO_VRP2016-Koper"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
10294	ETRS89_DREF91_2016_To_DHHN2016_Height_1	VERTTRAN["ETRS89_DREF91_2016_To_DHHN2016_Height_1",GEOGCS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GCG2016",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_DREF91_2016_To_DHHN2016_Height_1",SOURCECRS[VERTCRS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GCG2016"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
10347	ETRF2000-PL_To_EVRF2007-PL_Height_2	VERTTRAN["ETRF2000-PL_To_EVRF2007-PL_Height_2",GEOGCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_Model_quasi-geoidy-PL-geoid2021-PL-EVRF2007-NH",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRF2000-PL_To_EVRF2007-PL_Height_2",SOURCECRS[VERTCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007_PL_height",VDATUM["European_Vertical_Reference_Frame_2007_Poland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["Model_quasi-geoidy-PL-geoid2021-PL-EVRF2007-NH"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
10358	ETRS89_to_Formentera_Height_1	VERTTRAN["ETRS89_to_Formentera_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Formentera_height",VDATUM["Formentera"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_to_Formentera_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Formentera_height",VDATUM["Formentera"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]
10360	ETRS89_to_Alboran_Height_1	VERTTRAN["ETRS89_to_Alboran_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Alboran_height",VDATUM["Alboran"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_to_Alboran_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Alboran_height",VDATUM["Alboran"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10362	ETRS89_to_Melilla_Height_1	VERTTRAN["ETRS89_to_Melilla_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Melilla_height",VDATUM["Melilla"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGM08_REDNAP",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["ETRS89_to_Melilla_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Melilla_height",VDATUM["Melilla"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGM08_REDNAP"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10417	NAD83(CSRS)v8_to_CGVD2013a(2010)_Height_1	VERTTRAN["NAD83(CSRS)v8_to_CGVD2013a(2010)_Height_1",GEOGCS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)v8_to_CGVD2013a(2010)_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
10418	NAD83(CSRS)v8_to_CGVD28_Height_1	VERTTRAN["NAD83(CSRS)v8_to_CGVD28_Height_1",GEOGCS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v8_to_CGVD28_Height_1",SOURCECRS[VERTCRS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
10491	ETRS89_To_DVR90(2013)_Height_1	VERTTRAN["ETRS89_To_DVR90(2013)_Height_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["DVR90(2013)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2013)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_dvr90_2013",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_To_DVR90(2013)_Height_1",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["DVR90(2013)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2013)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["dvr90_2013"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
10506	RGF93_v2b_To_NGF-IGN78_Height_RAC23_3	VERTTRAN["RGF93_v2b_To_NGF-IGN78_Height_RAC23_3",GEOGCS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAC23",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["RGF93_v2b_To_NGF-IGN78_Height_RAC23_3",SOURCECRS[VERTCRS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAC23"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
10544	ETRS89_Height_To_Cascais_Height_GeodPT08	VERTTRAN["ETRS89_Height_To_Cascais_Height_GeodPT08",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodPT08",0.0],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["ETRS89_Height_To_Cascais_Height_GeodPT08",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodPT08"],OPERATIONACCURACY[0.04]]
10567	ETRS89_To_Baltic_1957_Height_2_CR2005	VERTTRAN["ETRS89_To_Baltic_1957_Height_2_CR2005",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Baltic_1957_height",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_CR2005",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_To_Baltic_1957_Height_2_CR2005",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Baltic_1957_height",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CR2005"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
15781	WGS_1984_To_EGM_1984_Geoid_1	VERTTRAN["WGS_1984_To_EGM_1984_Geoid_1",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM84_Geoid",VDATUM["EGM84_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM84"],PARAMETER["Dataset_egm84.grd",0.0],OPERATIONACCURACY[1.0]]	COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EGM84_Geoid",VDATUM["EGM84_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM84"],PARAMETERFILE["egm84.grd"],OPERATIONACCURACY[1.0]]

WKID	Name	WKT1	WKT2
110000	NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110001	NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110002	NAD_1983_PA11_To_NAVD88_Hawaii_GEOID12B_Height	VERTTRAN["NAD_1983_PA11_To_NAVD88_Hawaii_GEOID12B_Height",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bh0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_PA11_To_NAVD88_Hawaii_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bh0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110003	NAD_1983_2011_To_PRVD02_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_PRVD02_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_PRVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110004	NAD_1983_PA11_To_ASVD02_GEOID12B_Height	VERTTRAN["NAD_1983_PA11_To_ASVD02_GEOID12B_Height",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bs0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_PA11_To_ASVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bs0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110005	NAD_1983_MA11_To_GUVD04_GEOID12B_Height	VERTTRAN["NAD_1983_MA11_To_GUVD04_GEOID12B_Height",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bg0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_MA11_To_GUVD04_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bg0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110006	NAD_1983_To_VIVD09_GEOID12B_Height	VERTTRAN["NAD_1983_To_VIVD09_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_To_VIVD09_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110007	WGS_1984_To_EGM_1996_Geoid_1	VERTTRAN["WGS_1984_To_EGM_1996_Geoid_1",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm96.grd",0.0],OPERATIONACCURACY[1.5]]	COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm96.grd"],OPERATIONACCURACY[1.5]]

WKID	Name	WKT1	WKT2
110008	WGS_1984_To_EGM_1984_Geoid_1	VERTTRAN["WGS_1984_To_EGM_1984_Geoid_1",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM84_Geoid",VDATUM["EGM84_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM84"],PARAMETER["Dataset_egm84.grd",0.0],OPERATIONACCURACY[1.0]]	COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EGM84_Geoid",VDATUM["EGM84_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM84"],PARAMETERFILE["egm84.grd"],OPERATIONACCURACY[1.0]]

WKID	Name	WKT1	WKT2
110009	NGVD29_To_NAVD88_NAD27_ECW	VERTTRAN["NGVD29_To_NAVD88_NAD27_ECW",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.017453292519943 3]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110010	NGVD29_To_NAVD88_NAD83_East	VERTTRAN["NGVD29_To_NAVD88_NAD83_East",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertcone.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_East",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.017453292519943 3]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertcone.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110011	NGVD29_To_NAVD88_NAD83_ECW	VERTTRAN["NGVD29_To_NAVD88_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.017453292519943]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110012	NGVD29_To_NAVD88_NAD83_Central	VERTTRAN["NGVD29_To_NAVD88_NAD83_Central",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconc.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_Central",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconc.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110013	NGVD29_To_NAVD88_NAD83_West	VERTTRAN["NGVD29_To_NAVD88_NAD83_West",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_West",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110014	NGVD29_To_NAVD88_HARN_East	VERTTRAN["NGVD29_To_NAVD88_HARN_East",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertcone.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_HARN_East",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertcone.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110015	NGVD29_To_NAVD88_HARN_ECW	VERTTRAN["NGVD29_To_NAVD88_HARN_ECW",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_HARN_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110016	NGVD29_To_NAVD88_HARN_Central	VERTTRAN["NGVD29_To_NAVD88_HARN_Central",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconc.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_HARN_Central",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconc.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110017	NGVD29_To_NAVD88_HARN_West	VERTTRAN["NGVD29_To_NAVD88_HARN_West",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_HARN_West",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110018	WGS_1984_To_WGS_1984_EGM2008_1x1_Height	VERTTRAN["WGS_1984_To_WGS_1984_EGM2008_1x1_Height",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm2008-1.grd",1.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["WGS_1984_To_WGS_1984_EGM2008_1x1_Height",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm2008-1.grd"],OPERATIONACCURACY[0.2]]

WKID	Name	WKT1	WKT2
110019	WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height	VERTTRAN["WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm2008-25.grd",0.0],OPERATIONACCURACY[0.25]]	COORDINATEOPERATION["WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm2008-25.grd"],OPERATIONACCURACY[0.25]]

WKID	Name	WKT1	WKT2
110020	GDA2020_Height_To_AHD_Height_AUSGeoid2020_1	VERTTRAN["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",GEOGCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AHD",VDATUM["Australian_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AUSGeoid2020_windows_binary",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",SOURCECRS[VERTCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AHD",VDATUM["Australian_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AUSGeoid2020_windows_binary"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110021	ETRS89_Height_To_Oostende_Height_hBG18	VERTTRAN["ETRS89_Height_To_Oostende_Height_hBG18",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_hBG18",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_Height_To_Oostende_Height_hBG18",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["hBG18"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110022	D96_to_SVS2010_ht_SLO_VRP2016_Koper	VERTTRAN["D96_to_SVS2010_ht_SLO_VRP2016_Koper",GEOGCS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",41.0],PARAMETER["Dataset_SLO_VRP2016-Koper",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["D96_to_SVS2010_ht_SLO_VRP2016_Koper",SOURCECRS[VERTCRS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",41.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["SLO_VRP2016-Koper"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110023	D96_to_SVS2000_ht_SLO_AMG2000E_Trst	VERTTRAN["D96_to_SVS2000_ht_SLO_AMG2000E_Trst",GEOGCS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",41.0],PARAMETER["Dataset_SLO_AMG2000E-Trst",0.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["D96_to_SVS2000_ht_SLO_AMG2000E_Trst",SOURCECRS[VERTCRS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",41.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["SLO_AMG2000E-Trst"],OPERATIONACCURACY[0.2]]
110024	NAVD88_Height_To_Depth	VERTTRAN["NAVD88_Height_To_Depth",VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Height_To_Depth",SOURCECRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],METHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110025	NAVD88_USFT_Height_To_Depth	VERTTRAN["NAVD88_USFT_Height_To_Depth",VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_USFT_Height_To_Depth",SOURCECRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]
110026	NAVD88_Height_(m)_To_USFT	VERTTRAN["NAVD88_Height_(m)_To_USFT",VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Height_(m)_To_USFT",SOURCECRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]
110027	NAVD88_Height_(m)_To_IFT	VERTTRAN["NAVD88_Height_(m)_To_IFT",VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Height_(m)_To_IFT",SOURCECRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110028	NAVD88_Height_USFT_To_IFT	VERTTRAN["NAVD88_Height_USFT_To_IFT",VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Height_USFT_To_IFT",SOURCECRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]
110029	NAVD88_Depth_(m)_To_USFT	VERTTRAN["NAVD88_Depth_(m)_To_USFT",VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Depth_(m)_To_USFT",SOURCECRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]
110030	NAVD88_Height_(m)_To_Depth_USFT	VERTTRAN["NAVD88_Height_(m)_To_Depth_USFT",VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NAVD88_Height_(m)_To_Depth_USFT",SOURCECRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110031	NAD_1983_To_NAVD88_CONUS_GEOID12B_Height	VERTTRAN["NAD_1983_To_NAVD88_CONUS_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_To_NAVD88_CONUS_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110032	NAD_1983_To_NAVD88_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_To_NAVD88_Alaska_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_To_NAVD88_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110033	NAD_1983_To_NAVD88_Hawaii_GEOID12B_Height	VERTTRAN["NAD_1983_To_NAVD88_Hawaii_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bh0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_To_NAVD88_Hawaii_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bh0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110034	NAD_1983_To_PRVD02_GEOID12B_Height	VERTTRAN["NAD_1983_To_PRVD02_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_To_PRVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110035	NAD_1983_2011_To_VIVD09_GEOID12B_Height	VERTTRAN["NAD_1983_2011_To_VIVD09_GEOID12B_Height",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bp0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_To_VIVD09_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bp0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110036	NAD_1983_MA11_To_NMVD03_GEOID12B_Height	VERTTRAN["NAD_1983_MA11_To_NMVD03_GEOID12B_Height",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bg0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_MA11_To_NMVD03_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bg0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110037	NGVD29_To_NAVD88_USFT_NAD27_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_NAD27_ECW",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_NAD27_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110038	NGVD29_To_NAVD88_Depth_USFT_NAD27_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_NAD27_ECW",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_NAD27_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110039	NGVD29_To_NAVD88_Depth_NAD83_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110040	NGVD29_To_NAVD88_USFT_NAD83_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110041	NGVD29_To_NAVD88_Depth_USFT_NAD83_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110042	NGVD29_To_NAVD88_Depth_HARN_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_HARN_ECW",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_HARN_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110043	NGVD29_To_NAVD88_USFT_HARN_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_HARN_ECW",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.30480060960121 92]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_HARN_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110044	NGVD29_To_NAVD88_Depth_USFT_HARN_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_HARN_ECW",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_HARN_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110045	NGVD29_To_NAVD88_CORS96_ECW	VERTTRAN["NGVD29_To_NAVD88_CORS96_ECW",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_CORS96_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110046	NGVD29_To_NAVD88_Depth_CORS96_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_CORS96_ECW",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_CORS96_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110047	NGVD29_To_NAVD88_USFT_CORS96_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_CORS96_ECW",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_CORS96_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110048	NGVD29_To_NAVD88_Depth_USFT_CORS96_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_CORS96_ECW",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_CORS96_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110049	NGVD29_To_NAVD88_NSRS2007_ECW	VERTTRAN["NGVD29_To_NAVD88_NSRS2007_ECW",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NSRS2007_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110050	NGVD29_To_NAVD88_Depth_NSRS2007_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_NSRS2007_ECW",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_NSRS2007_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110051	NGVD29_To_NAVD88_USFT_NSRS2007_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_NSRS2007_ECW",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_NSRS2007_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110052	NGVD29_To_NAVD88_Depth_USFT_NSRS2007_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_NSRS2007_ECW",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_NSRS2007_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110053	NGVD29_To_NAVD88_NAD83_2011_ECW	VERTTRAN["NGVD29_To_NAVD88_NAD83_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110054	NGVD29_To_NAVD88_Depth_NAD83_2011_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_NAD83_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_NAD83_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110055	NGVD29_To_NAVD88_USFT_NAD83_2011_ECW	VERTTRAN["NGVD29_To_NAVD88_USFT_NAD83_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_USFT_NAD83_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110056	NGVD29_To_NAVD88_Depth_USFT_NAD83_2011_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_USFT_NAD83_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_USFT_NAD83_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110057	NGVD29_To_NAVD88_Depth_NAD27_ECW	VERTTRAN["NGVD29_To_NAVD88_Depth_NAD27_ECW",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_To_NAVD88_Depth_NAD27_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110058	Baltic_height_To_LAS07_height	VERTTRAN["Baltic_height_To_LAS07_height",GEOGCS["GCS_LKS_1994",DATUM["D_Lithuania_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.1425],PARAMETER["Longitude_Of_Evaluation",24.01666666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.06076],PARAMETER["Inclination_East",0.03375]]	COORDINATEOPERATION["Baltic_height_To_LAS07_height",SOURCECRS[VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_LKS_1994",DATUM["D_Lithuania_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.1425,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",24.01666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.06076,ANGLEUNIT["Arcsecond",0.000004848136811095 36]],PARAMETER["Inclination_East",0.03375,ANGLEUNIT["Arcsecond",0.000004848136811095 36]]]

WKID	Name	WKT1	WKT2
110059	JGD_2000_To_JGD_2000_Vertical_Height_1	VERTTRAN["JGD_2000_To_JGD_2000_Vertical_Height_1",GEOGCS["GCS_JGD_2000",DATUM["D_JGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["JGD_2000",DATUM["D_JGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_JGEOID2008",0.0],OPERATIONACCURACY[10.0]]	COORDINATEOPERATION["JGD_2000_To_JGD_2000_Vertical_Height_1",SOURCECRS[VERTCRS["JGD_2000",DATUM["D_JGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_JGD_2000",DATUM["D_JGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["JGEOID2008"],OPERATIONACCURACY[10.0]]

WKID	Name	WKT1	WKT2
110060	JGD_2011_To_JGD_2011_Vertical_Height_1	VERTTRAN["JGD_2011_To_JGD_2011_Vertical_Height_1",GEOGCS["GCS_JGD_2011",DATUM["D_JGD_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["JGD_2011",DATUM["D_JGD_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GSIGEOID2011",0.0],OPERATIONACCURACY[2.0]]	COORDINATEOPERATION["JGD_2011_To_JGD_2011_Vertical_Height_1",SOURCECRS[VERTCRS["JGD_2011",DATUM["D_JGD_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_JGD_2011",DATUM["D_JGD_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GSIGEOID2011"],OPERATIONACCURACY[2.0]]

WKID	Name	WKT1	WKT2
110061	RGF_1993_Height_To_NGF-IGN69_Height_RAF18_3	VERTTRAN["RGF_1993_Height_To_NGF-IGN69_Height_RAF18_3",GEOGCS["GCS_RGF_1993",DATUM["D_RGF_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["RGF_1993",DATUM["D_RGF_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RAF18",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["RGF_1993_Height_To_NGF-IGN69_Height_RAF18_3",SOURCECRS[VERTCRS["RGF_1993",DATUM["D_RGF_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_RGF_1993",DATUM["D_RGF_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RAF18"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
110062	NZGD2000_To_NZGD2016_Height_1	VERTTRAN["NZGD2000_To_NZGD2016_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_New_Zealand_Quasigeoid_2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["NZGD2000_To_NZGD2016_Height_1",SOURCECRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["New_Zealand_Quasigeoid_2016"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110063	Auckland_1946_Height_To_NZGD2000_Height_1	VERTTRAN["Auckland_1946_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Auckland",VDATUM["Auckland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_auckland_1946_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Auckland_1946_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Auckland",VDATUM["Auckland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["auckland_1946_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110064	Bluff_1955_Height_To_NZGD2000_Height_1	VERTTRAN["Bluff_1955_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Bluff",VDATUM["Bluff"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_bluff_1955_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Bluff_1955_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Bluff",VDATUM["Bluff"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["bluff_1955_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110065	Dunedin_1958_Height_To_NZGD2000_Height_1	VERTTRAN["Dunedin_1958_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Dunedin",VDATUM["Dunedin"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_dunedin_1958_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Dunedin_1958_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Dunedin",VDATUM["Dunedin"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["dunedin_1958_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110066	Dunedin-Bluff_1960_Height_To_NZGD2000_Height_1	VERTTRAN["Dunedin-Bluff_1960_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Dunedin-Bluff_1960_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Dunedin-Bluff_1960_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Dunedin-Bluff_1960_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110067	Gisborne_1926_Height_To_NZGD2000_Height_1	VERTTRAN["Gisborne_1926_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Gisborne",VDATUM["Gisborne"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gisborne_1926_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Gisborne_1926_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Gisborne",VDATUM["Gisborne"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gisborne_1926_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110068	Lyttelton_1937_Height_To_NZGD2000_Height_1	VERTTRAN["Lyttelton_1937_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Lyttelton",VDATUM["Lyttelton"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_lyttelton_1937_to_nzgd2000",0.0],OPERATIONACCURACY[0.11]]	COORDINATEOPERATION["Lyttelton_1937_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Lyttelton",VDATUM["Lyttelton"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["lyttelton_1937_to_nzgd2000"],OPERATIONACCURACY[0.11]]

WKID	Name	WKT1	WKT2
110069	Moturiki_1953_Height_To_NZGD2000_Height_1	VERTTRAN["Moturiki_1953_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Moturiki",VDATUM["Moturiki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_moturiki_1953_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Moturiki_1953_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Moturiki",VDATUM["Moturiki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["moturiki_1953_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110070	Napier_1962_Height_To_NZGD2000_Height_1	VERTTRAN["Napier_1962_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Napier",VDATUM["Napier"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_napier_1962_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Napier_1962_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Napier",VDATUM["Napier"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["napier_1962_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110071	Nelson_1955_Height_To_NZGD2000_Height_1	VERTTRAN["Nelson_1955_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Nelson",VDATUM["Nelson"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_nelson_1955_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Nelson_1955_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Nelson",VDATUM["Nelson"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["nelson_1955_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110072	One_Tree_Point_1964_Height_To_NZGD2000_Height_1	VERTTRAN["One_Tree_Point_1964_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["One_Tree_Point",VDATUM["One_Tree_Point"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_one_tree_point_1964_to_nzgd2000",0.0],OPERATIONACCURACY[0.11]]	COORDINATEOPERATION["One_Tree_Point_1964_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["One_Tree_Point",VDATUM["One_Tree_Point"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["one_tree_point_1964_to_nzgd2000"],OPERATIONACCURACY[0.11]]

WKID	Name	WKT1	WKT2
110073	Stewart_Island_1977_Height_To_NZGD2000_Height_1	VERTTRAN["Stewart_Island_1977_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Stewart_Island",VDATUM["Stewart_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_stewart_island_1977_to_nzgd2000",0.0],OPERATIONACCURACY[0.28]]	COORDINATEOPERATION["Stewart_Island_1977_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Stewart_Island",VDATUM["Stewart_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["stewart_island_1977_to_nzgd2000"],OPERATIONACCURACY[0.28]]

WKID	Name	WKT1	WKT2
110074	Taranaki_1970_Height_To_NZGD2000_Height_1	VERTTRAN["Taranaki_1970_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Taranaki",VDATUM["Taranaki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_taranaki_1970_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Taranaki_1970_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Taranaki",VDATUM["Taranaki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["taranaki_1970_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110075	Wellington_1953_Height_To_NZGD2000_Height_1	VERTTRAN["Wellington_1953_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Wellington",VDATUM["Wellington"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_wellington_1953_to_nzgd2000",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["Wellington_1953_Height_To_NZGD2000_Height_1",SOURCECRS[VERTCRS["Wellington",VDATUM["Wellington"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["wellington_1953_to_nzgd2000"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110076	CHTRF95_To_LHN95_Height	VERTTRAN["CHTRF95_To_LHN95_Height",GEOGCS["GCS_Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_ETRS",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["CHTRF95_To_LHN95_Height",SOURCECRS[VERTCRS["Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_ETRS"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110077	NGVD29_ht_(m)_To_NAVD88_ht_NAD83_ECW	VERTTRAN["NGVD29_ht_(m)_To_NAVD88_ht_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_ht_(m)_To_NAVD88_ht_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110078	NGVD29_ht_(m)_To_NAVD88_ht_2011_ECW	VERTTRAN["NGVD29_ht_(m)_To_NAVD88_ht_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_ht_(m)_To_NAVD88_ht_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110079	NGVD29_ht_(m)_To_NAVD88_ht_USFT_2011_ECW	VERTTRAN["NGVD29_ht_(m)_To_NAVD88_ht_USFT_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_ht_(m)_To_NAVD88_ht_USFT_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110080	NGVD29_ht_To_NAVD88_ht_IntlFt_NAD83_ECW	VERTTRAN["NGVD29_ht_To_NAVD88_ht_IntlFt_NAD83_ECW",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_ht_To_NAVD88_ht_IntlFt_NAD83_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110081	NGVD29_ht_To_NAVD88_ht_IntlFt_2011_ECW	VERTTRAN["NGVD29_ht_To_NAVD88_ht_IntlFt_2011_ECW",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NGVD29_ht_To_NAVD88_ht_IntlFt_2011_ECW",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON"],PARAMETERFILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110082	ETRS89_To_EVRF2007_Height_EGG2015	VERTTRAN["ETRS89_To_EVRF2007_Height_EGG2015",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EGG2015-qg_g10m15m",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRS89_To_EVRF2007_Height_EGG2015",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EGG2015-qg_g10m15m"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110083	Newlyn_To_EVRS_2000_1	VERTTRAN["Newlyn_To_EVRS_2000_1",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.07],PARAMETER["Longitude_Of_Evaluation",-2.25],PARAMETER["Latitude_Of_Evaluation",54.5833333333334],PARAMETER["Inclination_North",0.044],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Newlyn_To_EVRS_2000_1",SOURCECRS[VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_and_Slope"],PARAMETER["Vertical_Offset",0.07,LENGTHUNIT["Meter",1.0]],PARAMETER["Longitude_Of_Evaluation",-2.25,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",54.5833333333334,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.044,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110084	WGS_1984_To_EGM_1996_Geoid_2	VERTTRAN["WGS_1984_To_EGM_1996_Geoid_2",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96_Natural_Spline"],PARAMETER["Dataset_egm96.grd",0.0],OPERATIONACCURACY[5.0]]	COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_2",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96_Natural_Spline"],PARAMETERFILE["egm96.grd"],OPERATIONACCURACY[5.0]]

WKID	Name	WKT1	WKT2
110085	WGS_1984_To_EGM_1984_Geoid_2	VERTTRAN["WGS_1984_To_EGM_1984_Geoid_2",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM84_Geoid",VDATUM["EGM84_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM84_Natural_Spline"],PARAMETER["Dataset_egm84.grd",0.0],OPERATIONACCURACY[1.0]]	COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_2",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM84_Geoid",VDATUM["EGM84_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM84_Natural_Spline"],PARAMETERFILE["egm84.grd"],OPERATIONACCURACY[1.0]]
110086	NZVD2009_To_One_Tree_Point_1	VERTTRAN["NZVD2009_To_One_Tree_Point_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["One_Tree_Point",VDATUM["One_Tree_Point"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.06],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NZVD2009_To_One_Tree_Point_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["One_Tree_Point",VDATUM["One_Tree_Point"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.06,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110087	NZVD2009_To_Auckland_1	VERTTRAN["NZVD2009_To_Auckland_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Auckland",VDATUM["Auckland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Auckland_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Auckland",VDATUM["Auckland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]
110088	NZVD2009_To_Moturiki_1	VERTTRAN["NZVD2009_To_Moturiki_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Moturiki",VDATUM["Moturiki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.24],OPERATIONACCURACY[0.06]]	COORDINATEOPERATION["NZVD2009_To_Moturiki_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Moturiki",VDATUM["Moturiki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.24,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.06]]
110089	NZVD2009_To_Nelson_1	VERTTRAN["NZVD2009_To_Nelson_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Nelson",VDATUM["Nelson"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.29],OPERATIONACCURACY[0.07]]	COORDINATEOPERATION["NZVD2009_To_Nelson_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Nelson",VDATUM["Nelson"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.29,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.07]]

WKID	Name	WKT1	WKT2
110090	NZVD2009_To_Gisborne_1	VERTTRAN["NZVD2009_To_Gisborne_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Gisborne",VDATUM["Gisborne"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NZVD2009_To_Gisborne_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Gisborne",VDATUM["Gisborne"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.34,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.02]]
110091	NZVD2009_To_Napier_1	VERTTRAN["NZVD2009_To_Napier_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Napier",VDATUM["Napier"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.2],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Napier_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Napier",VDATUM["Napier"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.2,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]
110092	NZVD2009_To_Taranaki_1	VERTTRAN["NZVD2009_To_Taranaki_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Taranaki",VDATUM["Taranaki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.32],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Taranaki_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["Taranaki",VDATUM["Taranaki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.32,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110093	NZVD2009_To_Wellington_1	VERTTRAN["NZVD2009_To_Wellington_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Wellington",VDATUM["Wellington"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.44],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["NZVD2009_To_Wellington_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Wellington",VDATUM["Wellington"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.44,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.04]]
110094	NZVD2009_To_Lyttelton_1	VERTTRAN["NZVD2009_To_Lyttelton_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Lyttelton",VDATUM["Lyttelton"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.47],OPERATIONACCURACY[0.09]]	COORDINATEOPERATION["NZVD2009_To_Lyttelton_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Lyttelton",VDATUM["Lyttelton"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.47,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.09]]
110095	NZVD2009_To_Dunedin_1	VERTTRAN["NZVD2009_To_Dunedin_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin",VDATUM["Dunedin"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.49],OPERATIONACCURACY[0.07]]	COORDINATEOPERATION["NZVD2009_To_Dunedin_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dunedin",VDATUM["Dunedin"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.49,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.07]]

WKID	Name	WKT1	WKT2
110096	NZVD2009_To_Bluff_1	VERTTRAN["NZVD2009_To_Bluff_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Bluff",VDATUM["Bluff"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.36],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NZVD2009_To_Bluff_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Bluff",VDATUM["Bluff"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.36,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.05]]
110097	NZVD2009_To_Stewart_Island_1	VERTTRAN["NZVD2009_To_Stewart_Island_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Stewart_Island",VDATUM["Stewart_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.39],OPERATIONACCURACY[0.15]]	COORDINATEOPERATION["NZVD2009_To_Stewart_Island_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Stewart_Island",VDATUM["Stewart_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.39,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.15]]
110098	NZVD2009_To_Dunedin_Bluff_1960_1	VERTTRAN["NZVD2009_To_Dunedin_Bluff_1960_1",VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.38],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["NZVD2009_To_Dunedin_Bluff_1960_1",SOURCECRS[VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Vertical_Offset"],PARAMETER["Vertical_Offset",0.38,LENGTHUNIT["Meter",1.0]],OPERATIONACCURACY[0.04]]

WKID	Name	WKT1	WKT2
110099	WGS_1984_To_MSL_Height_EGM2008_1x1	VERTTRAN["WGS_1984_To_MSL_Height_EGM2008_1x1",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Height",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm2008-1.grd",1.0],OPERATIONACCURACY[0.5]]	COORDINATEOPERATION["WGS_1984_To_MSL_Height_EGM2008_1x1",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Height",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm2008-1.grd"],OPERATIONACCURACY[0.5]]

WKID	Name	WKT1	WKT2
110100	NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110101	NAD_1983_2011_Height_To_NAVD88_Depth_Alaska_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_Alaska_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110102	NAD_1983_PA11_Height_To_NAVD88_Depth_Hawaii_GEOID12B	VERTTRAN["NAD_1983_PA11_Height_To_NAVD88_Depth_Hawaii_GEOID12B",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bh0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_PA11_Height_To_NAVD88_Depth_Hawaii_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bh0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110103	NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110104	NAD_1983_2011_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110105	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110106	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110107	NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110108	NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID18	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID18",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018u0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
110109	NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID18	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID18",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018u0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
110110	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID18	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID18",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018u0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
110111	NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID18	VERTTRAN["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID18",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2018u0",0.0],OPERATIONACCURACY[0.0139]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.0139]]

WKID	Name	WKT1	WKT2
110112	NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013a)_Height	VERTTRAN["NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013a)_Height",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013an83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013a)_Height",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013an83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110113	NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013)_Height	VERTTRAN["NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013)_Height",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CGG2013n83",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013)_Height",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CGG2013n83"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110114	NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2	VERTTRAN["NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2",GEOGCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2",SOURCECRS[VERTCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110115	NAD83(CSRS)_epoch2010_Height_To_CGVD28_Height_HT2	VERTTRAN["NAD83(CSRS)_epoch2010_Height_To_CGVD28_Height_HT2",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)_epoch2010_Height_To_CGVD28_Height_HT2",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110116	NAD83(CSRS)_epoch2002_Height_To_CGVD28_Height_HT2	VERTTRAN["NAD83(CSRS)_epoch2002_Height_To_CGVD28_Height_HT2",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2002v70",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)_epoch2002_Height_To_CGVD28_Height_HT2",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2002v70"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110117	NAD83(CSRS)_epoch1997_Height_To_CGVD28_Height_HT2	VERTTRAN["NAD83(CSRS)_epoch1997_Height_To_CGVD28_Height_HT2",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_1997",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["NAD83(CSRS)_epoch1997_Height_To_CGVD28_Height_HT2",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_1997"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110118	CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)v6	VERTTRAN["CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)v6",GEOGCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70_CGG2013a",0.0],OPERATIONACCURACY[0.06]]	COORDINATEOPERATION["CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)v6",SOURCECRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70_CGG2013a"],OPERATIONACCURACY[0.06]]

WKID	Name	WKT1	WKT2
110119	CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)	VERTTRAN["CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2010v70_CGG2013a",0.0],OPERATIONACCURACY[0.06]]	COORDINATEOPERATION["CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)",SOURCECRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70_CGG2013a"],OPERATIONACCURACY[0.06]]

WKID	Name	WKT1	WKT2
110120	CGVD2013(CGG2013a)_epoch2002_Height_To_CGVD28_Height_NAD83(CSRS)	VERTTRAN["CGVD2013(CGG2013a)_epoch2002_Height_To_CGVD28_Height_NAD83(CSRS)",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_2002v70_CGG2013a",0.0],OPERATIONACCURACY[0.061]]	COORDINATEOPERATION["CGVD2013(CGG2013a)_epoch2002_Height_To_CGVD28_Height_NAD83(CSRS)",SOURCECRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2002v70_CGG2013a"],OPERATIONACCURACY[0.061]]

WKID	Name	WKT1	WKT2
110121	CGVD2013(CGG2013a)_epoch1997_Height_To_CGVD28_Height_NAD83(CSRS)	VERTTRAN["CGVD2013(CGG2013a)_epoch1997_Height_To_CGVD28_Height_NAD83(CSRS)",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_HT2_1997_CGG2013a",0.0],OPERATIONACCURACY[0.062]]	COORDINATEOPERATION["CGVD2013(CGG2013a)_epoch1997_Height_To_CGVD28_Height_NAD83(CSRS)",SOURCECRS[VERTCRS["CGVD2013_CGG2013a_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_CGG2013a"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["Vertical_Offset_with_Grid"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_1997_CGG2013a"],OPERATIONACCURACY[0.062]]

WKID	Name	WKT1	WKT2
110126	ETRS89_To_LHN95_Height_CHGeo2004	VERTTRAN["ETRS89_To_LHN95_Height_CHGeo2004",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_ETRS",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_ETRS"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110127	ETRF93_To_LHN95_Height_CHGeo2004	VERTTRAN["ETRF93_To_LHN95_Height_CHGeo2004",GEOGCS["ETRF93",DATUM["European_Terrestrial_Reference_Frame_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRF93",DATUM["European_Terrestrial_Reference_Frame_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_ETRS",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRF93_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["ETRF93",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF93",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_ETRS"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110128	WGS_1984_To_LHN95_Height_CHGeo2004	VERTTRAN["WGS_1984_To_LHN95_Height_CHGeo2004",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_ETRS",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["WGS_1984_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_ETRS"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110129	ETRS89_to_Baltic_1957_Height_1_SK	VERTTRAN["ETRS89_to_Baltic_1957_Height_1_SK",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Baltic_1957_height",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Slovakia_ETRS89h_to_Baltic1957",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_to_Baltic_1957_Height_1_SK",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Baltic_1957_height",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Slovakia_ETRS89h_to_Baltic1957"],OPERATIONACCURACY[0.03]]
110130	ETRS89_to_EVRF2007_Height_1_SK	VERTTRAN["ETRS89_to_EVRF2007_Height_1_SK",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_Slovakia_ETRS89h_to_EVRF2007",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_to_EVRF2007_Height_1_SK",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["Slovakia_ETRS89h_to_EVRF2007"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110131	NAD_1983_Height_To_NAVD88_Depth_CONUS_GEOID12B	VERTTRAN["NAD_1983_Height_To_NAVD88_Depth_CONUS_GEOID12B",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Depth_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110132	NAD_1983_Height_To_NAVD88_Depth_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_Height_To_NAVD88_Depth_Alaska_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Depth_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110133	NAD_1983_Height_To_NAVD88_Depth_Hawaii_GEOID12B_Height	VERTTRAN["NAD_1983_Height_To_NAVD88_Depth_Hawaii_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bh0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Depth_Hawaii_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bh0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110134	NAD_1983_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110135	NAD_1983_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110136	NAD_1983_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110137	NAD_1983_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B_Height	VERTTRAN["NAD_1983_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B_Height",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110138	NAD_1983_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B	VERTTRAN["NAD_1983_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bu0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110139	Estonia_1997_height_To_EVRF2007_height_EGM96	VERTTRAN["Estonia_1997_height_To_EVRF2007_height_EGM96",GEOGCS["GCS_Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm96.grd",0.0],OPERATIONACCURACY[1.5]]	COORDINATEOPERATION["Estonia_1997_height_To_EVRF2007_height_EGM96",SOURCECRS[VERTCRS["Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm96.grd"],OPERATIONACCURACY[1.5]]

WKID	Name	WKT1	WKT2
110140	Estonia_1997_height_To_EVRF2007_height_EGM2008	VERTTRAN["Estonia_1997_height_To_EVRF2007_height_EGM2008",GEOGCS["GCS_Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm2008-1.grd",1.0],OPERATIONACCURACY[1.0]]	COORDINATEOPERATION["Estonia_1997_height_To_EVRF2007_height_EGM2008",SOURCECRS[VERTCRS["Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm2008-1.grd"],OPERATIONACCURACY[1.0]]

WKID	Name	WKT1	WKT2
110141	ETRS89_Height_To_Cascais_Height_GeodPT08	VERTTRAN["ETRS89_Height_To_Cascais_Height_GeodPT08",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodPT08",0.0],OPERATIONACCURACY[0.04]]	COORDINATEOPERATION["ETRS89_Height_To_Cascais_Height_GeodPT08",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodPT08"],OPERATIONACCURACY[0.04]]
110142	PTRA08_Height_To_Cais_das_Velas_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Cais_das_Velas_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cais_das_Velas_height",VDATUM["Cais_das_Velas"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Cais_das_Velas_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cais_das_Velas_height",VDATUM["Cais_das_Velas"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110143	PTRA08_Height_To_Horta_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Horta_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Horta_height",VDATUM["Horta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Horta_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Horta_height",VDATUM["Horta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]
110144	PTRA08_Height_To_Cais_da_Madalena_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Cais_da_Madalena_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cais_da_Madalena_height",VDATUM["Cais_da_Madalena"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Cais_da_Madalena_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cais_da_Madalena_height",VDATUM["Cais_da_Madalena"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110145	PTRA08_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Santa_Cruz_da_Graciosa_height",VDATUM["Santa_Cruz_da_Graciosa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Santa_Cruz_da_Graciosa_height",VDATUM["Santa_Cruz_da_Graciosa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110146	PTRA08_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cais_da_Figueirinha-Angra_do_Heroismo_height",VDATUM["Cais_da_Figueirinha-Angra_do_Heroismo"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cais_da_Figueirinha-Angra_do_Heroismo_height",VDATUM["Cais_da_Figueirinha-Angra_do_Heroismo"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110147	PTRA08_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Cais_da_Vila_do_Porto_height",VDATUM["Cais_da_Vila_do_Porto"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Cais_da_Vila_do_Porto_height",VDATUM["Cais_da_Vila_do_Porto"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110148	PTRA08_Height_To_Ponta_Delgada_Height_GeodAz2014	VERTTRAN["PTRA08_Height_To_Ponta_Delgada_Height_GeodAz2014",GEOGCS["GCS_PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRA08",DATUM["D_PTRA08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Ponta_Delgada_height",VDATUM["Ponta_Delgada"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_GeodAz2014",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["PTRA08_Height_To_Ponta_Delgada_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Ponta_Delgada_height",VDATUM["Ponta_Delgada"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["GeodAz2014"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110149	ETRS89_To_British_Isles_Height_OSGM15_GB	VERTTRAN["ETRS89_To_British_Isles_Height_OSGM15_GB",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Great_Britain",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_British_Isles_Height_OSGM15_GB",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Great_Britain"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110150	ETRS89_To_British_Isles_Height_OSGM15_Belfast	VERTTRAN["ETRS89_To_British_Isles_Height_OSGM15_Belfast",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",20.0],PARAMETER["Dataset_OSGM15_Belfast",0.0],OPERATIONACCURACY[0.014]]	COORDINATEOPERATION["ETRS89_To_British_Isles_Height_OSGM15_Belfast",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",20.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["OSGM15_Belfast"],OPERATIONACCURACY[0.014]]

WKID	Name	WKT1	WKT2
110151	LKS_1992_To_Latvia_2000_Height_RIGA20	VERTTRAN["LKS_1992_To_Latvia_2000_Height_RIGA20",GEOGCS["GCS_LKS_1992",DATUM["D_Latvia_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LKS_1992",DATUM["D_Latvia_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_RIGA20",0.0],OPERATIONACCURACY[0.025]]	COORDINATEOPERATION["LKS_1992_To_Latvia_2000_Height_RIGA20",SOURCECRS[VERTCRS["LKS_1992",DATUM["D_Latvia_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_LKS_1992",DATUM["D_Latvia_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["RIGA20"],OPERATIONACCURACY[0.025]]
110152	LKS_1992_To_Latvia_2000_Height_LV14	VERTTRAN["LKS_1992_To_Latvia_2000_Height_LV14",GEOGCS["GCS_LKS_1992",DATUM["D_Latvia_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LKS_1992",DATUM["D_Latvia_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_LV14",0.0],OPERATIONACCURACY[0.065]]	COORDINATEOPERATION["LKS_1992_To_Latvia_2000_Height_LV14",SOURCECRS[VERTCRS["LKS_1992",DATUM["D_Latvia_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_LKS_1992",DATUM["D_Latvia_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["LV14"],OPERATIONACCURACY[0.065]]

WKID	Name	WKT1	WKT2
110153	LKS_1994_To_LAS07_Height_LIT20G	VERTTRAN["LKS_1994_To_LAS07_Height_LIT20G",GEOGCS["GCS_LKS_1994",DATUM["D_Lithuania_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["LKS_1994",DATUM["D_Lithuania_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_LIT20G",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["LKS_1994_To_LAS07_Height_LIT20G",SOURCECRS[VERTCRS["LKS_1994",DATUM["D_Lithuania_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_LKS_1994",DATUM["D_Lithuania_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["LIT20G"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110154	Estonia_1997_To_EH2000_Height_EST-GEOID2017	VERTTRAN["Estonia_1997_To_EH2000_Height_EST-GEOID2017",GEOGCS["GCS_Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Estonia_1997",DATUM["D_Estonia_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EH2000_height",VDATUM["Estonian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_EST-GEOID2017",0.0],OPERATIONACCURACY[0.005]]	COORDINATEOPERATION["Estonia_1997_To_EH2000_Height_EST-GEOID2017",SOURCECRS[VERTCRS["Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EH2000_height",VDATUM["Estonian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["EST-GEOID2017"],OPERATIONACCURACY[0.005]]

WKID	Name	WKT1	WKT2
110155	CHTRF95_To_LN02_Height_CHGeo2004_Htrans_2	VERTTRAN["CHTRF95_To_LN02_Height_CHGeo2004_Htrans_2",GEOGCS["GCS_Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_htrans_ETRS_corr",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["CHTRF95_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_htrans_ETRS_corr"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110156	ETRS89_To_LN02_Height_CHGeo2004_Htrans_2	VERTTRAN["ETRS89_To_LN02_Height_CHGeo2004_Htrans_2",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_htrans_ETRS_corr",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRS89_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_htrans_ETRS_corr"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110157	ETRF93_To_LN02_Height_CHGeo2004_Htrans_2	VERTTRAN["ETRF93_To_LN02_Height_CHGeo2004_Htrans_2",GEOGCS["ETRF93",DATUM["European_Terrestrial_Reference_Frame_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRF93",DATUM["European_Terrestrial_Reference_Frame_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_htrans_ETRS_corr",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRF93_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["ETRF93",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["ETRF93",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_htrans_ETRS_corr"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110158	WGS_1984_To_LN02_Height_CHGeo2004_Htrans_2	VERTTRAN["WGS_1984_To_LN02_Height_CHGeo2004_Htrans_2",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_chgeo2004_htrans_ETRS_corr",0.0],OPERATIONACCURACY[0.12]]	COORDINATEOPERATION["WGS_1984_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["chgeo2004_htrans_ETRS_corr"],OPERATIONACCURACY[0.12]]

WKID	Name	WKT1	WKT2
110159	CH1903+_To_LN02_Height_CHGeo2004_Htrans	VERTTRAN["CH1903+_To_LN02_Height_CHGeo2004_Htrans",GEOGCS["GCS_CH1903+",DATUM["D_CH1903+",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CH1903+",DATUM["D_CH1903+",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CHGeo2004_Htrans_Bessel",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["CH1903+_To_LN02_Height_CHGeo2004_Htrans",SOURCECRS[VERTCRS["CH1903+",DATUM["D_CH1903+",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_CH1903+",DATUM["D_CH1903+",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CHGeo2004_Htrans_Bessel"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110160	CH1903+_To_LHN95_Height_CHGeo2004	VERTTRAN["CH1903+_To_LHN95_Height_CHGeo2004",GEOGCS["GCS_CH1903+",DATUM["D_CH1903+",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["CH1903+",DATUM["D_CH1903+",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_CHGeo2004_Bessel",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["CH1903+_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["CH1903+",DATUM["D_CH1903+",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_CH1903+",DATUM["D_CH1903+",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["CHGeo2004_Bessel"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110161	SWEREF99_To_RH70_Height_SWEN17	VERTTRAN["SWEREF99_To_RH70_Height_SWEN17",GEOGCS["GCS_SWEREF99",DATUM["D_SWEREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SWEREF99",DATUM["D_SWEREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["RH70",VDATUM["Rikets_Hojdsystem_1970"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",41.0],PARAMETER["Dataset_SWEN17_RH70",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["SWEREF99_To_RH70_Height_SWEN17",SOURCECRS[VERTCRS["SWEREF99",DATUM["D_SWEREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["RH70",VDATUM["Rikets_Hojdsystem_1970"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_SWEREF99",DATUM["D_SWEREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",41.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["SWEN17_RH70"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110162	SWEREF99_To_RH2000_Height_SWEN17	VERTTRAN["SWEREF99_To_RH2000_Height_SWEN17",GEOGCS["GCS_SWEREF99",DATUM["D_SWEREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SWEREF99",DATUM["D_SWEREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",41.0],PARAMETER["Dataset_SWEN17_RH2000",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["SWEREF99_To_RH2000_Height_SWEN17",SOURCECRS[VERTCRS["SWEREF99",DATUM["D_SWEREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_SWEREF99",DATUM["D_SWEREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",41.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["SWEN17_RH2000"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110163	ETRS89_To_DNN_Height	VERTTRAN["ETRS89_To_DNN_Height",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_dnn_2018",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRS89_To_DNN_Height",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["dnn_2018"],OPERATIONACCURACY[0.1]]
110164	ETRS89_To_DVR90_Height	VERTTRAN["ETRS89_To_DVR90_Height",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_dvr90_2013",0.0],OPERATIONACCURACY[0.01]]	COORDINATEOPERATION["ETRS89_To_DVR90_Height",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["dvr90_2013"],OPERATIONACCURACY[0.01]]

WKID	Name	WKT1	WKT2
110165	ETRS89_To_FVR09_Height	VERTTRAN["ETRS89_To_FVR09_Height",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["FVR09_height",VDATUM["Faroe_Islands_Vertical_Reference_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_fvr09",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["ETRS89_To_FVR09_Height",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["FVR09_height",VDATUM["Faroe_Islands_Vertical_Reference_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["fvr09"],OPERATIONACCURACY[0.1]]

WKID	Name	WKT1	WKT2
110166	Greenland_1996_To_GVR2000_Height	VERTTRAN["Greenland_1996_To_GVR2000_Height",GEOGCS["GCS_Greenland_1996",DATUM["D_Greenland_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Greenland_1996",DATUM["D_Greenland_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GVR2000_height",VDATUM["Greenland_Vertical_Reference_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gvr2000_2006",0.0],OPERATIONACCURACY[0.15]]	COORDINATEOPERATION["Greenland_1996_To_GVR2000_Height",SOURCECRS[VERTCRS["Greenland_1996",DATUM["D_Greenland_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GVR2000_height",VDATUM["Greenland_Vertical_Reference_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Greenland_1996",DATUM["D_Greenland_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gvr2000_2006"],OPERATIONACCURACY[0.15]]

WKID	Name	WKT1	WKT2
110167	Greenland_1996_To_GVR2016_Height	VERTTRAN["Greenland_1996_To_GVR2016_Height",GEOGCS["GCS_Greenland_1996",DATUM["D_Greenland_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Greenland_1996",DATUM["D_Greenland_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GVR2016_height",VDATUM["Greenland_Vertical_Reference_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_gvr2016_2016",0.0],OPERATIONACCURACY[0.1]]	COORDINATEOPERATION["Greenland_1996_To_GVR2016_Height",SOURCECRS[VERTCRS["Greenland_1996",DATUM["D_Greenland_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GVR2016_height",VDATUM["Greenland_Vertical_Reference_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_Greenland_1996",DATUM["D_Greenland_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["gvr2016_2016"],OPERATIONACCURACY[0.1]]
110168	EGM96_Geoid_m_To_ftIntl	VERTTRAN["EGM96_Geoid_m_To_ftIntl",VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid_(ftIntl)",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM96_Geoid_m_To_ftIntl",SOURCECRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM96_Geoid_(ftIntl)",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110169	EGM96_Geoid_m_To_ftUS	VERTTRAN["EGM96_Geoid_m_To_ftUS",VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid_(ftUS)",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["EGM96_Geoid_m_To_ftUS",SOURCECRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM96_Geoid_(ftUS)",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]
110170	MSL_Hawaii_Height_m_To_ftUS	VERTTRAN["MSL_Hawaii_Height_m_To_ftUS",VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(ftUS)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["MSL_Hawaii_Height_m_To_ftUS",SOURCECRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(ftUS)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110171	NAD_1983_PA11_Height_To_MSL_Hawaii_Height_GEOID12B	VERTTRAN["NAD_1983_PA11_Height_To_MSL_Hawaii_Height_GEOID12B",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012bh0",0.0],OPERATIONACCURACY[0.017]]	COORDINATEOPERATION["NAD_1983_PA11_Height_To_MSL_Hawaii_Height_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2012bh0"],OPERATIONACCURACY[0.017]]

WKID	Name	WKT1	WKT2
110172	NAD_1983_2011_To_NAVD88_Height_CONUS_GEOID09	VERTTRAN["NAD_1983_2011_To_NAVD88_Height_CONUS_GEOID09",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid09_conus",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_Height_CONUS_GEOID09",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid09_conus"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110173	NAD_1983_2011_To_NAVD88_Height_Alaska_GEOID09	VERTTRAN["NAD_1983_2011_To_NAVD88_Height_Alaska_GEOID09",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid09_ak",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_Height_Alaska_GEOID09",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid09_ak"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110174	NAD_1983_PA11_To_MSL_Hawaii_Height_GEOID09	VERTTRAN["NAD_1983_PA11_To_MSL_Hawaii_Height_GEOID09",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009h01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_PA11_To_MSL_Hawaii_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009h01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110175	NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID09	VERTTRAN["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID09",GEOGCS["GCS_NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009h01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009h01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110176	NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID09	VERTTRAN["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID09",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009h01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID09",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009h01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110177	NAD_1983_2011_To_PRVD02_Height_GEOID09	VERTTRAN["NAD_1983_2011_To_PRVD02_Height_GEOID09",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009p01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_2011_To_PRVD02_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009p01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110178	NAD_1983_2011_To_VIVD09_Height_GEOID09	VERTTRAN["NAD_1983_2011_To_VIVD09_Height_GEOID09",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009p01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_2011_To_VIVD09_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009p01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110179	NAD_1983_PA11_To_ASVD02_Height_GEOID09	VERTTRAN["NAD_1983_PA11_To_ASVD02_Height_GEOID09",GEOGCS["GCS_NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009s01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_PA11_To_ASVD02_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009s01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110180	NAD_1983_PACP00_To_ASVD02_Height_GEOID09	VERTTRAN["NAD_1983_PACP00_To_ASVD02_Height_GEOID09",GEOGCS["GCS_NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009s01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_PACP00_To_ASVD02_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009s01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110181	NAD_1983_MA11_To_GUVD04_Height_GEOID09	VERTTRAN["NAD_1983_MA11_To_GUVD04_Height_GEOID09",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_MA11_To_GUVD04_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110182	NAD_1983_MARP00_To_GUVD04_Height_GEOID09	VERTTRAN["NAD_1983_MARP00_To_GUVD04_Height_GEOID09",GEOGCS["GCS_NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_MARP00_To_GUVD04_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110183	NAD_1983_MA11_To_NMVD03_Height_GEOID09	VERTTRAN["NAD_1983_MA11_To_NMVD03_Height_GEOID09",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_MA11_To_NMVD03_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110184	NAD_1983_MARP00_To_NMVD03_Height_GEOID09	VERTTRAN["NAD_1983_MARP00_To_NMVD03_Height_GEOID09",GEOGCS["GCS_NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2009g01",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["NAD_1983_MARP00_To_NMVD03_Height_GEOID09",SOURCECRS[VERTCRS["NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2009g01"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110185	NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID06	VERTTRAN["NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID06",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid06_ak",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_NAVD88_Height_Alaska_GEOID06",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid06_ak"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110186	NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID03	VERTTRAN["NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID03",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid03_conus",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_NSRS2007_To_NAVD88_Height_CONUS_GEOID03",SOURCECRS[VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid03_conus"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110187	NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID03	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID03",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid03_ak",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID03",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid03_ak"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110188	NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID03	VERTTRAN["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID03",GEOGCS["GCS_NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2003h01",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID03",SOURCECRS[VERTCRS["NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2003h01"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110189	NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID03	VERTTRAN["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID03",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2003h01",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID03",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g2003h01"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110190	NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID99	VERTTRAN["NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID99",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid99_conus",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_FBN_To_NAVD88_Height_CONUS_GEOID99",SOURCECRS[VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid99_conus"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110191	NAD_1983_HARN_To_NAVD88_Height_CONUS_GEOID99	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_CONUS_GEOID99",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid99_conus",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_CONUS_GEOID99",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid99_conus"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110192	NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID99	VERTTRAN["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID99",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid99_ak",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_HARN_To_NAVD88_Height_Alaska_GEOID99",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid99_ak"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110193	NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID99	VERTTRAN["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID99",GEOGCS["GCS_NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999h01",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_PACP00_To_MSL_Hawaii_Height_GEOID99",SOURCECRS[VERTCRS["NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999h01"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110194	NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID99	VERTTRAN["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID99",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g1999h01",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_HARN_To_MSL_Hawaii_Height_GEOID99",SOURCECRS[VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["g1999h01"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110195	SHGD2015_To_SHVD2015_Height_EGM2008_2.5x2.5	VERTTRAN["SHGD2015_To_SHVD2015_Height_EGM2008_2.5x2.5",GEOGCS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["SHVD2015_height",VDATUM["St_Helena_Vertical_Datum_2015"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Dataset_egm2008-25.grd",0.0],OPERATIONACCURACY[0.5]]	COORDINATEOPERATION["SHGD2015_To_SHVD2015_Height_EGM2008_2.5x2.5",SOURCECRS[VERTCRS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["SHVD2015_height",VDATUM["St_Helena_Vertical_Datum_2015"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETERFILE["egm2008-25.grd"],OPERATIONACCURACY[0.5]]

WKID	Name	WKT1	WKT2
110196	EUREF-FIN_To_N60_Height_FIN2000	VERTTRAN["EUREF-FIN_To_N60_Height_FIN2000",GEOGCS["GCS_EUREF_FIN",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EUREF_FIN",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["N60",VDATUM["Helsinki_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_FIN2000_block",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["EUREF-FIN_To_N60_Height_FIN2000",SOURCECRS[VERTCRS["EUREF_FIN",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["N60",VDATUM["Helsinki_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_EUREF_FIN",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Longitude (lon)",east,ORDER[1]],AXIS["Latitude (lat)",north,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["FIN2000_block"],OPERATIONACCURACY[0.03]]
110197	ETRS89_To_N60_Height_FIN2000	VERTTRAN["ETRS89_To_N60_Height_FIN2000",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["N60",VDATUM["Helsinki_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_FIN2000_block",0.0],OPERATIONACCURACY[0.03]]	COORDINATEOPERATION["ETRS89_To_N60_Height_FIN2000",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["N60",VDATUM["Helsinki_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["FIN2000_block"],OPERATIONACCURACY[0.03]]

WKID	Name	WKT1	WKT2
110198	EUREF-FIN_To_N2000_Height_FIN2005N00	VERTTRAN["EUREF-FIN_To_N2000_Height_FIN2005N00",GEOGCS["GCS_EUREF_FIN",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["EUREF_FIN",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_FIN2005N00",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["EUREF-FIN_To_N2000_Height_FIN2005N00",SOURCECRS[VERTCRS["EUREF_FIN",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_EUREF_FIN",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Longitude (lon)",east,ORDER[1]],AXIS["Latitude (lat)",north,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["FIN2005N00"],OPERATIONACCURACY[0.02]]
110199	ETRS89_To_N2000_Height_FIN2005N00	VERTTRAN["ETRS89_To_N2000_Height_FIN2005N00",GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ETRS_1989",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_FIN2005N00",0.0],OPERATIONACCURACY[0.02]]	COORDINATEOPERATION["ETRS89_To_N2000_Height_FIN2005N00",SOURCECRS[VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["FIN2005N00"],OPERATIONACCURACY[0.02]]

WKID	Name	WKT1	WKT2
110200	NAD_1983_CORS96_To_NAVD88_Height_CONUS_GEOID99	VERTTRAN["NAD_1983_CORS96_To_NAVD88_Height_CONUS_GEOID99",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_geoid99_conus",0.0],OPERATIONACCURACY[0.046]]	COORDINATEOPERATION["NAD_1983_CORS96_To_NAVD88_Height_CONUS_GEOID99",SOURCECRS[VERTCRS["NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETERFILE["geoid99_conus"],OPERATIONACCURACY[0.046]]

WKID	Name	WKT1	WKT2
110201	NGVD29_To_NAVD88_NAD27_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD27_CONUS_VERTCON3",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110202	NGVD29_To_NAVD88_NAD83_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_CONUS_VERTCON3",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110203	NGVD29_To_NAVD88_NAD83_HARN_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_HARN_CONUS_VERTCON3",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_HARN_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110204	NGVD29_To_NAVD88_NAD83_CORS96_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_CORS96_CONUS_VERTCON3",GEOGCS["GCS_NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_CORS96_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110205	NGVD29_To_NAVD88_NAD83_FBN_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_FBN_CONUS_VERTCON3",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_FBN_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110206	NGVD29_To_NAVD88_NAD83_NSRS2007_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_NSRS2007_CONUS_VERTCON3",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_NSRS2007_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110207	NGVD29_To_NAVD88_NAD83_2011_CONUS_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_2011_CONUS_VERTCON3",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn",0.0],OPERATIONACCURACY[0.024]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_2011_CONUS_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.conus.oht.trn"],OPERATIONACCURACY[0.024]]

WKID	Name	WKT1	WKT2
110208	NGVD29_To_NAVD88_NAD27_Alaska_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD27_Alaska_VERTCON3",GEOGCS["GCS_North_American_1927",DATUM["D_North_American_1927",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn",0.0],OPERATIONACCURACY[0.026]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD27_Alaska_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1927",DATUM["D_North_American_1927",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn"],OPERATIONACCURACY[0.026]]

WKID	Name	WKT1	WKT2
110209	NGVD29_To_NAVD88_NAD83_Alaska_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_Alaska_VERTCON3",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn",0.0],OPERATIONACCURACY[0.026]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_Alaska_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn"],OPERATIONACCURACY[0.026]]

WKID	Name	WKT1	WKT2
110210	NGVD29_To_NAVD88_NAD83_HARN_Alaska_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_HARN_Alaska_VERTCON3",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn",0.0],OPERATIONACCURACY[0.026]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_HARN_Alaska_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn"],OPERATIONACCURACY[0.026]]

WKID	Name	WKT1	WKT2
110211	NGVD29_To_NAVD88_NAD83_NSRS2007_Alaska_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_NSRS2007_Alaska_VERTCON3",GEOGCS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn",0.0],OPERATIONACCURACY[0.026]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_NSRS2007_Alaska_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn"],OPERATIONACCURACY[0.026]]

WKID	Name	WKT1	WKT2
110212	NGVD29_To_NAVD88_NAD83_2011_Alaska_VERTCON3	VERTTRAN["NGVD29_To_NAVD88_NAD83_2011_Alaska_VERTCON3",GEOGCS["GCS_NAD_1983_2011",DATUM["D_NAD_1983_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn",0.0],OPERATIONACCURACY[0.026]]	COORDINATEOPERATION["NGVD29_To_NAVD88_NAD83_2011_Alaska_VERTCON3",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.ngvd29.navd88.alaska.oht.trn"],OPERATIONACCURACY[0.026]]

WKID	Name	WKT1	WKT2
110213	GUVD63_To_GUVD04_NAD83_HARN_VERTCON3	VERTTRAN["GUVD63_To_GUVD04_NAD83_HARN_VERTCON3",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn",0.0],OPERATIONACCURACY[0.054]]	COORDINATEOPERATION["GUVD63_To_GUVD04_NAD83_HARN_VERTCON3",SOURCECRS[VERTCRS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn"],OPERATIONACCURACY[0.054]]

WKID	Name	WKT1	WKT2
110214	GUVD63_To_GUVD04_NAD83_FBN_VERTCON3	VERTTRAN["GUVD63_To_GUVD04_NAD83_FBN_VERTCON3",GEOGCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn",0.0],OPERATIONACCURACY[0.054]]	COORDINATEOPERATION["GUVD63_To_GUVD04_NAD83_FBN_VERTCON3",SOURCECRS[VERTCRS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn"],OPERATIONACCURACY[0.054]]

WKID	Name	WKT1	WKT2
110215	GUVD63_To_GUVD04_NAD83_MARP00_VERTCON3	VERTTRAN["GUVD63_To_GUVD04_NAD83_MARP00_VERTCON3",GEOGCS["GCS_NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn",0.0],OPERATIONACCURACY[0.054]]	COORDINATEOPERATION["GUVD63_To_GUVD04_NAD83_MARP00_VERTCON3",SOURCECRS[VERTCRS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn"],OPERATIONACCURACY[0.054]]

WKID	Name	WKT1	WKT2
110216	GUVD63_To_GUVD04_NAD83_MA11_VERTCON3	VERTTRAN["GUVD63_To_GUVD04_NAD83_MA11_VERTCON3",GEOGCS["GCS_NAD_1983_MA11",DATUM["D_NAD_1983_MA11",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["VERTCON3"],PARAMETER["Dataset_vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn",0.0],OPERATIONACCURACY[0.054]]	COORDINATEOPERATION["GUVD63_To_GUVD04_NAD83_MA11_VERTCON3",SOURCECRS[VERTCRS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["VERTCON3"],PARAMETERFILE["vertcon_3.0_20190601.guvd63.guvd04.guam.oht.trn"],OPERATIONACCURACY[0.054]]
110217	NGVD29_Height_ftUS_To_m	VERTTRAN["NGVD29_Height_ftUS_To_m",VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["Unit_Change"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NGVD29_Height_ftUS_To_m",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],METHOD["Unit_Change"],OPERATIONACCURACY[0.0]]

WKID	Name	WKT1	WKT2
110218	NGVD29_ftUS_Height_To_Depth	VERTTRAN["NGVD29_ftUS_Height_To_Depth",VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]],VERTCS["NGVD29_depth",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]],VTMETHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]	COORDINATEOPERATION["NGVD29_ftUS_Height_To_Depth",SOURCECRS[VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],TARGETCRS[VERTCRS["NGVD29_depth",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]],METHOD["Height_Depth_Reversal"],OPERATIONACCURACY[0.0]]
110219	GDA94_Height_To_AHD_Height_AUSGeoid98	VERTTRAN["GDA94_Height_To_AHD_Height_AUSGeoid98",GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["GDA_1994",DATUM["D_GDA_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["AHD",VDATUM["Australian_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",40.0],PARAMETER["Dataset_AUSGeoid98",0.0],OPERATIONACCURACY[0.05]]	COORDINATEOPERATION["GDA94_Height_To_AHD_Height_AUSGeoid98",SOURCECRS[VERTCRS["GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["AHD",VDATUM["Australian_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",40.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["AUSGeoid98"],OPERATIONACCURACY[0.05]]

WKID	Name	WKT1	WKT2
110220	WGS_1984_To_EGM_1996_Geoid_BCNS_3	VERTTRAN["WGS_1984_To_EGM_1996_Geoid_BCNS_3",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Interpolation_Type",42.0],PARAMETER["Dataset_egm96.grd",0.0],OPERATIONACCURACY[1.0]]	COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_BCNS_3",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETER["Interpolation_Type",42.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["egm96.grd"],OPERATIONACCURACY[1.0]]

WKID	Name	WKT1	WKT2
110221	WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height_BCNS	VERTTRAN["WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height_BCNS",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["EGM96"],PARAMETER["Interpolation_Type",61.0],PARAMETER["Dataset_egm2008-25.grd",0.0],OPERATIONACCURACY[0.2]]	COORDINATEOPERATION["WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height_BCNS",SOURCECRS[VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["EGM96"],PARAMETER["Interpolation_Type",61.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["egm2008-25.grd"],OPERATIONACCURACY[0.2]]

WKID	Name	WKT1	WKT2
110222	NAD83(CSRS)_Height_To_CGVD28_Height_GSD95	VERTTRAN["NAD83(CSRS)_Height_To_CGVD28_Height_GSD95",GEOGCS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_NGSD95n83",0.0],OPERATIONACCURACY[0.6]]	COORDINATEOPERATION["NAD83(CSRS)_Height_To_CGVD28_Height_GSD95",SOURCECRS[VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["NGSD95n83"],OPERATIONACCURACY[0.6]]

WKID	Name	WKT1	WKT2
110223	ITRF_1997_Height_To_CGVD28_Height_GSD95	VERTTRAN["ITRF_1997_Height_To_CGVD28_Height_GSD95",GEOGCS["GCS_ITRF_1997",DATUM["D_ITRF_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["ITRF_1997",DATUM["D_ITRF_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Interpolation_Type",30.0],PARAMETER["Dataset_NGSD95",0.0],OPERATIONACCURACY[0.6]]	COORDINATEOPERATION["ITRF_1997_Height_To_CGVD28_Height_GSD95",SOURCECRS[VERTCRS["ITRF_1997",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["NNR-NUVEL1A"]],DATUM["D_ITRF_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCRS["GCS_ITRF_1997",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["NNR-NUVEL1A"]],DATUM["D_ITRF_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,ANGLEUNIT["Degree",0.0174532925199433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.0174532925199433]]],METHOD["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["NGSD95"],OPERATIONACCURACY[0.6]]