

## Vertical datum transformations

ArcGIS Enterprise 11.0

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]]

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]]

4446	NZVD2009_To_Napier_1	<p>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]]</p>	<p>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]]</p>
4447	NZVD2009_To_Taranaki_1	<p>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]]</p>	<p>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]]</p>
4448	NZVD2009_To_Wellington_1	<p>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]]</p>	<p>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]]</p>

4449	NZVD2009_To_Lyttelton_1	<p>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]]</p>	<p>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]]</p>
4450	NZVD2009_To_Dunedin_1	<p>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]]</p>	<p>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]]</p>
4451	NZVD2009_To_Bluff_1	<p>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]]</p>	<p>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]]</p>

4452	NZVD2009_To_Stewart_Island_1	<p>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]]</p>	<p>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]]</p>
4453	NZVD2009_To_Dunedin_Bluff_1960_1	<p>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]]</p>	<p>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]]</p>

4651	Newlyn_(height)_to_EVRF2000_(height)_1)	<p>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",54.58333333333334],PARAMETER["Inclination_North",0.044],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",54.58333333333334,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]]</p>
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5196	HVRS_1971_Height_To_EVRS_2000_Height_1	<p>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]]</p>	<p>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]]</p>
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5197	HVRS_1971_Height_To_EVRF_2007_Height_1	<p>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]]</p>	<p>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]]</p>
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5198	Oostende_Height_To_EVRS_2000_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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5199	Oostende_Height_To_EVRF_2007_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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5200	Baltic_1982_Height_To_EVRF_2007_Height_1	<p>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",25.376666666666667],PARAMETER["Latitude_Of_Evaluation",42.625],PARAMETER["Inclination_North",-0.009],PARAMETER["Inclination_East",-0.003],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",25.376666666666667,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]]</p>
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5201	Baltic_Height_To_EVRS_2000_Height_4	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5202	Baltic_Height_To_EVRF_2007_Height_1	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5203	Baltic_Height_To_EVRF_2007_Height_2	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",-0.013,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5204	Baltic_Height_To_EVRF_2007_Height_3	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5205	Constanta_Height_To_EVRS_2000_Height_1	<p>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",24.816666666666667],PARAMETER["Latitude_Of_Evaluation",46.016666666666667],PARAMETER["Inclination_North",0.002],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",24.816666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.016666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5206	Constanta_Height_To_EVRF_2007_Height_1	<p>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",24.816666666666667],PARAMETER["Latitude_Of_Evaluation",46.016666666666667],PARAMETER["Inclination_North",-0.005],PARAMETER["Inclination_East",0.008],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",24.816666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",46.016666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",-0.005,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.008,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5207	LN_1902_Height_To_EVRF_2007_Height_1	<p>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_Verticial_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]]</p>	<p>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_Verticial_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
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5208	RH2000_Height_To_EVRF_2007_Height_1	<p>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_Verticial_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]],VERTMETHOD["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]]</p>	<p>COORDINATEOPERATION["RH2000_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF_2007",VDATUM["European_Verticial_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",-0.0003,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5209	Baltic_Height_To_EVRS_2000_Height_5	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.004,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5210	Baltic_Height_To_EVRF_2007_Height_4	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",-0.012,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5211	DHHN92_Height_To_EVRF_2007_Height_1	<p>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["Deutches_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",10.216666666666667],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.01],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]</p>	<p>COORDINATEOPERATION["DHHN92_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["DHHN92",VDATUM["Deutches_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[GEOGCS["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",10.216666666666667,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]]</p>
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5212	DHHN85_Height_To_EVRF_2007_Height_1	<p>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["Deutches_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",8.666666666666666],PARAMETER["Latitude_Of_Evaluation",51.05],PARAMETER["Inclination_North",-0.011],PARAMETER["Inclination_East",0.005],OPERATIONACCURACY[0.1]]</p>	<p>COORDINATEOPERATION["DHHN85_Height_To_EVRF_2007_Height_1",SOURCECRS[VERTCRS["DHHN85",VDATUM["Deutches_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[GEOGCS["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",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5213	Genoa_Height_To_EVRS_2000_Height_1	<p>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",12.966666666666667],PARAMETER["Latitude_Of_Evaluation",42.583333333333334],PARAMETER["Inclination_North",-0.03],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",12.966666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.583333333333334,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]]</p>
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5215	Genoa_Height_To_EVRF_2007_Height_1	<p>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",12.966666666666667],PARAMETER["Latitude_Of_Evaluation",42.583333333333334],PARAMETER["Inclination_North",-0.036],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",12.966666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",42.583333333333334,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]]</p>
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5216	Genoa_Height_To_EVRS_2000_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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5217	Genoa_Height_To_EVRF_2007_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
5400	Baltic_To_Caspian_1	<p>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]]</p>	<p>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]]</p>

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]]
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"],PARAMETER["Dataset_vertconw.94"],OPERATIONACCURACY[0.02]]

5410	NGVD29_To_NAVD88_NAD27_2_Central	<p>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]]</p>	<p>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[GEOGCS["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["vertconc.94"],OPERATIONACCURACY[0.02]]</p>
5411	NGVD29_To_NAVD88_NAD27_3_East	<p>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]]</p>	<p>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[GEOGCS["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["vertcone.94"],OPERATIONACCURACY[0.02]]</p>

5413	KOC_CD_To_KOC_WD_1	<p>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]]</p>	<p>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]]</p>
5415	GHA_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

5416	Baltic_1982_To_EVRS_2000_1	<p>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",25.376666666666667],PARAMETER["Latitude_Of_Evaluation",42.625],PARAMETER["Inclination_North",0.001],PARAMETER["Inclination_East",-0.004],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",25.376666666666667,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]]</p>
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5417	DNN_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.011,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
5419	NGF_IGN69_To_EVRS_2000_1	<p>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]]</p>	<p>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]]</p>



5420	DHHN92_To_EVRS_2000_1	<p>VERTTRAN["DHHN92_To_EVRS_2000_1",  GEOGCS["GCS_ETRS_1989",DATUM["D_E  TRS_1989",SPHEROID["GRS_1980",63781  37.0,298.257222101]],PRIMEM["Greenwi  ch",0.0],UNIT["Degree",0.017453292519  9433]],VERTCS["DHHN92",VDATUM["Deu  tches_Haupthoehennetz_1992"],PARAM  ETER["Vertical_Shift",0.0],PARAMETER["  Direction",1.0],UNIT["Meter",1.0]],VERTC  S["EVRS_2000",VDATUM["European_Vert  ical_Reference_Frame_2000"],PARAMET  ER["Vertical_Shift",0.0],PARAMETER["Dir  ection",1.0],UNIT["Meter",1.0]],VTMETH  OD["Vertical_Offset_and_Slope"],PARAM  ETER["Vertical_Offset",0.014],PARAMETE  R["Longitude_Of_Evaluation",10.2166666  6666667],PARAMETER["Latitude_Of_Eval  uation",51.05],PARAMETER["Inclination_  North",-  0.001],PARAMETER["Inclination_East",0.0  ],OPERATIONACCURACY[0.1]]</p>	<p>COORDINATEOPERATION["DHHN92_To_EVRS_2000  _1",SOURCECRS[VERTCRS["DHHN92",VDATUM["Deu  tches_Haupthoehennetz_1992"],CS[vertical,1],AXIS[  "Gravity-related height  (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VE  RTCRS["EVRS_2000",VDATUM["European_Vertical_  Reference_Frame_2000"],CS[vertical,1],AXIS["Gravit  y-related height  (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIO  NCRS[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS  _1989",ELLIPSOID["GRS_1980",6378137.0,298.2572  22101,LENGTHUNIT["Meter",1.0]],PRIMEM["Green  wich",0.0,ANGLEUNIT["Degree",0.01745329251994  33]],CS[ellipsoidal,2],AXIS["Latitude  (lat)",north,ORDER[1]],AXIS["Longitude  (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.01745  32925199433]],METHOD["Vertical_Offset_and_Slo  pe"],PARAMETER["Vertical_Offset",0.014,LENGTHU  NIT["Meter",1.0]],PARAMETER["Longitude_Of_Evalu  ation",10.21666666666667,ANGLEUNIT["Degree",0.  0174532925199433]],PARAMETER["Latitude_Of_Eva  luation",51.05,ANGLEUNIT["Degree",0.01745329251  99433]],PARAMETER["Inclination_North",-  0.001,ANGLEUNIT["Arcsecond",0.000004848136811  09536]],PARAMETER["Inclination_East",0.0,ANGLEU  NIT["Arcsecond",0.00000484813681109536]],OPER  ATIONACCURACY[0.1]]</p>
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5421	DHHN85_To_EVRS_2000_1	<p>VERTTRAN["DHHN85_To_EVRS_2000_1",  GEOGCS["GCS_ETRS_1989",DATUM["D_E  TRS_1989",SPHEROID["GRS_1980",63781  37.0,298.257222101]],PRIMEM["Greenwi  ch",0.0],UNIT["Degree",0.017453292519  9433]],VERTCS["DHHN85",VDATUM["Deu  tches_Haupthoehennetz_1985"],PARAM  ETER["Vertical_Shift",0.0],PARAMETER["  Direction",1.0],UNIT["Meter",1.0]],VERTC  S["EVRS_2000",VDATUM["European_Vert  ical_Reference_Frame_2000"],PARAMET  ER["Vertical_Shift",0.0],PARAMETER["Dir  ection",1.0],UNIT["Meter",1.0]],VTMETH  OD["Vertical_Offset_and_Slope"],PARAM  ETER["Vertical_Offset",0.017],PARAMETE  R["Longitude_Of_Evaluation",8.66666666  6666666],PARAMETER["Latitude_Of_Eval  uation",51.05],PARAMETER["Inclination_  North",-  0.002],PARAMETER["Inclination_East",0.0  03],OPERATIONACCURACY[0.1]]</p>	<p>COORDINATEOPERATION["DHHN85_To_EVRS_2000  _1",SOURCECRS[VERTCRS["DHHN85",VDATUM["Deu  tches_Haupthoehennetz_1985"],CS[vertical,1],AXIS[  "Gravity-related height  (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VE  RTCRS["EVRS_2000",VDATUM["European_Vertical_  Reference_Frame_2000"],CS[vertical,1],AXIS["Gravit  y-related height  (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIO  NCRS[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS  _1989",ELLIPSOID["GRS_1980",6378137.0,298.2572  22101,LENGTHUNIT["Meter",1.0]],PRIMEM["Green  wich",0.0,ANGLEUNIT["Degree",0.01745329251994  33]],CS[ellipsoidal,2],AXIS["Latitude  (lat)",north,ORDER[1]],AXIS["Longitude  (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.01745  32925199433]],METHOD["Vertical_Offset_and_Slo  pe"],PARAMETER["Vertical_Offset",0.017,LENGTHU  NIT["Meter",1.0]],PARAMETER["Longitude_Of_Evalu  ation",8.666666666666666,ANGLEUNIT["Degree",0.  0174532925199433]],PARAMETER["Latitude_Of_Eva  luation",51.05,ANGLEUNIT["Degree",0.01745329251  99433]],PARAMETER["Inclination_North",-  0.002,ANGLEUNIT["Arcsecond",0.000004848136811  09536]],PARAMETER["Inclination_East",0.003,ANGL  EUNIT["Arcsecond",0.00000484813681109536]],OP  ERATIONACCURACY[0.1]]</p>
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5422	SNN76_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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",13.166666666666667,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]]</p>
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5424	EOMA_1980_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",-0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
5425	NAP_To_EVRS_2000_1	<p>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]]</p>	<p>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]]</p>

5426	NN54_To_EVRS_2000_1	<p>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",11.166666666666667],PARAMETER["Latitude_Of_Evaluation",62.93333333333333],PARAMETER["Inclination_North",-0.01],PARAMETER["Inclination_East",0.034],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",11.166666666666667,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]]</p>
5427	Cascais_To_EVRS_2000_1	<p>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]]</p>	<p>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]]</p>

5428	NVN99_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5429	Alicante_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5430	RH70_To_EVRS_2000_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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5431	LN02_To_EVRS_2000_1	<p>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["Landesnivellation_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",46.916666666666666],PARAMETER["Inclination_North",-0.21],PARAMETER["Inclination_East",-0.032],OPERATIONACCURACY[0.1]]</p>	<p>COORDINATEOPERATION["LN02_To_EVRS_2000_1",SOURCECRS[VERTCRS["LN_1902",VDATUM["Landesnivellation_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[GEOGCS["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",46.916666666666666,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]]</p>
5432	N60_To_EVRS_2000_1	<p>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]]</p>	<p>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]]</p>

5434	Baltic_To_EVRS_2000_2	<p>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",24.016666666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",24.016666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5435	Baltic_To_EVRS_2000_3	<p>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",48.63333333333333],PARAMETER["Inclination_North",0.02],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",48.63333333333333,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.02,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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5436	Baltic_Height_To_EVRS_2000_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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5437	Baltic_To_EVRS_2000_2	<p>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",24.016666666666667],PARAMETER["Latitude_Of_Evaluation",55.3],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.002],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",24.016666666666667,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Latitude_Of_Evaluation",55.3,ANGLEUNIT["Degree",0.0174532925199433]],PARAMETER["Inclination_North",0.0,ANGLEUNIT["Arcsecond",0.00000484813681109536]],PARAMETER["Inclination_East",0.002,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
5438	Baltic_Height_To_Caspian_Height_1	<p>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]]</p>	<p>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]]</p>

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]]

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]]

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]]



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"],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]]

5455	KOC_WD_Depth_To_Kuwait_PWD_Height_1	<p>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]]</p>	<p>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]]</p>
5557	GHA_To_EVRF_2007_height_1	<p>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]]</p>	<p>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]]</p>

5656	GDA94_Height_To_AHD_Height_AUSGeoid09_49	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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5657	GDA94_Height_To_AHD_Tasmania_Height_AUSGeoid09_2	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
6699	JGD2000_vertical_(height)_to_JGD2011_(vertical)_height_1	<p>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]]</p>	<p>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]]</p>

7653	EGM96_height_To_Kumul_34_height_1	<p>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]]</p>	<p>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]]</p>
7654	EGM2008_height_To_Kiunga_height_1	<p>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]]</p>	<p>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]]</p>

7701	Latvia_2000_height_To_EVRF2007_height_1	<p>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",24.88333333333333],PARAMETER["Latitude_of_Evaluation",56.96666666666667],PARAMETER["Inclination_North",0.0],PARAMETER["Inclination_East",0.007399999999999999],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",0.007399999999999999,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.1]]</p>
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7711	ETRS89_To_Newlyn_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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7712	ETRS89_To_ODN_Orkney_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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7713	ETRS89_To_ODN_Offshore_Height_1_OSGM15	<p>VERTTRAN["ETRS89_To_ODN_Offshore_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]]</p>	<p>COORDINATEOPERATION["ETRS89_To_ODN_Offshore_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["Gravity-related 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[GEOGCS["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]]</p>
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7714	ETRS89_To_Lerwick_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>
7715	ETRS89_To_Stornoway_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>

7716	ETRS89_To_St_Marys_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
7717	ETRS89_To_Douglas_Height_2_OSGM15	<p>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]]</p>	<p>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["Gravity-related 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]]</p>

7838	DHHN2016_(height)_To_EVRF_2007_(height)_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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7860	NZVD2016_Height_To_Auckland_1946_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
7861	NZVD2016_Height_To_Bluff_1955_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

7862	NZVD2016_Height_To_Dunedin_1958_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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7863	NZVD2016_Height_To_Dunedin-Bluff_1960_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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7864	NZVD2016_Height_To_Gisborne_1926_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
7865	NZVD2016_Height_To_Lyttelton_1937_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>



7866	NZVD2016_Height_To_Moturiki_1953_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
7867	NZVD2016_Height_To_Napier_1962_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

7868	NZVD2016_Height_To_Nelson_1955_Height_1	<p>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]]</p>	<p>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]]</p>
7869	NZVD2016_Height_To_One_Tree_Point_1964_Height_1	<p>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]]</p>	<p>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]]</p>

7870	NZVD2016_Height_To_Stewart_Island_1977_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
7871	NZVD2016_Height_To_Taranaki_1970_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

7872	NZVD2016_Height_To_Wellington_1953_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
7873	EGM96_height_to_POM96_height_1	<p>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]]</p>	<p>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]]</p>

7874	EGM2008_height_to_POM08_height_1	<p>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]]</p>	<p>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]]</p>
7958	ETRS89_To_Belfast_Height_2_OSGM15	<p>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]]</p>	<p>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["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]]],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]]</p>

7959	ETRS89_To_Malin_Head_Height_2_OSGM15	<p>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]]</p>	<p>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["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]]],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]]</p>
7964	Poolbeg_height_(m)_To_Malin_Head_height_1	<p>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]]</p>	<p>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]]</p>

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]]

7981	Kuwait_PWD_height_To_KOC_WD_height_1	<p>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]]</p>	<p>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]]</p>
8451	GDA2020_Height_To_AHD_Height_AUSGeoid2020_1	<p>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]]</p>	<p>COORDINATEOPERATION["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",SOURCECRS[VERTCRS["GDA2020",DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["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]]</p>



9124	ITRF_2008_Height_To_CGVD2013(CGG2013)_Height_1	<p>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]]</p>	<p>COORDINATEOPERATION["ITRF_2008_Height_To_CGVD2013(CGG2013)_Height_1",SOURCECRS[VERTCRS["ITRF_2008",DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_ITRF_2008",DYNAMIC[FRAME EPOCH[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]]</p>
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9125	ITRF_2008_Height_To_CGVD2013(CGG2013a)_Height_2	<p>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["Datum_CGG2013ai08",0.0],OPERATIONACCURACY[0.03]]</p>	<p>COORDINATEOPERATION["ITRF_2008_Height_To_CGVD2013(CGG2013a)_Height_2",SOURCECRS[VERTCRS["ITRF_2008",DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101],LENGTHUNIT["Meter",1.0]],CS[vertical,1],AXIS["Gravity-related 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[FRAME EPOCH[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]]</p>
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9229	NAD_1983_2011_Height_To_NAVD88_CONUS_GEOID18_Height_3	<p>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]],PRIME M["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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_CONUS_GEOID18_Height_3",SOURCE CRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]],PRIME M["Greenwich",0.0,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[0.015]]</p>
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9230	NAD_1983_2011_Height_To_PRVD02_GEOID18_Height_2	<p>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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_PRVD02_GEOID18_Height_2",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101],LENGTHUNIT["Meter",1.0]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_NAD_1983_2011",DYNAMICFRAMEEPOCH[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[0.015]]</p>
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9246	<p>NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013)_Height_1VERTTRAN["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",6378137.0,298.25722101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",SPHEROID["GRS_1980",6378137.0,298.25722101]],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]]</p>	<p>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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>	
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9247	NAD83(CSRS)v6_Height_To_CGVD2013(CGG2013a)_Height_1	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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9275	GHA_Height_To_EVRF2000_Austria_Height_1	<p>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_Vertikal_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]]</p>	<p>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_Vertikal_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
9276	ETRS89_Height_To_EVRF2000_Austria_Height_1	<p>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_Vertikal_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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["EVRF2000_Austria_height",VDATUM["European_Vertikal_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>

9283	ETRS89_Height_To_NAP_Height_nlgeo2018	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
9304	ETRS89_To_HS2-VRF_height_HS2GM15_1	<p>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]]</p>	<p>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["Gravity-related 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]]</p>



9371	Vienna_height_To_GHA_height_1	<p>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]]</p>	<p>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]]</p>
9410	ETRS89_Height_To_Alicante_Height_1	<p>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_RED NAP",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP"],OPERATIONACCURACY[0.05]]</p>

9411	ETRS89_Height_To_Mallorca_Height_1	<p>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_RED NAP",0.0],OPERATIONACCURACY[0.05]</p>	<p>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["Gravity-related 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_RED NAP"],OPERATIONACCURACY[0.05]]</p>
9412	ETRS89_Height_To_Menorca_Height_1	<p>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_RED NAP",0.0],OPERATIONACCURACY[0.05]</p>	<p>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["Gravity-related 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_RED NAP"],OPERATIONACCURACY[0.05]]</p>

9413	ETRS89_Height_To_Ibiza_Height_1	<p>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_RED NAP",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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[GEOGCS["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_RED NAP"],OPERATIONACCURACY[0.05]]</p>
9414	ETRS89_Height_To_Ceuta_2_Height_1	<p>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_RED NAP",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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[GEOGCS["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_RED NAP"],OPERATIONACCURACY[0.05]]</p>

9415	REGCAN95_Height_To_Lanzarote_Height_1	<p>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_RED NAP_Canarias",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP_Canarias"],OPERATIONACCURACY[0.05]]</p>
9416	REGCAN95_Height_To_Fuerteventura_Height_1	<p>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_RED NAP_Canarias",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP_Canarias"],OPERATIONACCURACY[0.05]]</p>

9417	REGCAN95_Height_To_Gran_Canaria_Height_1	<p>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_RED NAP_Canarias",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP_Canarias"],OPERATIONACCURACY[0.05]]</p>
9418	REGCAN95_Height_To_Tenerife_Height_1	<p>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_RED NAP_Canarias",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP_Canarias"],OPERATIONACCURACY[0.05]]</p>

9419	REGCAN95_Height_To_La_Gomera_Height_1	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
9420	REGCAN95_Height_To_La_Palma_Height_1	<p>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]]</p>	<p>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["Gravity-related 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]]</p>

9421	REGCAN95_Height_To_El_Hierro_Height_1	<p>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_RED NAP_Canarias",0.0],OPERATIONACCURACY[0.05]]</p>	<p>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["Gravity-related 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_RED NAP_Canarias"],OPERATIONACCURACY[0.05]]</p>
9551	Antalya_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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]]</p>

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[GEOGCS["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]]



9554	Cascais_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9555	DHHN2016_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9556	DHHN2016_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9557	GHA_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9558	GHA_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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]]</p>
9559	LHN95_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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]]</p>

9560	LHN95_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9561	ODN_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

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]]
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[GEOGCS["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]]

9564	Oostende_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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]]</p>
9565	SVS2010_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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]]</p>

9566	SVS2010_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9567	Trieste_Height_To_EVRF2019_Height_2	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9568	Trieste_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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]]</p>	<p>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]]</p>
9569	Trieste_Height_To_EVRF2019_Height_3	<p>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]]</p>	<p>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]]</p>



9570	Trieste_Height_To_EVRF2019_Mean-Tide_Height_3	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9571	Baltic_1982_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9572	Baltic_1982_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9573	N2000_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9574	N2000_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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]]</p>
9575	NGF_IGN69_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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]]</p>

9576	NGF_IGN69_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9577	EOMA_1980_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9578	EOMA_1980_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9579	Latvia_2000_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9580	Latvia_2000_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9581	NAP_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9582	NAP_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9583	Constanta_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9645	Constanta_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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]]</p>
9646	Alicante_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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]]</p>



9647	Alicante_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9648	RH2000_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>COORDINATEOPERATION["RH2000_Height_To_EVRF2019_Height_1",SOURCECRS[VERTCRS["RH2000"],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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

9649	RH2000_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>COORDINATEOPERATION["RH2000_Height_To_EVRF2019_Mean-Tide_Height_1",SOURCECRS[VERTCRS["RH2000",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[GEOGCS["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]]</p>
9652	Baltic_1986_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9653	Baltic_1986_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
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9654	EVRF2007- PL_Height_To_EVRF2019_Height_1	VERTTRAN["EVRF2007- PL_Height_To_EVRF2019_Height_1",GEO GCS["GCS_ETRS_1989",DATUM["D_ETRS _1989",SPHEROID["GRS_1980",6378137. 0,298.257222101]],PRIMEM["Greenwich" ,0.0],UNIT["Degree",0.017453292519943 3]],VERTCS["EVRF_2007_PL_height",VDA TUM["European_Vertical_Reference_Fra me_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_Sh ift",0.0],PARAMETER["Direction",1.0],UNI T["Meter",1.0]],VTMETHOD["Vertical_Off set_with_Grid"],PARAMETER["Dataset_pl 07_2019z",0.0],OPERATIONACCURACY[0. 006]]	COORDINATEOPERATION["EVRF2007- PL_Height_To_EVRF2019_Height_1",SOURCECRS[VE RTCERS["EVRF_2007_PL_height",VDATUM["European _Vertical_Reference_Frame_2007_Poland"],CS[verti cal,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VE RTCERS["EVRF_2019",VDATUM["European_Vertical_ Reference_Frame_2019"],CS[vertical,1],AXIS["Gravit y-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIO NCRS[GEOGCRS["GCS_ETRS_1989",DATUM["D_ETRS _1989",ELLIPSOID["GRS_1980",6378137.0,298.2572 22101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Green wich",0.0,ANGLEUNIT["Degree",0.01745329251994 33]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.01745 32925199433]]],METHOD["Vertical_Offset_with_Gri d"],PARAMETERFILE["pl07_2019z"],OPERATIONACC URACY[0.006]]
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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[GEOGCS["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]]
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9664	EH2000_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9665	EH2000_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>

9667	LAS07_Height_To_EVRF2019_Height_1	<p>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_It_2019z",0.0],OPERATIONACCURACY[0.01]]</p>	<p>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[GEOGCS["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[0.01]]</p>
9668	LAS07_Height_To_EVRF2019_Mean-Tide_Height_2	<p>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_It_2019m",0.0],OPERATIONACCURACY[0.014]]</p>	<p>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[GEOGCS["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[0.014]]</p>

9670	BGS2005_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
9671	BGS2005_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>



9692	GDA2020_To_AVWS_Height_2	<p>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]]</p>	<p>COORDINATEOPERATION["GDA2020_To_AVWS_Height_2",SOURCECRS[VERTCRS["GDA2020",DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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]]</p>
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9710	EVRF2019_Height_To_EVRF2019_Mean-Tide_Height	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
9726	Genoa_1942_Height_to_Catania_1965_height_1	<p>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]]</p>	<p>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]]</p>

9744	Baltic_1957_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["GCS_ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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",0.00000484813681109536]],PARAMETER["Inclination_East",0.006,ANGLEUNIT["Arcsecond",0.00000484813681109536]],OPERATIONACCURACY[0.01]]</p>
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9745	Baltic_1957_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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9900	Genoa_1942_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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]]</p>
9902	Baltic_1977_Height_To_EVRF2019_Height_1	<p>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]]</p>	<p>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]]</p>

9903	Baltic_1977_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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9921	Genoa_1942_Height_To_EVRF2019_Mean-Tide_Height_1	<p>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]]</p>	<p>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",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]]],PRIMEM["Greenwich",0.0,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]]</p>
10084	WGS_1984_To_EGM_1996_Geoid_1	<p>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[1.0]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[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[1.0]]</p>

15781	WGS_1984_To_EGM_1984_Geoid_1	<p>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]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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["AM02"]],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]]</p>
110000	NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height	<p>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[0.05]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_CONUS_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.05]]</p>



110001	NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height	<p>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",0.017453292519433]],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[4.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_To_NAVD88_Alaska_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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[GEOGCS["GCS_NAD_1983_2011",DYNAMICFRAMEEPOCH[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[4.0]]</p>
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110002	NAD_1983_PA11_To_NAVD88_Hawaii_GEOID12B_Height	<p>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[2.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_PA11_To_NAVD88_Hawaii_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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[GEOGCS["GCS_NAD_1983_PA11",DYNAMICFRAMEEPOCH[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[2.0]]</p>
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110003	NAD_1983_2011_To_PRVD02_GEOID12B_Height	<p>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[2.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_To_PRVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_NAD_1983_2011",DYNAMICFRAMEEPOCH[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[2.0]]</p>
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110004	NAD_1983_PA11_To_ASVD02_GEOID12B_Height	<p>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[1.6]]</p>	<p>COORDINATEOPERATION["NAD_1983_PA11_To_ASVD02_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGT HUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_NAD_1983_PA11",DYNAMICFRAMEEPOCH[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[1.6]]</p>
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110005	NAD_1983_MA11_To_GUVD04_GEOID12B_Height	<p>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[1.6]]</p>	<p>COORDINATEOPERATION["NAD_1983_MA11_To_GUVD04_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE["g2012bg0"],OPERATIONACCURACY[1.6]]</p>
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110006	NAD_1983_To_VIVD09_GEOID12B_Height	<p>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[2.0]]</p>	<p>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["Gravity-related 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[2.0]]</p>
110007	WGS_1984_To_EGM_1996_Geoid_1	<p>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[1.0]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563],LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[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[1.0]]</p>

110008	WGS_1984_To_EGM_1984_Geoid_1	<p>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]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_1",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[1990.5],MODEL["AM02"]],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]]</p>
110009	NGVD29_To_NAVD88_NAD27_ECW	<p>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]]</p>	<p>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",0.0174532925199433]],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]]</p>

110010	NGVD29_To_NAVD88_NAD83_East	<p>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]]</p>	<p>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[GEOGCS["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["vertcone.94"],OPERATIONACCURACY[0.02]]</p>
110011	NGVD29_To_NAVD88_NAD83_ECW	<p>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]]</p>	<p>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[GEOGCS["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]]</p>



110012	NGVD29_To_NAVD88_NAD83_Central	<p>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]]</p>	<p>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]]</p>
110013	NGVD29_To_NAVD88_NAD83_West	<p>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]]</p>	<p>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]]</p>

110014	NGVD29_To_NAVD88_HARN_East	<p>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]]</p>	<p>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[ellipsoid,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]]</p>
110015	NGVD29_To_NAVD88_HARN_ECW	<p>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]]</p>	<p>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[ellipsoid,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]]</p>

110016	NGVD29_To_NAVD88_HARN_Central	<p>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]]</p>	<p>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[ellipsoid,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]]</p>
110017	NGVD29_To_NAVD88_HARN_West	<p>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]]</p>	<p>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[ellipsoid,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]]</p>

110018	WGS_1984_To_WGS_1984_EGM2008_1x1_Height	<p>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[0.15]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_WGS_1984_EGM2008_1x1_Height",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563],LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["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[0.15]]</p>
110019	WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height	<p>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[0.5]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_WGS_1984_EGM2008_2.5x2.5_Height",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563],LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["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[0.5]]</p>

110020	GDA2020_Height_To_AHD_Height_AUSGeoid2020_1	<p>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]]</p>	<p>COORDINATEOPERATION["GDA2020_Height_To_AHD_Height_AUSGeoid2020_1",SOURCECRS[VERTCRS["GDA2020",DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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]]</p>
110021	ETRS89_Height_To_Oostende_Height_hBG18	<p>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]]</p>	<p>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["Gravity-related 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]]</p>

110022	D96_to_SVS2010_ht_SLO_VRP2016_Koper	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>
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110023	D96_to_SVS2000_ht_SLO_AMG2000E_Trst	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>
110024	NAVD88_Height_To_Depth	<p>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]]</p>	<p>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]]</p>

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[VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]],TARGETCRS[VERTCS["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[VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCS["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[VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCS["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]]



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]]

110031	NAD_1983_To_NAVD88_CONUS_GEOID12B_Height	<p>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[0.05]]</p>	<p>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["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[GEOGCS["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[0.05]]</p>
110032	NAD_1983_To_NAVD88_Alaska_GEOID12B_Height	<p>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[4.0]]</p>	<p>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["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[GEOGCS["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[4.0]]</p>

110033	NAD_1983_To_NAVD88_Hawaii_GEOID12B_Height	<p>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[2.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_To_NAVD88_Hawaii_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGT HUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE ["g2012bh0"],OPERATIONACCURACY[2.0]]</p>
110034	NAD_1983_To_PRVD02_GEOID12B_Height	<p>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[2.0]]</p>	<p>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["Gravity-related 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[2.0]]</p>

110035	NAD_1983_2011_To_VIVD09_GEOID12B_Height	<p>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[2.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_To_VIVD09_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_NAD_1983_2011",DYNAMICFRAMEEPOCH[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[2.0]]</p>
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110036	NAD_1983_MA11_To_NMVD03_GEOID12B_Height	<p>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[1.6]]</p>	<p>COORDINATEOPERATION["NAD_1983_MA11_To_NMVD03_GEOID12B_Height",SOURCECRS[VERTCRS["NAD_1983_MA11",DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["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[1.6]]</p>
110037	NGVD29_To_NAVD88_USFT_NAD27_ECW	<p>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["NAV88_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]]</p>	<p>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["NAV88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>

110038	NGVD29_To_NAVD88_Depth_USFT_NAD27_ECW	<p>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["NAV88_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]]</p>	<p>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["NAV88_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]]</p>
110039	NGVD29_To_NAVD88_Depth_NAD83_ECW	<p>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["NAV88_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]]</p>	<p>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["NAV88_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]]</p>

110040	NGVD29_To_NAVD88_USFT_NAD83_ECW	<p>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]]</p>	<p>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"],PARAMETER FILE["vertconecw.94"],OPERATIONACCURACY[0.02]]</p>
110041	NGVD29_To_NAVD88_Depth_USFT_NAD83_ECW	<p>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]]</p>	<p>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"],PARAMETER FILE["vertconecw.94"],OPERATIONACCURACY[0.02]]</p>

110042	NGVD29_To_NAVD88_Depth_HARN_ECW	<p>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]]</p>	<p>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]]</p>
110043	NGVD29_To_NAVD88_USFT_HARN_ECW	<p>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",0.3048006096012192]],VTMETHOD["VERTCON"],PARAMETER["Dataset_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]</p>	<p>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]]</p>



110044	NGVD29_To_NAVD88_Depth_USFT_HARN_ECW	<p>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]]</p>	<p>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]]</p>
110045	NGVD29_To_NAVD88_CORS96_ECW	<p>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]]</p>	<p>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]]</p>

110046	NGVD29_To_NAVD88_Depth_CORS96_ECW	<p>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]]</p>	<p>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]]</p>
110047	NGVD29_To_NAVD88_USFT_CORS96_ECW	<p>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]]</p>	<p>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]]</p>

110048	NGVD29_To_NAVD88_Depth_USFT_CORS96_ECW	<p>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]]</p>	<p>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]]</p>
110049	NGVD29_To_NAVD88_NSRS2007_ECW	<p>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]]</p>	<p>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]]</p>

110050	NGVD29_To_NAVD88_Depth_NSRS2007_EC W	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"],PARAMETER FILE["vertconecw.94"],OPERATIONACCURACY[0.02]]
110051	NGVD29_To_NAVD88_USFT_NSRS2007_EC W	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"],PARAMETER FILE["vertconecw.94"],OPERATIONACCURACY[0.02]]

110052	NGVD29_To_NAVD88_Depth_USFT_NSRS2007_ECW	<p>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["NAV88_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]]</p>	<p>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["NAV88_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]]</p>
110053	NGVD29_To_NAVD88_NAD83_2011_ECW	<p>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["NAV88",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]]</p>	<p>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["NAV88",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",DYNAMICFRAMEEPOCH[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]]</p>

110054	NGVD29_To_NAVD88_Depth_NAD83_2011_ECW	<p>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]]</p>	<p>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[GEOGCS["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]]</p>
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110055	NGVD29_To_NAVD88_USFT_NAD83_2011_ECW	<p>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["Datasec_vertconecw.94",0.0],OPERATIONALACCURACY[0.02]]</p>	<p>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"],OPERATIONALACCURACY[0.02]]</p>
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110056	NGVD29_To_NAVD88_Depth_USFT_NAD83_2011_ECW	<p>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]]</p>	<p>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]]</p>
110057	NGVD29_To_NAVD88_Depth_NAD27_ECW	<p>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]]</p>	<p>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]]</p>



110058	Baltic_height_To_LAS07_height	<p>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]]</p>	<p>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[GEOGCS["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",0.00000484813681109536]],PARAMETER["Inclination_East",0.03375,ANGLEUNIT["Arcsecond",0.00000484813681109536]]]</p>
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110059	JGD_2000_To_JGD_2000_Vertical_Height_1	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
110060	JGD_2011_To_JGD_2011_Vertical_Height_1	<p>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]]</p>	<p>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["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]]],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]]</p>

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["Gravity-related 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]]
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["Gravity-related 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]]

110063	Auckland_1946_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
110064	Bluff_1955_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>

110065	Dunedin_1958_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
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110066	Dunedin- Bluff_1960_Height_To_NZGD2000_Height_1	<p>VERTTRAN["Dunedin- Bluff_1960_Height_To_NZGD2000_Heigh t_1",GEOGCS["GCS_NZGD_2000",DATUM ["D_NZGD_2000",SPHEROID["GRS_1980" ,6378137.0,298.257222101]],PRIMEM["G reenwich",0.0],UNIT["Degree",0.0174532 925199433]],VERTCS["Dunedin_Bluff_19 60_height",VDATUM["Dunedin_Bluff_19 60"],PARAMETER["Vertical_Shift",0.0],PA RAMETER["Direction",1.0],UNIT["Meter", 1.0]],VERTCS["NZGD_2000",DATUM["D_ NZGD_2000",SPHEROID["GRS_1980",637 8137.0,298.257222101]],PARAMETER["V ertical_Shift",0.0],PARAMETER["Direc tion",1.0],UNIT["Meter",1.0]],VTMETHOD["G EOID"],PARAMETER["Dataset_Dunedin- Bluff_1960_to_nzgd2000",0.0],OPERATIO NACCURACY[0.12]]</p>	<p>COORDINATEOPERATION["Dunedin- Bluff_1960_Height_To_NZGD2000_Height_1",SOUR CECRS[VERTCRS["Dunedin_Bluff_1960_height",VDA TUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gr avity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VE RTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIP SOID["GRS_1980",6378137.0,298.257222101,LENGT HUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity- related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIO NCRS[GEOGCRS["GCS_NZGD_2000",DATUM["D_NZ GD_2000",ELLIPSOID["GRS_1980",6378137.0,298.25 7222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Gre enwich",0.0,ANGLEUNIT["Degree",0.017453292519 9433]],CS[ellipsoidal,2],AXIS["Latitude (lat)",north,ORDER[1]],AXIS["Longitude (lon)",east,ORDER[2]],ANGLEUNIT["Degree",0.01745 32925199433]]],METHOD["GEOID"],PARAMETERFILE ["Dunedin- Bluff_1960_to_nzgd2000"],OPERATIONACCURACY[0 .12]]</p>
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110067	Gisborne_1926_Height_To_NZGD2000_Height_1	<p>VERTTRAN["Gisborne_1926_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.25722101]],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",6378137.0,298.25722101]],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]]</p>	<p>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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
110068	Lyttelton_1937_Height_To_NZGD2000_Height_1	<p>VERTTRAN["Lyttelton_1937_Height_To_NZGD2000_Height_1",GEOGCS["GCS_NZGD_2000",DATUM["D_NZGD_2000",SPHEROID["GRS_1980",6378137.0,298.25722101]],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",6378137.0,298.25722101]],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]]</p>	<p>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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],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",6378137.0,298.25722101],LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

110069	Moturiki_1953_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
110070	Napier_1962_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>



110071	Nelson_1955_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
110072	One_Tree_Point_1964_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>

110073	Stewart_Island_1977_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
110074	Taranaki_1970_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>

110075	Wellington_1953_Height_To_NZGD2000_Height_1	<p>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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],INTERPOLATIONCRS[GEOGCS["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]]</p>
110076	CHTRF95_To_LHN95_Height	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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"],PARAMETERFILE["chgeo2004_ETRS"],OPERATIONACCURACY[0.03]]</p>

110077	NGVD29_ht_(m)_To_NAVD88_ht_NAD83_EC W	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]]
110078	NGVD29_ht_(m)_To_NAVD88_ht_2011_EC W	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",DYNAMICFRAMEEPOCH[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]]

110079	NGVD29_ht_(m)_To_NAVD88_ht_USFT_2011_ECW	<p>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["Datum_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]</p>	<p>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]]</p>
110080	NGVD29_ht_To_NAVD88_ht_IntlFt_NAD83_ECW	<p>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["Datum_vertconecw.94",0.0],OPERATIONACCURACY[0.02]]</p>	<p>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]]</p>

110081	NGVD29_ht_To_NAVD88_ht_IntlFt_2011_EC W	<p>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]]</p>	<p>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]]</p>
110082	ETRS89_To_EVRF2007_Height_EGG2015	<p>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]]</p>	<p>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["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["GEOID"],PARAMETERFILE["EGG2015-qg_g10m15m"],OPERATIONACCURACY[0.1]]</p>

110083	Newlyn_To_EVRS_2000_1	<p>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",54.58333333333334],PARAMETER["Inclination_North",0.044],PARAMETER["Inclination_East",0.0],OPERATIONACCURACY[0.1]]</p>	<p>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[GEOGCS["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",54.58333333333334,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]]</p>
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110084	WGS_1984_To_EGM_1996_Geoid_2	<p>VERTTRAN["WGS_1984_To_EGM_1996_Geoid_2",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIME M["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[1.05]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1996_Geoid_2",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIME M["Greenwich",0.0,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[1.05]]</p>
110085	WGS_1984_To_EGM_1984_Geoid_2	<p>VERTTRAN["WGS_1984_To_EGM_1984_Geoid_2",GEOGCS["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID["WGS_1984",6378137.0,298.257223563]],PRIME M["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]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_EGM_1984_Geoid_2",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],PRIME M["Greenwich",0.0,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]]</p>



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]]
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]]
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	<p>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]]</p>	<p>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]]</p>
110093	NZVD2009_To_Wellington_1	<p>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]]</p>	<p>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]]</p>
110094	NZVD2009_To_Lyttelton_1	<p>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]]</p>	<p>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]]</p>

110095	NZVD2009_To_Dunedin_1	<p>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]]</p>	<p>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]]</p>
110096	NZVD2009_To_Bluff_1	<p>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]]</p>	<p>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]]</p>
110097	NZVD2009_To_Stewart_Island_1	<p>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]]</p>	<p>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]]</p>

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]]
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[0.05]]	COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]],INTERPOLATIONCRS[GEOGCS["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[0.05]]

110101	NAD_1983_2011_Height_To_NAVD88_Depth_Alaska_GEOID12B	<p>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_Verticial_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]],VTMETHOD["GEOID"],PARAMETER["Dataset_g2012ba0",0.0],OPERATIONACCURACY[4.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS[VERTCRS["NAVD88_depth",VDATUM["North_American_Verticial_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[4.0]]</p>
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110102	NAD_1983_PA11_Height_To_NAVD88_Depth_Hawaii_GEOID12B	<p>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[2.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_PA11_Height_To_NAVD88_Depth_Hawaii_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_PA11",DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101],LENGTHUNIT["Meter",1.0]]],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]]]],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[2.0]]</p>
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110103	NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B	<p>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[0.05]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE["g2012bu0"],OPERATIONACCURACY[0.05]]</p>
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110104	NAD_1983_2011_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B	<p>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[4.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE["g2012ba0"],OPERATIONACCURACY[4.0]]</p>
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110105	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B	<p>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[0.05]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]]],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[0.05]]</p>
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110106	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B	<p>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[4.0]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]]],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[4.0]]</p>
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110107	NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B	<p>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[0.05]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]]],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[0.05]]</p>
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110108	NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID18	<p>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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]],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[0.015]]</p>
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110109	NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID18	<p>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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_USFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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["GEOID"],PARAMETERFILE["g2018u0"],OPERATIONACCURACY[0.015]]</p>
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110110	NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID18	<p>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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Depth_USFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]]],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[0.015]]</p>
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110111	NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID18	<p>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]],PRIME["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[0.015]]</p>	<p>COORDINATEOPERATION["NAD_1983_2011_Height_To_NAVD88_Height_IFT_CONUS_GEOID18",SOURCECRS[VERTCRS["NAD_1983_2011",DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],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]]]],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]]],PRIME["Greenwich",0.0,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[0.015]]</p>
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110112	NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013a)_Height	<p>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]]</p>	<p>COORDINATEOPERATION["NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013a)_Height",SOURC ECRS[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["Gravity-related 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]]</p>
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110113	NAD83(CSRS)_epoch2010_Height_To_CGVD2013(CGG2013)_Height	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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110114	NAD83(CSRS)v6_Height_To_CGVD28_Height_HT2	<p>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]]</p>	<p>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["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["GEOID"],PARAMETER["Interpolation_Type",30.0,SCALEUNIT["Unity",1.0]],PARAMETERFILE["HT2_2010v70"],OPERATIONACCURACY[0.05]]</p>
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110115	NAD83(CSRS)_epoch2010_Height_To_CGVD28_Height_HT2	<p>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]]</p>	<p>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["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[GEOGCS["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]]</p>
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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["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[GEOGCS["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]]
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110117	NAD83(CSRS)_epoch1997_Height_To_CGVD28_Height_HT2	<p>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]]</p>	<p>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["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[GEOGCS["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]]</p>
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110118	CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)v6	<p>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]]</p>	<p>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,LENGT HUNIT["Meter",1.0]],PRIMEM["Greenwich",0.0,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]]</p>
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110119	CGVD2013(CGG2013a)_epoch2010_Height_To_CGVD28_Height_NAD83(CSRS)	<p>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_CG2013a",0.0],OPERATIONACCURACY[0.06]]</p>	<p>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[GEOGCS["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_CG2013a"],OPERATIONACCURACY[0.06]]</p>
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110120	CGVD2013(CGG2013a)_epoch2002_Height_To_CGVD28_Height_NAD83(CSRS)	<p>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_CG2013a",0.0],OPERATIONACCURACY[0.061]]</p>	<p>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[GEOGCS["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_CG2013a"],OPERATIONACCURACY[0.061]]</p>
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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[GEOGCS["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]]
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110126	ETRS89_To_LHN95_Height_CHGeo2004	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
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110127	ETRF93_To_LHN95_Height_CHGeo2004	<p>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]]</p>	<p>COORDINATEOPERATION["ETRF93_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["ETRF93",DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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]]</p>
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110128	WGS_1984_To_LHN95_Height_CHGeo2004	<p>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]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_LHN95_Height_CHGeo2004",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[FRAMEPOCH[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]]</p>
110129	ETRS89_to_Baltic_1957_Height_1_SK	<p>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_Baltic_1957",0.0],OPERATIONACCURACY[0.03]]</p>	<p>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["Gravity-related 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]]</p>

110130	ETRS89_to_EVRF2007_Height_1_SK	<p>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]]</p>	<p>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["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[GEOGCS["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]]</p>
110131	NAD_1983_Height_To_NAVD88_Depth_CONUS_GEOID12B	<p>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["NAV88_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[0.05]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["NAV88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]],INTERPOLATIONCRS[GEOGCS["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[0.05]]</p>

110132	NAD_1983_Height_To_NAVD88_Depth_Alaska_GEOID12B_Height	<p>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[4.0]]</p>	<p>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["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]]]],INTERPOLATIONCRS[GEOGCS["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[4.0]]</p>
110133	NAD_1983_Height_To_NAVD88_Depth_Hawaii_GEOID12B_Height	<p>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[2.0]]</p>	<p>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["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]]]],INTERPOLATIONCRS[GEOGCS["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[2.0]]</p>

110134	NAD_1983_Height_To_NAVD88_Height_USFT_CONUS_GEOID12B	<p>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[0.05]]</p>	<p>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["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_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[0.05]]</p>
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110135	NAD_1983_Height_To_NAVD88_Height_USFT_Alaska_GEOID12B_Height	<p>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[4.0]]</p>	<p>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["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[GEOGCS["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[4.0]]</p>
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110136	NAD_1983_Height_To_NAVD88_Depth_USFT_CONUS_GEOID12B	<p>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_dept_h_(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[0.05]]</p>	<p>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["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]]]],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[0.05]]</p>
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110137	NAD_1983_Height_To_NAVD88_Depth_USFT_Alaska_GEOID12B_Height	<p>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[4.0]]</p>	<p>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["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]]]],INTERPOLATIONCRS[GEOGCS["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[4.0]]</p>
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110138	NAD_1983_Height_To_NAVD88_Height_IFT_CONUS_GEOID12B	<p>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[0.05]]</p>	<p>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["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]]]],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[0.05]]</p>
110139	Estonia_1997_height_To_EVRF2007_height_EGM96	<p>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]]</p>	<p>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["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_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]]</p>

110140	Estonia_1997_height_To_EVRF2007_height_EGM2008	<p>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",0.0],OPERATIONACCURACY[1.0]]</p>	<p>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["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[GEOGCS["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]]</p>
110141	ETRS89_Height_To_Cascais_Height_GeodPT08	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>

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["Gravity-related 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[GEOGCS["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]]
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["Gravity-related 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[GEOGCS["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	PTRAO8_Height_To_Cais_da_Madalena_Height_GeodAz2014	<p>VERTTRAN["PTRAO8_Height_To_Cais_da_Madalena_Height_GeodAz2014",GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.25722101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.25722101]],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]]</p>	<p>COORDINATEOPERATION["PTRAO8_Height_To_Cais_da_Madalena_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
110145	PTRAO8_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014	<p>VERTTRAN["PTRAO8_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014",GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.25722101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.25722101]],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]]</p>	<p>COORDINATEOPERATION["PTRAO8_Height_To_Santa_Cruz_da_Graciosa_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.25722101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

110146	PTRAO8_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014	<p>VERTTRAN["PTRAO8_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014",GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRAO8",DATUM["D_PTRAO8",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]]</p>	<p>COORDINATEOPERATION["PTRAO8_Height_To_Cais_da_Figueirinha-Angra_do_Heroismo_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
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110147	PTRAO8_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014	<p>VERTTRAN["PTRAO8_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014",GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRAO8",DATUM["D_PTRAO8",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]]</p>	<p>COORDINATEOPERATION["PTRAO8_Height_To_Cais_da_Vila_do_Porto_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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_PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>
110148	PTRAO8_Height_To_Ponta_Delgada_Height_GeodAz2014	<p>VERTTRAN["PTRAO8_Height_To_Ponta_Delgada_Height_GeodAz2014",GEOGCS["GCS_PTRAO8",DATUM["D_PTRAO8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],VERTCS["PTRAO8",DATUM["D_PTRAO8",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]]</p>	<p>COORDINATEOPERATION["PTRAO8_Height_To_Ponta_Delgada_Height_GeodAz2014",SOURCECRS[VERTCRS["PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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_PTRAO8",DATUM["D_PTRAO8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],PRIMEM["Greenwich",0.0,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]]</p>

110149	ETRS89_To_British_Isles_Height_OSGM15_GB	<p>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[0.03]]</p>	<p>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["Gravity-related 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[0.03]]</p>
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110150	ETRS89_To_British_Isles_Height_OSGM15_Belfast	<p>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]]</p>	<p>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["Gravity-related 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]]</p>
110152	LKS_1992_To_Latvia_2000_Height_LV14	<p>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]]</p>	<p>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["Gravity-related 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]]</p>

110153	LKS_1994_To_LAS07_Height_LIT20G	<p>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]]</p>	<p>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["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[GEOGCS["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]]</p>
110154	Estonia_1997_To_EH2000_Height_EST-GEOID2017	<p>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]]</p>	<p>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["Gravity-related 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[GEOGCS["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]]</p>

110155	CHTRF95_To_LN02_Height_CHGeo2004_Htrans_2	<p>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]]</p>	<p>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,LENGT HUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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]]</p>
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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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]],TARGETCRS["VRTCRS["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]]
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110157	ETRF93_To_LN02_Height_CHGeo2004_Htrans_2	<p>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]]</p>	<p>COORDINATEOPERATION["ETRF93_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["ETRF93"],DATUM["European_Terrestrial_Reference_Frame_1993"],ELLIPSOID["GRS_1980",6378137.0,298.257222101],LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["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]]</p>
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110158	WGS_1984_To_LN02_Height_CHGeo2004_Htrans_2	<p>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]]</p>	<p>COORDINATEOPERATION["WGS_1984_To_LN02_Height_CHGeo2004_Htrans_2",SOURCECRS[VERTCRS["WGS_1984",DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Gravity-related 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[GEOGCS["GCS_WGS_1984",DYNAMIC[FRAMEPOCH[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]]</p>
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110159	CH1903+_To_LN02_Height_CHGeo2004_Htrans	<p>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["Landesnivelllement_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]]</p>	<p>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["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]],TARGETCRS[VERTCRS["LN_1902",VDATUM["Landesnivelllement_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]]</p>
110160	CH1903+_To_LHN95_Height_CHGeo2004	<p>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]]</p>	<p>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["Gravity-related 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]]</p>

