Vertical coordinate systems

ArcGIS Enterprise 11.4

Each vertical coordinate system used by the ArcGIS REST API has a well-known ID (WKID), a name, and the well-known textual definitions (WKT1 and WKT2). These are described in the following table:

WKID	Name	WKT1	WKT2
3855	EGM2008_Geoid	VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
3886	Fao_1979	VERTCS["Fao_1979",VDATUM["Fao_1979"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fao_1979",VDATUM["Fao_1979"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
3900	N2000_height	VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
4440	NZVD2009_height	VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
4458	Dunedin_Bluff_1960_height	VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5193	KVD1964_Height	VERTCS["KVD1964_Height",VDATUM["Korean_Vertical_Datum_1964"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KVD1964_Height",VDATUM["Korean_Vertical_Datum_1964"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5195	Trieste_height	VERTCS["Trieste_height",VDATUM["Trieste"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Trieste_height",VDATUM["Trieste"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5214	Genoa_height	VERTCS["Genoa_height",VDATUM["Genoa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Genoa_height",VDATUM["Genoa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5237	SLVD_height	VERTCS["SLVD_height",VDATUM["Sri_Lanka_Vertical_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SLVD_height",VDATUM["Sri_Lanka_Vertical_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5317	FVR09_height	VERTCS["FVR09_height",VDATUM["Faroe_Islands_Vertical_Reference_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["FVR09_height",VDATUM["Faroe_Islands_Vertical_Reference_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5336	Black_Sea_Depth	VERTCS["Black_Sea_Depth",VDATUM["Black_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Black_Sea_Depth",VDATUM["Black_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5597	FCSVR10_Height	VERTCS["FCSVR10_Height",VDATUM["Fehmarnbelt_Vertical_Reference_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["FCSVR10_Height",VDATUM["Fehmarnbelt_Vertical_Reference_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5600	NGPF	VERTCS["NGPF",VDATUM["Nivellement_General_de_Polynesie_Francaise"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGPF",VDATUM["Nivellement_General_de_Polynesie_Francaise"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5601	IGN_1966	VERTCS["IGN_1966",VDATUM["IGN_1966"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1966",VDATUM["IGN_1966"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5602	Moorea_SAU_1981	VERTCS["Moorea_SAU_1981",VDATUM["Moorea_SAU_1981"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Moorea_SAU_1981",VDATUM["Moorea_SAU_1981"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5603	Raiatea_SAU_2001	VERTCS["Raiatea_SAU_2001",VDATUM["Raiatea_SAU_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Raiatea_SAU_2001",VDATUM["Raiatea_SAU_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5604	Maupiti_SAU_2001	VERTCS["Maupiti_SAU_2001",VDATUM["Maupiti_SAU_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Maupiti_SAU_2001",VDATUM["Maupiti_SAU_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5605	Huahine_SAU_2001	VERTCS["Huahine_SAU_2001",VDATUM["Huahine_SAU_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Huahine_SAU_2001",VDATUM["Huahine_SAU_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5606	Tahaa_SAU_2001	VERTCS["Tahaa_SAU_2001",VDATUM["Tahaa_SAU_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Tahaa_SAU_2001",VDATUM["Tahaa_SAU_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5607	Bora_Bora_SAU_2001	VERTCS["Bora_Bora_SAU_2001",VDATUM["Bora_Bora_SAU_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Bora_Bora_SAU_2001",VDATUM["Bora_Bora_SAU_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5608	IGLD_1955	VERTCS["IGLD_1955",VDATUM["International_Great_Lakes_Datum_1955"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGLD_1955",VDATUM["International_Great_Lakes_Datum_1955"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5609	IGLD_1985	VERTCS["IGLD_1985",VDATUM["International_Great_Lakes_Datum_1985"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGLD_1985",VDATUM["International_Great_Lakes_Datum_1985"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5610	HVRS_1971	VERTCS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["HVRS_1971",VDATUM["Croatian_Vertical_Reference_System_1971"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5611	Caspian_height	VERTCS["Caspian_height",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Caspian_height",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5612	Baltic_depth	VERTCS["Baltic_depth",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic_depth",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5613	RH2000	VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5614	KOC_WD_depth_ft	VERTCS["KOC_WD_depth_ft",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot",0.3048]]	VERTCRS["KOC_WD_depth_ft",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot",0.3048]]]
5615	RH1900	VERTCS["RH1900",VDATUM["Rikets_Hojdsystem_1900"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RH1900",VDATUM["Rikets_Hojdsystem_1900"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5616	IGN_1988_LS	VERTCS["IGN_1988_LS",VDATUM["IGN_1988_LS"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1988_LS",VDATUM["IGN_1988_LS"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5617	IGN_1988_MG	VERTCS["IGN_1988_MG",VDATUM["IGN_1988_MG"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1988_MG",VDATUM["IGN_1988_MG"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5618	IGN_1992_LD	VERTCS["IGN_1992_LD",VDATUM["IGN_1992_LD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1992_LD",VDATUM["IGN_1992_LD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5619	IGN_1988_SB	VERTCS["IGN_1988_SB",VDATUM["IGN_1988_SB"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1988_SB",VDATUM["IGN_1988_SB"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5620	IGN_1988_SM	VERTCS["IGN_1988_SM",VDATUM["IGN_1988_SM"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1988_SM",VDATUM["IGN_1988_SM"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5621	EVRF_2007	VERTCS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EVRF_2007",VDATUM["European_Vertical_Reference_Frame_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5701	Newlyn	VERTCS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Newlyn",VDATUM["Ordnance_Datum_Newlyn"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5702	NGVD_1929	VERTCS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["NGVD_1929",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
5703	NAVD_1988	VERTCS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAVD_1988",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5704	Yellow_Sea_1956	VERTCS["Yellow_Sea_1956",VDATUM["Yellow_Sea_1956"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Yellow_Sea_1956",VDATUM["Yellow_Sea_1956"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5705	Baltic	VERTCS["Baltic",VDATUM["Baltic_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic",VDATUM["Baltic_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5706	Caspian	VERTCS["Caspian",VDATUM["Caspian_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Caspian",VDATUM["Caspian_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5709	NAP	VERTCS["NAP",VDATUM["Normaal_Amsterdams_Peil"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAP",VDATUM["Normaal_Amsterdams_Peil"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5710	Oostende	VERTCS["Oostende",VDATUM["Oostende"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Oostende",VDATUM["Oostende"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5711	AHD	VERTCS["AHD",VDATUM["Australian_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["AHD",VDATUM["Australian_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5712	AHD_Tasmania	VERTCS["AHD_Tasmania",VDATUM["Australian_Height_Datum_Tasmania"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["AHD_Tasmania",VDATUM["Australian_Height_Datum_Tasmania"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5713	CGVD_1928	VERTCS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CGVD_1928",VDATUM["Canadian_Geodetic_Vertical_Datum_of_1928"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5714	MSL_Height	VERTCS["MSL_Height",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MSL_Height",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5715	MSL_Depth	VERTCS["MSL_Depth",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MSL_Depth",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5716	Piraeus	VERTCS["Piraeus",VDATUM["Piraeus_Harbour_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Piraeus",VDATUM["Piraeus_Harbour_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5717	N60	VERTCS["N60",VDATUM["Helsinki_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["N60",VDATUM["Helsinki_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5718	RH70	VERTCS["RH70",VDATUM["Rikets_Hojdsystem_1970"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RH70",VDATUM["Rikets_Hojdsystem_1970"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5719	NGF_Lallemand	VERTCS["NGF_Lallemand",VDATUM["Nivellement_General_de_la_France_Lallemand"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGF_Lallemand",VDATUM["Nivellement_General_de_la_France_Lallemand"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5720	NGF_IGN69	VERTCS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGF_IGN69",VDATUM["Nivellement_General_de_la_France_IGN69"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5721	NGF_IGN78	VERTCS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGF_IGN78",VDATUM["Nivellement_General_de_la_France_IGN78"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5722	Maputo	VERTCS["Maputo",VDATUM["Maputo"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Maputo",VDATUM["Maputo"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5723	Japanese_Standard_Levelling_Datum_1969	VERTCS["Japanese_Standard_Levelling_Datum_1969",VDATUM["Japanese_Standard_Levelling_Datum_1969"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Japanese_Standard_Levelling_Datum_1969",VDATUM["Japanese_Standard_Levelling_Datum_1969"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5724	PDO_Height_Datum_1993	VERTCS["PDO_Height_Datum_1993",VDATUM["PDO_Height_Datum_1993"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PDO_Height_Datum_1993",VDATUM["PDO_Height_Datum_1993"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5725	Fahud_Height_Datum_1993	VERTCS["Fahud_Height_Datum_1993",VDATUM["Fahud_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fahud_Height_Datum_1993",VDATUM["Fahud_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5726	Ha_Tien_1960	VERTCS["Ha_Tien_1960",VDATUM["Ha_Tien_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ha_Tien_1960",VDATUM["Ha_Tien_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5727	Hon_Dau_1992	VERTCS["Hon_Dau_1992",VDATUM["Hon_Dau_1992"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Hon_Dau_1992",VDATUM["Hon_Dau_1992"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5728	LN_1902	VERTCS["LN_1902",VDATUM["Landesnivellement_1902"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LN_1902",VDATUM["Landesnivellement_1902"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5729	LHN95	VERTCS["LHN95",VDATUM["Landeshohennetz_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LHN95",VDATUM["Landeshohennetz_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5730	EVRS_2000	VERTCS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EVRS_2000",VDATUM["European_Vertical_Reference_Frame_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5731	Malin_Head	VERTCS["Malin_Head",VDATUM["Malin_Head"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Malin_Head",VDATUM["Malin_Head"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5732	Belfast	VERTCS["Belfast",VDATUM["Belfast"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Belfast",VDATUM["Belfast"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5733	Dansk_Normal_Nul	VERTCS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Dansk_Normal_Nul",VDATUM["Dansk_Normal_Nul"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5734	AIOC95_Depth	VERTCS["AIOC95_Depth",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["AIOC95_Depth",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5735	Black_Sea	VERTCS["Black_Sea",VDATUM["Black_Sea"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Black_Sea",VDATUM["Black_Sea"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5736	Yellow_Sea_1956	VERTCS["Yellow_Sea_1956",VDATUM["Yellow_Sea_1956"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Yellow_Sea_1956",VDATUM["Yellow_Sea_1956"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5737	Yellow_Sea_1985	VERTCS["Yellow_Sea_1985",VDATUM["Yellow_Sea_1985"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Yellow_Sea_1985",VDATUM["Yellow_Sea_1985"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5738	Hong_Kong_Principal_Datum	VERTCS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Hong_Kong_Principal_Datum",VDATUM["Hong_Kong_Principal_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5739	Hong_Kong_Chart_Datum	VERTCS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Hong_Kong_Chart_Datum",VDATUM["Hong_Kong_Chart_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5740	Newlyn_Orkney_Isles	VERTCS["Newlyn_Orkney_Isles",VDATUM["Ordnance_Datum_Newlyn_Orkney_Isles"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Newlyn_Orkney_Isles",VDATUM["Ordnance_Datum_Newlyn_Orkney_Isles"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5741	Fair_Isle	VERTCS["Fair_Isle",VDATUM["Fair_Isle"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fair_Isle",VDATUM["Fair_Isle"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5742	Lerwick	VERTCS["Lerwick",VDATUM["Lerwick"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lerwick",VDATUM["Lerwick"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5743	Foula	VERTCS["Foula",VDATUM["Foula"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Foula",VDATUM["Foula"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5744	Sule_Skerry	VERTCS["Sule_Skerry",VDATUM["Sule_Skerry"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Sule_Skerry",VDATUM["Sule_Skerry"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5745	North_Rona	VERTCS["North_Rona",VDATUM["North_Rona"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["North_Rona",VDATUM["North_Rona"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5746	Stornoway	VERTCS["Stornoway",VDATUM["Stornoway"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Stornoway",VDATUM["Stornoway"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5747	St_Kilda	VERTCS["St_Kilda",VDATUM["St_Kilda"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["St_Kilda",VDATUM["St_Kilda"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5748	Flannan_Isles	VERTCS["Flannan_Isles",VDATUM["Flannan_Isles"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Flannan_Isles",VDATUM["Flannan_Isles"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5749	St_Marys	VERTCS["St_Marys",VDATUM["St_Marys"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["St_Marys",VDATUM["St_Marys"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5750	Douglas	VERTCS["Douglas",VDATUM["Douglas"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Douglas",VDATUM["Douglas"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5751	Fao	VERTCS["Fao",VDATUM["Fao"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fao",VDATUM["Fao"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5752	Bandar_Abbas	VERTCS["Bandar_Abbas",VDATUM["Bandar_Abbas"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Bandar_Abbas",VDATUM["Bandar_Abbas"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5753	NGNC	VERTCS["NGNC",VDATUM["Nivellement_General_de_Nouvelle_Caledonie"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGNC",VDATUM["Nivellement_General_de_Nouvelle_Caledonie"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5754	Poolbeg	VERTCS["Poolbeg",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_British_1936",0.3048007491]]	VERTCRS["Poolbeg",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_British_1936",0.3048007491]]]
5755	NGG_1977	VERTCS["NGG_1977",VDATUM["Nivellement_General_Guyanais_1977"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGG_1977",VDATUM["Nivellement_General_Guyanais_1977"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5756	IGN_1987	VERTCS["IGN_1987",VDATUM["IGN_1987"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1987",VDATUM["IGN_1987"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5757	IGN_1988	VERTCS["IGN_1988",VDATUM["IGN_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1988",VDATUM["IGN_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5758	IGN_1989	VERTCS["IGN_1989",VDATUM["IGN_1989"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_1989",VDATUM["IGN_1989"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5759	Auckland	VERTCS["Auckland",VDATUM["Auckland"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Auckland",VDATUM["Auckland"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5760	Bluff	VERTCS["Bluff",VDATUM["Bluff"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Bluff",VDATUM["Bluff"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5761	Dunedin	VERTCS["Dunedin",VDATUM["Dunedin"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Dunedin",VDATUM["Dunedin"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5762	Gisborne	VERTCS["Gisborne",VDATUM["Gisborne"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Gisborne",VDATUM["Gisborne"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5763	Lyttelton	VERTCS["Lyttelton",VDATUM["Lyttelton"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lyttelton",VDATUM["Lyttelton"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5764	Moturiki	VERTCS["Moturiki",VDATUM["Moturiki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Moturiki",VDATUM["Moturiki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5765	Napier	VERTCS["Napier",VDATUM["Napier"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Napier",VDATUM["Napier"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5766	Nelson	VERTCS["Nelson",VDATUM["Nelson"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Nelson",VDATUM["Nelson"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5767	One_Tree_Point	VERTCS["One_Tree_Point",VDATUM["One_Tree_Point"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["One_Tree_Point",VDATUM["One_Tree_Point"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5768	Tararu	VERTCS["Tararu",VDATUM["Tararu"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Tararu",VDATUM["Tararu"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5769	Taranaki	VERTCS["Taranaki",VDATUM["Taranaki"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Taranaki",VDATUM["Taranaki"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5770	Wellington	VERTCS["Wellington",VDATUM["Wellington"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Wellington",VDATUM["Wellington"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5771	Chatham_Island	VERTCS["Chatham_Island",VDATUM["Chatham_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Chatham_Island",VDATUM["Chatham_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5772	Stewart_Island	VERTCS["Stewart_Island",VDATUM["Stewart_Island"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Stewart_Island",VDATUM["Stewart_Island"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5773	EGM96_Geoid	VERTCS["EGM96_Geoid",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EGM96_Geoid",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5774	NG95_height	VERTCS["NG95_height",VDATUM["Nivellement_General_du_Luxembourg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NG95_height",VDATUM["Nivellement_General_du_Luxembourg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5775	Antalya	VERTCS["Antalya",VDATUM["Antalya"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Antalya",VDATUM["Antalya"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5776	NN54	VERTCS["NN54",VDATUM["Norway_Normal_Null_1954"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NN54",VDATUM["Norway_Normal_Null_1954"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5777	Durres	VERTCS["Durres",VDATUM["Durres"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Durres",VDATUM["Durres"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5778	GHA	VERTCS["GHA",VDATUM["Gebrauchshohen_Adria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GHA",VDATUM["Gebrauchshohen_Adria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5779	SVS2000	VERTCS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SVS2000",VDATUM["Slovenian_Vertical_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5780	Cascais	VERTCS["Cascais",VDATUM["Cascais"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cascais",VDATUM["Cascais"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5781	Constanta	VERTCS["Constanta",VDATUM["Constanta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Constanta",VDATUM["Constanta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5782	Alicante	VERTCS["Alicante",VDATUM["Alicante"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Alicante",VDATUM["Alicante"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5783	DHHN92	VERTCS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DHHN92",VDATUM["Deutsches_Haupthoehennetz_1992"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5784	DHHN85	VERTCS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DHHN85",VDATUM["Deutsches_Haupthoehennetz_1985"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5785	SNN76	VERTCS["SNN76",VDATUM["SNN76"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SNN76",VDATUM["SNN76"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5786	Baltic_1982	VERTCS["Baltic_1982",VDATUM["Baltic_1982"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic_1982",VDATUM["Baltic_1982"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5787	EOMA_1980	VERTCS["EOMA_1980",VDATUM["Baltic_1980"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EOMA_1980",VDATUM["Baltic_1980"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5788	Kuwait_PWD	VERTCS["Kuwait_PWD",VDATUM["Kuwait_PWD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Kuwait_PWD",VDATUM["Kuwait_PWD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5789	KOC_Well_Datum	VERTCS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["KOC_Well_Datum",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5790	KOC_Construction_Datum	VERTCS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KOC_Construction_Datum",VDATUM["KOC_Construction_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5791	NGC_1948	VERTCS["NGC_1948",VDATUM["Nivellement_General_de_la_Corse_1948"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGC_1948",VDATUM["Nivellement_General_de_la_Corse_1948"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5792	Danger_1950	VERTCS["Danger_1950",VDATUM["Danger_1950"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Danger_1950",VDATUM["Danger_1950"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5793	Mayotte_1950	VERTCS["Mayotte_1950",VDATUM["Mayotte_1950"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Mayotte_1950",VDATUM["Mayotte_1950"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5794	Martinique_1955	VERTCS["Martinique_1955",VDATUM["Martinique_1955"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Martinique_1955",VDATUM["Martinique_1955"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5795	Guadeloupe_1951	VERTCS["Guadeloupe_1951",VDATUM["Guadeloupe_1951"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Guadeloupe_1951",VDATUM["Guadeloupe_1951"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5796	Lagos_1955	VERTCS["Lagos_1955",VDATUM["Lagos_1955"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lagos_1955",VDATUM["Lagos_1955"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5797	AIOC95_Height	VERTCS["AIOC95_Height",VDATUM["AIOC_1995"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["AIOC95_Height",VDATUM["AIOC_1995"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5798	EGM84_Geoid	VERTCS["EGM84_Geoid",VDATUM["EGM84_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EGM84_Geoid",VDATUM["EGM84_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5799	DVR90	VERTCS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5829	Instantaneous_Water_Level_Height	VERTCS["Instantaneous_Water_Level_Height",VDATUM["Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Instantaneous_Water_Level_Height",VDATUM["Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5831	Instantaneous_Water_Level_Depth	VERTCS["Instantaneous_Water_Level_Depth",VDATUM["Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Instantaneous_Water_Level_Depth",VDATUM["Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5843	Ras_Ghumays_height	VERTCS["Ras_Ghumays_height",VDATUM["Ras_Ghumays"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ras_Ghumays_height",VDATUM["Ras_Ghumays"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5861	LAT_Depth	VERTCS["LAT_Depth",VDATUM["Lowest_Astronomic_Tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["LAT_Depth",VDATUM["Lowest_Astronomic_Tide"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5862	LLWLT_Depth	VERTCS["LLWLT_Depth",VDATUM["Lower_Low_Water_Large_Tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["LLWLT_Depth",VDATUM["Lower_Low_Water_Large_Tide"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5863	ISLW_Depth	VERTCS["ISLW_Depth",VDATUM["Indian_Spring_Low_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["ISLW_Depth",VDATUM["Indian_Spring_Low_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5864	MLLWS_Depth	VERTCS["MLLWS_Depth",VDATUM["Mean_Lower_Low_Water_Spring_Tides"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MLLWS_Depth",VDATUM["Mean_Lower_Low_Water_Spring_Tides"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5865	MLWS_Depth	VERTCS["MLWS_Depth",VDATUM["Mean_Low_Water_Spring_Tides"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MLWS_Depth",VDATUM["Mean_Low_Water_Spring_Tides"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5866	MLLW_Depth	VERTCS["MLLW_Depth",VDATUM["Mean_Lower_Low_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MLLW_Depth",VDATUM["Mean_Lower_Low_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5867	MLW_Depth	VERTCS["MLW_Depth",VDATUM["Mean_Low_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MLW_Depth",VDATUM["Mean_Low_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
5868	MHW_Height	VERTCS["MHW_Height",VDATUM["Mean_High_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MHW_Height",VDATUM["Mean_High_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5869	MHHW_Height	VERTCS["MHHW_Height",VDATUM["Mean_Higher_High_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MHHW_Height",VDATUM["Mean_Higher_High_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5870	MHWS_Height	VERTCS["MHWS_Height",VDATUM["Mean_High_Water_Spring_Tides"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MHWS_Height",VDATUM["Mean_High_Water_Spring_Tides"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5871	HHWLT_Height	VERTCS["HHWLT_Height",VDATUM["Higher_High_Water_Large_Tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["HHWLT_Height",VDATUM["Higher_High_Water_Large_Tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5872	HAT_Height	VERTCS["HAT_Height",VDATUM["Highest_Astronomic_Tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["HAT_Height",VDATUM["Highest_Astronomic_Tide"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5873	Low_Water_Depth	VERTCS["Low_Water_Depth",VDATUM["Low_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Low_Water_Depth",VDATUM["Low_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
5874	High_Water_Height	VERTCS["High_Water_Height",VDATUM["High_Water"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["High_Water_Height",VDATUM["High_Water"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
5941	NN2000_height	VERTCS["NN2000_height",VDATUM["Norway_Normal_Null_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NN2000_height",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Norway_Normal_Null_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6130	GCVD54_height	VERTCS["GCVD54_height",VDATUM["Grand_Cayman_Vertical_Datum_1954"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["GCVD54_height",VDATUM["Grand_Cayman_Vertical_Datum_1954"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]

WKID	Name	WKT1	WKT2
6131	LCVD61_height	VERTCS["LCVD61_height",VDATUM["Little_Cayman_Vertical_Datum_1961"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["LCVD61_height",VDATUM["Little_Cayman_Vertical_Datum_1961"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
6132	CBVD61_height	VERTCS["CBVD61_height",VDATUM["Cayman_Brac_Vertical_Datum_1961"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["CBVD61_height",VDATUM["Cayman_Brac_Vertical_Datum_1961"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
6178	Cais_da_Pontinha-Funchal_height	VERTCS["Cais_da_Pontinha-Funchal_height",VDATUM["Cais_da_Pontinha-Funchal"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cais_da_Pontinha-Funchal_height",VDATUM["Cais_da_Pontinha-Funchal"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6179	Cais_da_Vila-Porto_Santo_height	VERTCS["Cais_da_Vila-Porto_Santo_height",VDATUM["Cais_da_Vila-Porto_Santo"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cais_da_Vila-Porto_Santo_height",VDATUM["Cais_da_Vila-Porto_Santo"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6180	Cais_das_Velas_height	VERTCS["Cais_das_Velas_height",VDATUM["Cais_das_Velas"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cais_das_Velas_height",VDATUM["Cais_das_Velas"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6181	Horta_height	VERTCS["Horta_height",VDATUM["Horta"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Horta_height",VDATUM["Horta"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6182	Cais_da_Madalena_height	VERTCS["Cais_da_Madalena_height",VDATUM["Cais_da_Madalena"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cais_da_Madalena_height",VDATUM["Cais_da_Madalena"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6183	Santa_Cruz_da_Graciosa_height	VERTCS["Santa_Cruz_da_Graciosa_height",VDATUM["Santa_Cruz_da_Graciosa"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Santa_Cruz_da_Graciosa_height",VDATUM["Santa_Cruz_da_Graciosa"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
6184	Cais_da_Figueirinha-Angra_do_Heroismo_height	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]]	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]]]
6185	Santa_Cruz_das_Flores_height	VERTCS["Santa_Cruz_das_Flores_height",VDATUM["Santa_Cruz_das_Flores"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Santa_Cruz_das_Flores_height",VDATUM["Santa_Cruz_das_Flores"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6186	Cais_da_Vila_do_Porto_height	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]]	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]]]
6187	Ponta_Delgada_height	VERTCS["Ponta_Delgada_height",VDATUM["Ponta_Delgada"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ponta_Delgada_height",VDATUM["Ponta_Delgada"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6357	NAVD88_depth	VERTCS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["NAVD88_depth",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
6358	NAVD88_depth_(ftUS)	VERTCS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["NAVD88_depth_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]
6359	NGVD29_depth	VERTCS["NGVD29_depth",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["NGVD29_depth",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]

WKID	Name	WKT1	WKT2
6360	NAVD88_height_(ftUS)	VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
6638	Tutuila_1962_height	VERTCS["Tutuila_1962_height",VDATUM["Tutuila_Vertical_Datum_of_1962"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Tutuila_1962_height",VDATUM["Tutuila_Vertical_Datum_of_1962"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6639	Guam_1963_height	VERTCS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Guam_1963_height",VDATUM["Guam_Vertical_Datum_of_1963"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6640	NMVD03_height	VERTCS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NMVD03_height",VDATUM["Northern_Marianas_Vertical_Datum_of_2003"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6641	PRVD02_height	VERTCS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PRVD02_height",VDATUM["Puerto_Rico_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6642	VIVD09_height	VERTCS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["VIVD09_height",VDATUM["Virgin_Islands_Vertical_Datum_of_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6643	ASVD02_height	VERTCS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ASVD02_height",VDATUM["American_Samoa_Vertical_Datum_of_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6644	GUVD04_height	VERTCS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GUVD04_height",VDATUM["Guam_Vertical_Datum_of_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
6647	CGVD2013_height	VERTCS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CGVD2013_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6693	JSLD72_height	VERTCS["JSLD72_height",VDATUM["Japanese_Standard_Levelling_Datum_1972"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["JSLD72_height",VDATUM["Japanese_Standard_Levelling_Datum_1972"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6694	JGD2000_vertical_height	VERTCS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["JGD2000_vertical_height",VDATUM["Japanese_Geodetic_Datum_2000_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6695	JGD2011_vertical_height	VERTCS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["JGD2011_vertical_height",VDATUM["Japanese_Geodetic_Datum_2011_vertical"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
6916	SHD_height	VERTCS["SHD_height",VDATUM["Singapore_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SHD_height",VDATUM["Singapore_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7446	Famagusta_1960_(height)	VERTCS["Famagusta_1960_(height)",VDATUM["Famagusta_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Famagusta_1960_(height)",VDATUM["Famagusta_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7447	PNG08_(height)	VERTCS["PNG08_(height)",VDATUM["Papua_New_Guinea_2008"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PNG08_(height)",VDATUM["Papua_New_Guinea_2008"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7651	Kumul_34_(height)	VERTCS["Kumul_34_(height)",VDATUM["Kumul_34"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Kumul_34_(height)",VDATUM["Kumul_34"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
7652	Kiunga_(height)	VERTCS["Kiunga_(height)",VDATUM["Kiunga"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Kiunga_(height)",VDATUM["Kiunga"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7699	DHHN12_(height)	VERTCS["DHHN12_(height)",VDATUM["Deutsches_Haupthoehennetz_1912"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DHHN12_(height)",VDATUM["Deutsches_Haupthoehennetz_1912"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7700	Latvia_2000_(height)	VERTCS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Latvia_2000_(height)",VDATUM["Latvian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7707	ODN_(Offshore)_(height)	VERTCS["ODN_(Offshore)_(height)",VDATUM["Ordnance_Datum_Newlyn_(Offshore)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ODN_(Offshore)_(height)",VDATUM["Ordnance_Datum_Newlyn_(Offshore)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7832	POM96_height	VERTCS["POM96_height",VDATUM["Port_Moresby_1996"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POM96_height",VDATUM["Port_Moresby_1996"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7837	DHHN2016_(height)	VERTCS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DHHN2016_(height)",VDATUM["Deutsches_Haupthoehennetz_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7839	NZVD2016_height	VERTCS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NZVD2016_height",VDATUM["New_Zealand_Vertical_Datum_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7841	POM08_height	VERTCS["POM08_height",VDATUM["Port_Moresby_2008"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POM08_height",VDATUM["Port_Moresby_2008"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7888	Jamestown_1971_height	VERTCS["Jamestown_1971_height",VDATUM["Jamestown_1971"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Jamestown_1971_height",VDATUM["Jamestown_1971"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
7889	St_Helena_Tritan_2011_height	VERTCS["St_Helena_Tritan_2011_height",VDATUM["St_Helena_Tritan_Vertical_Datum_2011"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["St_Helena_Tritan_2011_height",VDATUM["St_Helena_Tritan_Vertical_Datum_2011"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7890	SHVD2015_height	VERTCS["SHVD2015_height",VDATUM["St_Helena_Vertical_Datum_2015"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SHVD2015_height",VDATUM["St_Helena_Vertical_Datum_2015"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7962	Poolbeg_height_(m)	VERTCS["Poolbeg_height_(m)",VDATUM["Poolbeg"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Poolbeg_height_(m)",VDATUM["Poolbeg"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7968	NGVD_1929_height_(m)	VERTCS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGVD_1929_height_(m)",VDATUM["National_Geodetic_Vertical_Datum_1929"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
7976	HKPD_depth	VERTCS["HKPD_depth",VDATUM["Hong_Kong_Principal_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["HKPD_depth",VDATUM["Hong_Kong_Principal_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
7979	KOC_WD_height	VERTCS["KOC_WD_height",VDATUM["KOC_Well_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KOC_WD_height",VDATUM["KOC_Well_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8050	MSL_height_(ftIntl)	VERTCS["MSL_height_(ftIntl)",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["MSL_height_(ftIntl)",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
8051	MSL_depth_(ftIntl)	VERTCS["MSL_depth_(ftIntl)",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot",0.3048]]	VERTCRS["MSL_depth_(ftIntl)",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot",0.3048]]]

WKID	Name	WKT1	WKT2
8052	MSL_height_(ftUS)	VERTCS["MSL_height_(ftUS)",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["MSL_height_(ftUS)",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
8053	MSL_depth_(ftUS)	VERTCS["MSL_depth_(ftUS)",VDATUM["Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["MSL_depth_(ftUS)",VDATUM["Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Foot_US",0.3048006096012192]]]
8089	ISH2004_height	VERTCS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ISH2004_height",VDATUM["Landshaedarkerfi_Islands_2004"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8228	NAVD88_height_(ftIntl)	VERTCS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["NAVD88_height_(ftIntl)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
8266	GVR2000_height	VERTCS["GVR2000_height",VDATUM["Greenland_Vertical_Reference_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GVR2000_height",VDATUM["Greenland_Vertical_Reference_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8267	GVR2016_height	VERTCS["GVR2016_height",VDATUM["Greenland_Vertical_Reference_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GVR2016_height",VDATUM["Greenland_Vertical_Reference_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8357	Baltic_1957_height	VERTCS["Baltic_1957_height",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic_1957_height",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8358	Baltic_1957_depth	VERTCS["Baltic_1957_depth",VDATUM["Baltic_1957"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic_1957_depth",VDATUM["Baltic_1957"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
8434	Macao_height	VERTCS["Macao_height",VDATUM["Macao_Height_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Macao_height",VDATUM["Macao_Height_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8675	N43_height	VERTCS["N43_height",VDATUM["Helsinki_1943"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["N43_height",VDATUM["Helsinki_1943"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8690	SVS2010	VERTCS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SVS2010",VDATUM["Slovenian_Vertical_System_2010"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8691	SRB_VRS12_height	VERTCS["SRB_VRS12_height",VDATUM["Serbian_Vertical_Reference_System_2012"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SRB_VRS12_height",VDATUM["Serbian_Vertical_Reference_System_2012"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8841	MVGC_height	VERTCS["MVGC_height",VDATUM["MOMRA_Vertical_Geodetic_Control"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MVGC_height",VDATUM["MOMRA_Vertical_Geodetic_Control"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8881	Vienna_height	VERTCS["Vienna_height",VDATUM["Wiener_Null"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Vienna_height",VDATUM["Wiener_Null"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8904	TWVD_2001_height	VERTCS["TWVD_2001_height",VDATUM["Taiwan_Vertical_Datum_2001"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["TWVD_2001_height",VDATUM["Taiwan_Vertical_Datum_2001"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
8911	DACR52_height	VERTCS["DACR52_height",VDATUM["Datum_Altimetrico_de_Costa_Rica_1952"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DACR52_height",VDATUM["Datum_Altimetrico_de_Costa_Rica_1952"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9130	IGN_2008_LD_height	VERTCS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGN_2008_LD_height",VDATUM["IGN_2008_LD"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
9245	CGVD2013_CGG2013a_height	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]]	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]]]
9255	SRVN16_height	VERTCS["SRVN16_height",VDATUM["Sistema_de_Referencia_Vertical_Nacional_2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SRVN16_height",VDATUM["Sistema_de_Referencia_Vertical_Nacional_2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9274	EVRF2000_Austria_height	VERTCS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EVRF2000_Austria_height",VDATUM["European_Vertical_Reference_Frame_2000_Austria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9279	SA_LLD_height	VERTCS["SA_LLD_height",VDATUM["South_Africa_Land_Levelling_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SA_LLD_height",VDATUM["South_Africa_Land_Levelling_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9287	LAT_NL_depth	VERTCS["LAT_NL_depth",VDATUM["Lowest_Astronomical_Tide_Netherlands"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["LAT_NL_depth",VDATUM["Lowest_Astronomical_Tide_Netherlands"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
9288	MSL_NL_depth	VERTCS["MSL_NL_depth",VDATUM["Mean_Sea_Level_Netherlands"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MSL_NL_depth",VDATUM["Mean_Sea_Level_Netherlands"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
9303	HS2-VRF_height	VERTCS["HS2-VRF_height",VDATUM["HS2_Vertical_Reference_Frame"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["HS2-VRF_height",VDATUM["HS2_Vertical_Reference_Frame"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9335	KSA-VRF14_height	VERTCS["KSA-VRF14_height",VDATUM["Kingdom_of_Saudi_Arabia_Vertical_Reference_Frame_Jeddah_2014"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KSA-VRF14_height",VDATUM["Kingdom_of_Saudi_Arabia_Vertical_Reference_Frame_Jeddah_2014"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
9351	NGNC08_height	VERTCS["NGNC08_height",VDATUM["Nivellement_General_de_Nouvelle_Caledonie_2008"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGNC08_height",VDATUM["Nivellement_General_de_Nouvelle_Caledonie_2008"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9389	EVRF_2019	VERTCS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EVRF_2019",VDATUM["European_Vertical_Reference_Frame_2019"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9390	EVRF_2019_mean-tide	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]]	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]]]
9392	Mallorca_height	VERTCS["Mallorca_height",VDATUM["Mallorca"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Mallorca_height",VDATUM["Mallorca"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9393	Menorca_height	VERTCS["Menorca_height",VDATUM["Menorca"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Menorca_height",VDATUM["Menorca"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9394	Ibiza_height	VERTCS["Ibiza_height",VDATUM["Ibiza"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ibiza_height",VDATUM["Ibiza"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9395	Lanzarote_height	VERTCS["Lanzarote_height",VDATUM["Lanzarote"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lanzarote_height",VDATUM["Lanzarote"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9396	Fuerteventura_height	VERTCS["Fuerteventura_height",VDATUM["Fuerteventura"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fuerteventura_height",VDATUM["Fuerteventura"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9397	Gran_Canaria_height	VERTCS["Gran_Canaria_height",VDATUM["Gran_Canaria"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Gran_Canaria_height",VDATUM["Gran_Canaria"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
9398	Tenerife_height	VERTCS["Tenerife_height",VDATUM["Tenerife"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Tenerife_height",VDATUM["Tenerife"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9399	La_Gomera_height	VERTCS["La_Gomera_height",VDATUM["La_Gomera"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["La_Gomera_height",VDATUM["La_Gomera"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9400	La_Palma_height	VERTCS["La_Palma_height",VDATUM["La_Palma"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["La_Palma_height",VDATUM["La_Palma"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9401	El_Hierro_height	VERTCS["El_Hierro_height",VDATUM["El_Hierro"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["El_Hierro_height",VDATUM["El_Hierro"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9402	Ceuta_2_height	VERTCS["Ceuta_2_height",VDATUM["Ceuta_2"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ceuta_2_height",VDATUM["Ceuta_2"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9451	BI_height	VERTCS["BI_height",VDATUM["British_Isles_height_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["BI_height",VDATUM["British_Isles_height_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9458	AVWS_height	VERTCS["AVWS_height",VDATUM["Australian_Vertical_Working_Surface"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["AVWS_height",VDATUM["Australian_Vertical_Working_Surface"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9471	INAGeoid2020_height	VERTCS["INAGeoid2020_height",VDATUM["Indonesian_Geoid_2020"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["INAGeoid2020_height",VDATUM["Indonesian_Geoid_2020"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9650	Baltic_1986_height	VERTCS["Baltic_1986_height",VDATUM["Baltic_1986"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Baltic_1986_height",VDATUM["Baltic_1986"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
9651	EVRF_2007_PL_height	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]]	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]]]
9663	EH2000_height	VERTCS["EH2000_height",VDATUM["Estonian_Height_System_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EH2000_height",VDATUM["Estonian_Height_System_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9666	LAS07_height	VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9669	BGS2005_height	VERTCS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["BGS2005_height",VDATUM["Bulgarian_Height_System_2005"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9672	CD_Norway_depth	VERTCS["CD_Norway_depth",VDATUM["Norwegian_Chart_Datum"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["CD_Norway_depth",VDATUM["Norwegian_Chart_Datum"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
9675	Pago_Pago_2020_height	VERTCS["Pago_Pago_2020_height",VDATUM["Local_Tidal_Datum_at_Pago_Pago_2020"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Pago_Pago_2020_height",VDATUM["Local_Tidal_Datum_at_Pago_Pago_2020"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9681	NVD_1992_height	VERTCS["NVD_1992_height",VDATUM["National_Vertical_Datum_1992"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NVD_1992_height",VDATUM["National_Vertical_Datum_1992"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9721	Catania_1965_height	VERTCS["Catania_1965_height",VDATUM["Catania_1965"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Catania_1965_height",VDATUM["Catania_1965"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9722	Cagliari_1956_height	VERTCS["Cagliari_1956_height",VDATUM["Cagliari_1956"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cagliari_1956_height",VDATUM["Cagliari_1956"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
9923	GNTRANS_height	VERTCS["GNTRANS_height",VDATUM["GNTRANS"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GNTRANS_height",VDATUM["GNTRANS"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
9927	GNTRANS2016_height	VERTCS["GNTRANS2016_height",VDATUM["GNTRANS2016"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GNTRANS2016_height",VDATUM["GNTRANS2016"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10150	MSL_UK_Ireland_VORF08_depth	VERTCS["MSL_UK_Ireland_VORF08_depth",VDATUM["Mean_Sea_Level_UK_Ireland_VORF08"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["MSL_UK_Ireland_VORF08_depth",VDATUM["Mean_Sea_Level_UK_Ireland_VORF08"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10151	CD_UK_Ireland_VORF08_depth	VERTCS["CD_UK_Ireland_VORF08_depth",VDATUM["Chart_Datum_UK_Ireland_VORF08"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["CD_UK_Ireland_VORF08_depth",VDATUM["Chart_Datum_UK_Ireland_VORF08"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10190	NGA_2022_height	VERTCS["NGA_2022_height",VDATUM["Nivellement_General_de_l_Algerie_2022"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NGA_2022_height",VDATUM["Nivellement_General_de_l_Algerie_2022"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10349	ZH_Portugal_depth	VERTCS["ZH_Portugal_depth",VDATUM["Chart_Datum_Portugal"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["ZH_Portugal_depth",VDATUM["Chart_Datum_Portugal"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10352	Formentera_height	VERTCS["Formentera_height",VDATUM["Formentera"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Formentera_height",VDATUM["Formentera"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10353	Alboran_height	VERTCS["Alboran_height",VDATUM["Alboran"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Alboran_height",VDATUM["Alboran"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10354	Melilla_height	VERTCS["Melilla_height",VDATUM["Melilla"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Melilla_height",VDATUM["Melilla"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
10482	DVR90(2000)_height	VERTCS["DVR90(2000)_height",VDATUM["Dansk_Vertikal_Reference_1990"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90(2000)_height",VDATUM["Dansk_Vertikal_Reference_1990"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10483	DVR90(2002)_height	VERTCS["DVR90(2002)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2002)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90(2002)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2002)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10484	DVR90(2013)_height	VERTCS["DVR90(2013)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2013)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90(2013)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2013)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10485	DVR90(2023)_height	VERTCS["DVR90(2023)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2023)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90(2023)_height",VDATUM["Dansk_Vertikal_Reference_1990_(2023)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10547	DKMSL(2022)_depth	VERTCS["DKMSL(2022)_depth",VDATUM["Denmark_Mean_Sea_Level_(2022)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKMSL(2022)_depth",VDATUM["Denmark_Mean_Sea_Level_(2022)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10548	DKLAT(2022)_depth	VERTCS["DKLAT(2022)_depth",VDATUM["Denmark_Lowest_Astronomical_Tide_(2022)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKLAT(2022)_depth",VDATUM["Denmark_Lowest_Astronomical_Tide_(2022)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10549	DKMSL(2023)_depth	VERTCS["DKMSL(2023)_depth",VDATUM["Denmark_Mean_Sea_Level_(2023)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKMSL(2023)_depth",VDATUM["Denmark_Mean_Sea_Level_(2023)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10550	DKLAT(2023)_depth	VERTCS["DKLAT(2023)_depth",VDATUM["Denmark_Lowest_Astronomical_Tide_(2023)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKLAT(2023)_depth",VDATUM["Denmark_Lowest_Astronomical_Tide_(2023)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10551	DKMSL_depth	VERTCS["DKMSL_depth",VDATUM["Denmark_Mean_Sea_Level"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKMSL_depth",VDATUM["Denmark_Mean_Sea_Level"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
10552	DKLAT_depth	VERTCS["DKLAT_depth",VDATUM["Denmark_Lowest_Astronomical_Tide"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["DKLAT_depth",VDATUM["Denmark_Lowest_Astronomical_Tide"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10565	GLLMSL(2022)_height	VERTCS["GLLMSL(2022)_height",VDATUM["Greenland_Local_Mean_Sea_Level_(2022)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GLLMSL(2022)_height",VDATUM["Greenland_Local_Mean_Sea_Level_(2022)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
10649	GLMSL(2023)_depth	VERTCS["GLMSL(2023)_depth",VDATUM["Greenland_Mean_Sea_Level_(2023)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["GLMSL(2023)_depth",VDATUM["Greenland_Mean_Sea_Level_(2023)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
10650	GLLAT(2023)_depth	VERTCS["GLLAT(2023)_depth",VDATUM["Greenland_Lowest_Astronomic_Tide_(2023)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",-1.0],UNIT["Meter",1.0]]	VERTCRS["GLLAT(2023)_depth",VDATUM["Greenland_Lowest_Astronomic_Tide_(2023)"],CS[vertical,1],AXIS["Gravity-related height (H)",down,LENGTHUNIT["Meter",1.0]]]
20000	SVD2006_height	VERTCS["SVD2006_height",VDATUM["Svalbard_vertical_datum_2006"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SVD2006_height",VDATUM["Svalbard_vertical_datum_2006"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
20034	CGVD2013a(2002)_height	VERTCS["CGVD2013a(2002)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_2002"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CGVD2013a(2002)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_2002"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
20035	CGVD2013a(1997)_height	VERTCS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CGVD2013a(1997)_height",VDATUM["Canadian_Geodetic_Vertical_Datum_of_2013_(CGG2013a)_epoch_1997"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
20036	INAGeoid2020_v2_height	VERTCS["INAGeoid2020_v2_height",VDATUM["Indonesian_Geoid_2020_version_2"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["INAGeoid2020_v2_height",VDATUM["Indonesian_Geoid_2020_version_2"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
105602	BBT2000	VERTCS["BBT2000",DATUM["Brenner_Base_Tunnel_2000",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["BBT2000",DATUM["Brenner_Base_Tunnel_2000",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
105603	REDNAP_height	VERTCS["REDNAP_height",VDATUM["Red_Espanola_de_Nivelacion_de_Alta_Precision"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["REDNAP_height",VDATUM["Red_Espanola_de_Nivelacion_de_Alta_Precision"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105700	WGS_1984_Geoid	VERTCS["WGS_1984_Geoid",VDATUM["WGS_1984_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_Geoid",VDATUM["WGS_1984_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105701	DVR90	VERTCS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DVR90",VDATUM["Dansk_Vertikal_Reference_1990_ensemble"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105702	RH2000	VERTCS["RH2000",VDATUM["Rikets_Hojdsystem_2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RH2000",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["Levelling-based"]],VDATUM["Rikets_Hojdsystem_2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105703	NAVD88_height_(ftUS)	VERTCS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["NAVD88_height_(ftUS)",VDATUM["North_American_Vertical_Datum_1988"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
105704	LAS07_height	VERTCS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LAS07_height",VDATUM["Lithuanian_Height_System_2007"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105790	EGM2008_Geoid	VERTCS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EGM2008_Geoid",VDATUM["EGM2008_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
105791	Fao_1979	VERTCS["Fao_1979",VDATUM["Fao_1979"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Fao_1979",VDATUM["Fao_1979"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105792	NZVD2009_height	VERTCS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NZVD2009_height",VDATUM["New_Zealand_Vertical_Datum_2009"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105793	N2000_height	VERTCS["N2000_height",VDATUM["N2000"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["N2000_height",VDATUM["N2000"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105794	Dunedin_Bluff_1960_height	VERTCS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Dunedin_Bluff_1960_height",VDATUM["Dunedin_Bluff_1960"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105795	MSL_Hawaii_height_(m)	VERTCS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MSL_Hawaii_height_(m)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
105796	MSL_Hawaii_height_(ftUS)	VERTCS["MSL_Hawaii_height_(ftUS)",VDATUM["Mean_Sea_Level_Hawaii"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["MSL_Hawaii_height_(ftUS)",VDATUM["Mean_Sea_Level_Hawaii"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
105797	EGM96_Geoid_(ftIntl)	VERTCS["EGM96_Geoid_(ftIntl)",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["EGM96_Geoid_(ftIntl)",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
105798	EGM96_Geoid_(ftUS)	VERTCS["EGM96_Geoid_(ftUS)",VDATUM["EGM96_Geoid"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["EGM96_Geoid_(ftUS)",VDATUM["EGM96_Geoid"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]

WKID	Name	WKT1	WKT2
115700	WGS_1984	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]]	VERTCRS["WGS_1984",DYNAMIC[FRAMEEPOCH[1990.5],MODEL["AM0-2"]],DATUM["D_WGS_1984",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115701	ETRS_1989	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]]	VERTCRS["ETRS_1989",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115702	NAD_1983	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]]	VERTCRS["NAD_1983",DATUM["D_North_American_1983",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115703	Australian_Antarctic_1998	VERTCS["Australian_Antarctic_1998",DATUM["D_Australian_Antarctic_1998",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Australian_Antarctic_1998",DATUM["D_Australian_Antarctic_1998",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115704	Cadastre_1997	VERTCS["Cadastre_1997",DATUM["D_Cadastre_1997",SPHEROID["International_1924",6378388.0,297.0]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Cadastre_1997",DATUM["D_Cadastre_1997",ELLIPSOID["International_1924",6378388.0,297.0,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115705	China_Geodetic_Coordinate_System_2000	VERTCS["China_Geodetic_Coordinate_System_2000",DATUM["D_China_2000",SPHEROID["CGCS2000",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["China_Geodetic_Coordinate_System_2000",DATUM["D_China_2000",ELLIPSOID["CGCS2000",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115706	Swiss_TRF_1995	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]]	VERTCRS["Swiss_TRF_1995",DATUM["D_Swiss_TRF_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115707	CIGD11	VERTCS["CIGD11",DATUM["D_Cayman_Islands_Geodetic_Datum_2011",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CIGD11",DATUM["D_Cayman_Islands_Geodetic_Datum_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115708	CR05	VERTCS["CR05",DATUM["D_Costa_Rica_2005",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CR05",DATUM["D_Costa_Rica_2005",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115709	DB_REF	VERTCS["DB_REF",DATUM["D_Deutsche_Bahn_Reference_System",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DB_REF",DATUM["D_Deutsche_Bahn_Reference_System",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115710	DGN_1995	VERTCS["DGN_1995",DATUM["D_Datum_Geodesi_Nasional_1995",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DGN_1995",DATUM["D_Datum_Geodesi_Nasional_1995",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115711	DRUKREF_03	VERTCS["DRUKREF_03",DATUM["D_Bhutan_National_Geodetic_Datum",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["DRUKREF_03",DATUM["D_Bhutan_National_Geodetic_Datum",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115712	Estonia_1997	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]]	VERTCRS["Estonia_1997",DATUM["D_Estonia_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115713	EUREF_FIN	VERTCS["EUREF_FIN",DATUM["D_ETRS_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["EUREF_FIN",DATUM["D_ETRS_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115714	FEH2010	VERTCS["FEH2010",DATUM["D_Fehmarnbelt_Datum_2010",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["FEH2010",DATUM["D_Fehmarnbelt_Datum_2010",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115715	GDA_1994	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]]	VERTCRS["GDA_1994",DATUM["D_GDA_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115716	GDBD2009	VERTCS["GDBD2009",DATUM["D_GDBD2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GDBD2009",DATUM["D_GDBD2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115717	GDM_2000	VERTCS["GDM_2000",DATUM["D_GDM_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GDM_2000",DATUM["D_GDM_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115718	Greenland_1996	VERTCS["Greenland_1996",DATUM["D_Greenland_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Greenland_1996",DATUM["D_Greenland_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115719	Hartebeesthoek_1994	VERTCS["Hartebeesthoek_1994",DATUM["D_Hartebeesthoek_1994",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Hartebeesthoek_1994",DATUM["D_Hartebeesthoek_1994",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115720	IGD05	VERTCS["IGD05",DATUM["Israel_Geodetic_Datum_2005",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGD05",DATUM["Israel_Geodetic_Datum_2005",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115721	IG05_Intermediate_CRS	VERTCS["IG05_Intermediate_CRS",DATUM["IG05_Intermediate_Datum",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IG05_Intermediate_CRS",DATUM["IG05_Intermediate_Datum",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115722	IGD05(2012)	VERTCS["IGD05(2012)",DATUM["Israeli_Geodetic_Datum_2005(2012)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGD05(2012)",DATUM["Israeli_Geodetic_Datum_2005(2012)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115723	IG05(2012)_Intermediate_CRS	VERTCS["IG05(2012)_Intermediate_CRS",DATUM["IG05(2012)_Intermediate_Datum",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IG05(2012)_Intermediate_CRS",DATUM["IG05(2012)_Intermediate_Datum",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115724	IGM_1995	VERTCS["IGM_1995",DATUM["D_IGM_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGM_1995",DATUM["D_IGM_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115725	IGRS	VERTCS["IGRS",DATUM["D_Iraqi_Geospatial_Reference_System",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGRS",DATUM["D_Iraqi_Geospatial_Reference_System",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115726	IRENET95	VERTCS["IRENET95",DATUM["D_IRENET95",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IRENET95",DATUM["D_IRENET95",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115727	ISN_1993	VERTCS["ISN_1993",DATUM["D_Islands_Network_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ISN_1993",DATUM["D_Islands_Network_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115728	ISN_2004	VERTCS["ISN_2004",DATUM["D_Islands_Network_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ISN_2004",DATUM["D_Islands_Network_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115729	ITRF_1988	VERTCS["ITRF_1988",DATUM["D_ITRF_1988",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1988",DYNAMIC[FRAMEEPOCH[1988.0],MODEL["AM0-2"]],DATUM["D_ITRF_1988",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115730	ITRF_1989	VERTCS["ITRF_1989",DATUM["D_ITRF_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1989",DYNAMIC[FRAMEEPOCH[1988.0],MODEL["AM0-2"]],DATUM["D_ITRF_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115731	ITRF_1990	VERTCS["ITRF_1990",DATUM["D_ITRF_1990",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1990",DYNAMIC[FRAMEEPOCH[1988.0],MODEL["AM0-2"]],DATUM["D_ITRF_1990",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115732	ITRF_1991	VERTCS["ITRF_1991",DATUM["D_ITRF_1991",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1991",DYNAMIC[FRAMEEPOCH[1988.0],MODEL["NNR-NUVEL1"]],DATUM["D_ITRF_1991",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115733	ITRF_1992	VERTCS["ITRF_1992",DATUM["D_ITRF_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1992",DYNAMIC[FRAMEEPOCH[1988.0],MODEL["NNR-NUVEL1"]],DATUM["D_ITRF_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115734	ITRF_1993	VERTCS["ITRF_1993",DATUM["D_ITRF_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1993",DYNAMIC[FRAMEEPOCH[1993.0],MODEL["NNR-NUVEL1A"]],DATUM["D_ITRF_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115735	ITRF_1996	VERTCS["ITRF_1996",DATUM["D_ITRF_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1996",DYNAMIC[FRAMEEPOCH[1997.0]],DATUM["D_ITRF_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115736	ITRF_1997	VERTCS["ITRF_1997",DATUM["D_ITRF_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1997",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["NNR-NUVEL1A"]],DATUM["D_ITRF_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115737	ITRF_2000	VERTCS["ITRF_2000",DATUM["D_ITRF_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_2000",DYNAMIC[FRAMEEPOCH[1997.0]],DATUM["D_ITRF_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115738	ITRF_2005	VERTCS["ITRF_2005",DATUM["D_ITRF_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_2005",DYNAMIC[FRAMEEPOCH[2000.0],MODEL["NNR-NUVEL1A+ITRF2005-PMM"]],DATUM["D_ITRF_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115739	JAD_2001	VERTCS["JAD_2001",DATUM["D_Jamaica_2001",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["JAD_2001",DATUM["D_Jamaica_2001",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115740	JGD_2000	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]]	VERTCRS["JGD_2000",DATUM["D_JGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115741	JGD_2011	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]]	VERTCRS["JGD_2011",DATUM["D_JGD_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115742	KGD2002	VERTCS["KGD2002",DATUM["D_Korea_Geodetic_Datum_2002",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KGD2002",DATUM["D_Korea_Geodetic_Datum_2002",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115743	Lao_1997	VERTCS["Lao_1997",DATUM["D_Lao_National_Datum_1997",SPHEROID["Krasovsky_1940",6378245.0,298.3]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lao_1997",DATUM["D_Lao_National_Datum_1997",ELLIPSOID["Krasovsky_1940",6378245.0,298.3,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115744	LGD2006	VERTCS["LGD2006",DATUM["D_Libyan_Geodetic_Datum_2006",SPHEROID["International_1924",6378388.0,297.0]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LGD2006",DATUM["D_Libyan_Geodetic_Datum_2006",ELLIPSOID["International_1924",6378388.0,297.0,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115745	LKS_1992	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]]	VERTCRS["LKS_1992",DATUM["D_Latvia_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115746	LKS_1994	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]]	VERTCRS["LKS_1994",DATUM["D_Lithuania_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115747	MACAO_2008	VERTCS["MACAO_2008",DATUM["D_MACAO_2008",SPHEROID["International_1924",6378388.0,297.0]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MACAO_2008",DATUM["D_MACAO_2008",ELLIPSOID["International_1924",6378388.0,297.0,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115748	MAGNA	VERTCS["MAGNA",DATUM["D_MAGNA",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MAGNA",DATUM["D_MAGNA",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115749	MARCARIO_SOLIS	VERTCS["MARCARIO_SOLIS",DATUM["D_SGNP_MARCARIO_SOLIS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MARCARIO_SOLIS",DATUM["D_SGNP_MARCARIO_SOLIS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115750	MARGEN	VERTCS["MARGEN",DATUM["D_Marco_Geodesico_Nacional",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MARGEN",DATUM["D_Marco_Geodesico_Nacional",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115751	Mexico_ITRF2008	VERTCS["Mexico_ITRF2008",DATUM["D_Mexico_ITRF2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Mexico_ITRF2008",DATUM["D_Mexico_ITRF2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115752	MOLDREF99	VERTCS["MOLDREF99",DATUM["D_MOLDREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MOLDREF99",DATUM["D_MOLDREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115753	MONREF_1997	VERTCS["MONREF_1997",DATUM["D_ITRF_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MONREF_1997",DYNAMIC[FRAMEEPOCH[1997.0]],DATUM["D_ITRF_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115754	Moznet	VERTCS["Moznet",DATUM["D_Moznet",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Moznet",DATUM["D_Moznet",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115755	NAD_1983_2011	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]]	VERTCRS["NAD_1983_2011",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["HTDP"]],DATUM["D_NAD_1983_2011",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115756	NAD_1983_CORS96	VERTCS["NAD_1983_CORS96",DATUM["D_NAD_1983_CORS96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_CORS96",DYNAMIC[FRAMEEPOCH[1997.0],MODEL["HTDP"]],DATUM["D_NAD_1983_CORS96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115757	North_American_1983_CSRS	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]]	VERTCRS["North_American_1983_CSRS",DATUM["D_North_American_1983_CSRS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115758	North_American_1983_HARN	VERTCS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["North_American_1983_HARN",DATUM["D_North_American_1983_HARN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115759	NAD_1983_MA11	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]]	VERTCRS["NAD_1983_MA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_MA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115760	NAD_1983_MARP00	VERTCS["NAD_1983_MARP00",DATUM["D_NAD_1983_MARP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_MARP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_MARP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115761	NAD_1983_NSRS2007	VERTCS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_NSRS2007",DATUM["D_NAD_1983_NSRS2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115762	NAD_1983_PA11	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]]	VERTCRS["NAD_1983_PA11",DYNAMIC[FRAMEEPOCH[2012.4467],MODEL["HTDP"]],DATUM["D_NAD_1983_PA11",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115763	NAD_1983_PACP00	VERTCS["NAD_1983_PACP00",DATUM["D_NAD_1983_PACP00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_PACP00",DYNAMIC[FRAMEEPOCH[1993.6205],MODEL["HTDP"]],DATUM["D_NAD_1983_PACP00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115764	Nepal_Nagarkot	VERTCS["Nepal_Nagarkot",DATUM["D_Nepal_Nagarkot",SPHEROID["Everest_Adjustment_1937",6377276.345,300.8017]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Nepal_Nagarkot",DATUM["D_Nepal_Nagarkot",ELLIPSOID["Everest_Adjustment_1937",6377276.345,300.8017,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115765	NZGD_2000	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]]	VERTCRS["NZGD_2000",DATUM["D_NZGD_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115766	Peru96	VERTCS["Peru96",DATUM["D_Peru96",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Peru96",DATUM["D_Peru96",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115767	PNG94	VERTCS["PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PNG94",DATUM["D_Papua_New_Guinea_Geodetic_Datum_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115768	POSGAR	VERTCS["POSGAR",DATUM["D_POSGAR",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POSGAR",DATUM["D_POSGAR",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115769	POSGAR_1994	VERTCS["POSGAR_1994",DATUM["D_POSGAR_1994",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POSGAR_1994",DATUM["D_POSGAR_1994",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115770	POSGAR_1998	VERTCS["POSGAR_1998",DATUM["D_POSGAR_1998",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POSGAR_1998",DATUM["D_POSGAR_1998",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115771	PRS_1992	VERTCS["PRS_1992",DATUM["D_Philippine_Reference_System_1992",SPHEROID["Clarke_1866",6378206.4,294.9786982]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PRS_1992",DATUM["D_Philippine_Reference_System_1992",ELLIPSOID["Clarke_1866",6378206.4,294.9786982,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115772	PTRA08	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]]	VERTCRS["PTRA08",DATUM["D_PTRA08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115773	PZ_1990	VERTCS["PZ_1990",DATUM["D_Parametrop_Zemp_1990",SPHEROID["PZ_1990",6378136.0,298.257839303]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PZ_1990",DYNAMIC[FRAMEEPOCH[1990.0]],DATUM["D_Parametrop_Zemp_1990",ELLIPSOID["PZ_1990",6378136.0,298.257839303,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115774	RDN2008	VERTCS["RDN2008",DATUM["D_Rete_Dinamica_Nazionale_2008",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RDN2008",DATUM["D_Rete_Dinamica_Nazionale_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115775	REGCAN95	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]]	VERTCRS["REGCAN95",DATUM["D_Red_Geodesica_de_Canarias_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115776	REGVEN	VERTCS["REGVEN",DATUM["D_REGVEN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["REGVEN",DATUM["D_REGVEN",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115777	RGAF09	VERTCS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGAF09",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115778	RGF_1993	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]]	VERTCRS["RGF_1993",DATUM["D_RGF_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115779	RGFG_1995	VERTCS["RGFG_1995",DATUM["D_RGFG_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGFG_1995",DATUM["D_RGFG_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115780	RGM_2004	VERTCS["RGM_2004",DATUM["D_Reseau_Geodesique_de_Mayotte_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGM_2004",DATUM["D_Reseau_Geodesique_de_Mayotte_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115781	RGNC_1991	VERTCS["RGNC_1991",DATUM["D_RGNC_1991",SPHEROID["International_1924",6378388.0,297.0]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGNC_1991",DATUM["D_RGNC_1991",ELLIPSOID["International_1924",6378388.0,297.0,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115782	RGNC_1991-93	VERTCS["RGNC_1991-93",DATUM["D_Reseau_Geodesique_de_Nouvelle_Caledonie_1991-93",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGNC_1991-93",DATUM["D_Reseau_Geodesique_de_Nouvelle_Caledonie_1991-93",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115783	RGPF	VERTCS["RGPF",DATUM["D_Reseau_Geodesique_de_la_Polynesie_Francaise",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGPF",DATUM["D_Reseau_Geodesique_de_la_Polynesie_Francaise",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115784	RGR_1992	VERTCS["RGR_1992",DATUM["D_RGR_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGR_1992",DATUM["D_RGR_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115785	RGRDC_2005	VERTCS["RGRDC_2005",DATUM["D_Reseau_Geodesique_de_la_RDC_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGRDC_2005",DATUM["D_Reseau_Geodesique_de_la_RDC_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115786	RGSPM_2006	VERTCS["RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGSPM_2006",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115787	RRAF_1991	VERTCS["RRAF_1991",DATUM["D_RRAF_1991",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RRAF_1991",DATUM["D_RRAF_1991",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115788	RSRGD2000	VERTCS["RSRGD2000",DATUM["D_Ross_Sea_Region_Geodetic_Datum_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RSRGD2000",DATUM["D_Ross_Sea_Region_Geodetic_Datum_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115789	SIRGAS_2000	VERTCS["SIRGAS_2000",DATUM["D_SIRGAS_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS_2000",DATUM["D_SIRGAS_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115790	SIRGAS-Chile_2002	VERTCS["SIRGAS-Chile_2002",DATUM["SIRGAS-Chile_realization_1_epoch_2002",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-Chile_2002",DATUM["SIRGAS-Chile_realization_1_epoch_2002",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115791	SIRGAS_ES2007.8	VERTCS["SIRGAS_ES2007.8",DATUM["D_SIRGAS_ES2007.8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS_ES2007.8",DATUM["D_SIRGAS_ES2007.8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115792	SIRGAS-ROU98	VERTCS["SIRGAS-ROU98",DATUM["D_SIRGAS-ROU98",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-ROU98",DATUM["D_SIRGAS-ROU98",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115793	SLD99	VERTCS["SLD99",DATUM["D_Sri_Lanka_Datum_1999",SPHEROID["Everest_Adjustment_1937",6377276.345,300.8017]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SLD99",DATUM["D_Sri_Lanka_Datum_1999",ELLIPSOID["Everest_Adjustment_1937",6377276.345,300.8017,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115794	Slovenia_1996	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]]	VERTCRS["Slovenia_1996",DATUM["D_Slovenia_Geodetic_Datum_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115795	SREF98	VERTCS["SREF98",DATUM["D_Serbian_Reference_Network_1998",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SREF98",DATUM["D_Serbian_Reference_Network_1998",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115796	S_JTSK/05	VERTCS["S_JTSK/05",DATUM["D_S_JTSK_05",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["S_JTSK/05",DATUM["D_S_JTSK_05",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115797	S_JTSK/05_Ferro	VERTCS["S_JTSK/05_Ferro",DATUM["D_S_JTSK_05",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["S_JTSK/05_Ferro",DATUM["D_S_JTSK_05",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115798	SWEREF99	VERTCS["SWEREF99",DATUM["D_SWEREF99",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SWEREF99",DATUM["D_SWEREF99",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115799	TGD2005	VERTCS["TGD2005",DATUM["D_Tonga_Geodetic_Datum_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["TGD2005",DATUM["D_Tonga_Geodetic_Datum_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115800	TWD_1997	VERTCS["TWD_1997",DATUM["D_TWD_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["TWD_1997",DATUM["D_TWD_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115801	Ukraine_2000	VERTCS["Ukraine_2000",DATUM["D_Ukraine_2000",SPHEROID["Krasovsky_1940",6378245.0,298.3]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Ukraine_2000",DATUM["D_Ukraine_2000",ELLIPSOID["Krasovsky_1940",6378245.0,298.3,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115802	Yemen_NGN_1996	VERTCS["Yemen_NGN_1996",DATUM["D_Yemen_NGN_1996",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Yemen_NGN_1996",DATUM["D_Yemen_NGN_1996",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115803	ITRF_2008	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]]	VERTCRS["ITRF_2008",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["D_ITRF_2008",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115804	TUREF	VERTCS["TUREF",DATUM["D_Turkish_National_Reference_Frame",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["TUREF",DATUM["D_Turkish_National_Reference_Frame",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115805	GDA2020	VERTCS["GDA2020",DATUM["GDA2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GDA2020",DYNAMIC[FRAMEEPOCH[2020.0],MODEL["GDA2020-PMM"]],DATUM["GDA2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115806	BGS2005	VERTCS["BGS2005",DATUM["Bulgaria_Geodetic_System_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["BGS2005",DATUM["Bulgaria_Geodetic_System_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115807	Unknown_height_system_(meters)	VERTCS["Unknown_height_system_(meters)",VDATUM["Unknown_height_system_(meters)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Unknown_height_system_(meters)",VDATUM["Unknown_height_system_(meters)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Meter",1.0]]]
115808	Unknown_height_system_(US_survey_feet)	VERTCS["Unknown_height_system_(US_survey_feet)",VDATUM["Unknown_height_system_(US_survey_feet)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot_US",0.3048006096012192]]	VERTCRS["Unknown_height_system_(US_survey_feet)",VDATUM["Unknown_height_system_(US_survey_feet)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot_US",0.3048006096012192]]]
115809	Unknown_height_system_(Intl_Feet)	VERTCS["Unknown_height_system_(Intl_Feet)",VDATUM["Unknown_height_system_(Intl_feet)"],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Foot",0.3048]]	VERTCRS["Unknown_height_system_(Intl_Feet)",VDATUM["Unknown_height_system_(Intl_feet)"],CS[vertical,1],AXIS["Gravity-related height (H)",up,LENGTHUNIT["Foot",0.3048]]]
115810	ITRF2014	VERTCS["ITRF2014",DATUM["International_Terrestrial_Reference_Frame_2014",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF2014",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["ITRF2014-PMM"]],DATUM["International_Terrestrial_Reference_Frame_2014",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115811	SHGD2015	VERTCS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SHGD2015",DATUM["St_Helena_Geodetic_Datum_2015",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115812	St_Helena_Tritan	VERTCS["St_Helena_Tritan",DATUM["St_Helena_Tritan",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["St_Helena_Tritan",DATUM["St_Helena_Tritan",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115813	GSK-2011	VERTCS["GSK-2011",DATUM["Geodezicheskaya_Sistema_Koordinat_2011",SPHEROID["GSK-2011",6378136.5,298.2564151]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GSK-2011",DATUM["Geodezicheskaya_Sistema_Koordinat_2011",ELLIPSOID["GSK-2011",6378136.5,298.2564151,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115814	PZ-90.11	VERTCS["PZ-90.11",DATUM["Parametry_Zemli_1990.11",SPHEROID["PZ_1990",6378136.0,298.257839303]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PZ-90.11",DYNAMIC[FRAMEEPOCH[2010.0]],DATUM["Parametry_Zemli_1990.11",ELLIPSOID["PZ_1990",6378136.0,298.257839303,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115815	PZ-90.02	VERTCS["PZ-90.02",DATUM["Parametry_Zemli_1990.02",SPHEROID["PZ_1990",6378136.0,298.257839303]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["PZ-90.02",DYNAMIC[FRAMEEPOCH[2002.0]],DATUM["Parametry_Zemli_1990.02",ELLIPSOID["PZ_1990",6378136.0,298.257839303,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115816	WGS_1984_(Transit)	VERTCS["WGS_1984_(Transit)",DATUM["World_Geodetic_System_1984_(Transit)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(Transit)",DYNAMIC[FRAMEEPOCH[1984.0]],DATUM["World_Geodetic_System_1984_(Transit)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115817	WGS_1984_(G1762)	VERTCS["WGS_1984_(G1762)",DATUM["World_Geodetic_System_1984_(G1762)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G1762)",DYNAMIC[FRAMEEPOCH[2012.5],MODEL["ITRF2008-PMM"]],DATUM["World_Geodetic_System_1984_(G1762)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115818	WGS_1984_(G1674)	VERTCS["WGS_1984_(G1674)",DATUM["World_Geodetic_System_1984_(G1674)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G1674)",DYNAMIC[FRAMEEPOCH[2007.5],MODEL["ITRF2008-PMM"]],DATUM["World_Geodetic_System_1984_(G1674)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115819	WGS_1984_(G1150)	VERTCS["WGS_1984_(G1150)",DATUM["World_Geodetic_System_1984_(G1150)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G1150)",DYNAMIC[FRAMEEPOCH[1999.5],MODEL["NNR-NUVEL1A"]],DATUM["World_Geodetic_System_1984_(G1150)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115820	WGS_1984_(G873)	VERTCS["WGS_1984_(G873)",DATUM["World_Geodetic_System_1984_(G873)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G873)",DYNAMIC[FRAMEEPOCH[1995.5],MODEL["NNR-NUVEL1A"]],DATUM["World_Geodetic_System_1984_(G873)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115821	WGS_1984_(G730)	VERTCS["WGS_1984_(G730)",DATUM["World_Geodetic_System_1984_(G730)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G730)",DYNAMIC[FRAMEEPOCH[1994.0]],DATUM["World_Geodetic_System_1984_(G730)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115822	ETRF90	VERTCS["ETRF90",DATUM["European_Terrestrial_Reference_Frame_1990",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF90",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["AM0-2"]],DATUM["European_Terrestrial_Reference_Frame_1990",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115823	ETRF91	VERTCS["ETRF91",DATUM["European_Terrestrial_Reference_Frame_1991",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF91",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1"]],DATUM["European_Terrestrial_Reference_Frame_1991",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115824	ETRF92	VERTCS["ETRF92",DATUM["European_Terrestrial_Reference_Frame_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF92",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1"]],DATUM["European_Terrestrial_Reference_Frame_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115825	ETRF93	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]]	VERTCRS["ETRF93",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115826	ETRF94	VERTCS["ETRF94",DATUM["European_Terrestrial_Reference_Frame_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF94",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115827	ETRF96	VERTCS["ETRF96",DATUM["European_Terrestrial_Reference_Frame_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF96",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115828	ETRF97	VERTCS["ETRF97",DATUM["European_Terrestrial_Reference_Frame_1997",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF97",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["NNR-NUVEL1A"]],DATUM["European_Terrestrial_Reference_Frame_1997",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115829	ETRF2000	VERTCS["ETRF2000",DATUM["European_Terrestrial_Reference_Frame_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF2000",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["ITRF2000-PMM"]],DATUM["European_Terrestrial_Reference_Frame_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115830	NAD83(CSRS96)	VERTCS["NAD83(CSRS96)",DATUM["North_American_Datum_of_1983_(CSRS96)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS96)",DATUM["North_American_Datum_of_1983_(CSRS96)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115831	NAD83(CSRS)v2	VERTCS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v2",DATUM["North_American_Datum_of_1983_(CSRS)_version_2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115832	NAD83(CSRS)v3	VERTCS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v3",DATUM["North_American_Datum_of_1983_(CSRS)_version_3",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115833	NAD83(CSRS)v4	VERTCS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v4",DATUM["North_American_Datum_of_1983_(CSRS)_version_4",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115834	NAD83(CSRS)v5	VERTCS["NAD83(CSRS)v5",DATUM["North_American_Datum_of_1983_(CSRS)_version_5",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v5",DATUM["North_American_Datum_of_1983_(CSRS)_version_5",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115835	NAD83(CSRS)v6	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]]	VERTCRS["NAD83(CSRS)v6",DATUM["North_American_Datum_of_1983_(CSRS)_version_6",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115836	NAD83(CSRS)v7	VERTCS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v7",DATUM["North_American_Datum_of_1983_(CSRS)_version_7",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115837	IGS14	VERTCS["IGS14",DATUM["IGS14",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS14",DYNAMIC[FRAMEEPOCH[2010.0]],DATUM["IGS14",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115838	ISN2016	VERTCS["ISN2016",DATUM["Islands_Net_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ISN2016",DATUM["Islands_Net_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115839	Hong_Kong_Geodetic_CS	VERTCS["Hong_Kong_Geodetic_CS",DATUM["Hong_Kong_Geodetic",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Hong_Kong_Geodetic_CS",DATUM["Hong_Kong_Geodetic",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115840	NAD_1983_(FBN)	VERTCS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_(FBN)",DATUM["NAD_1983_(Federal_Base_Network)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115841	NAD_1983_(HARN_Corrected)	VERTCS["NAD_1983_(HARN_Corrected)",DATUM["NAD_1983_(High_Accuracy_Reference_Network-Corrected)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD_1983_(HARN_Corrected)",DATUM["NAD_1983_(High_Accuracy_Reference_Network-Corrected)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115842	SRB_ETRS89	VERTCS["SRB_ETRS89",DATUM["Serbian_Spatial_Reference_System_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SRB_ETRS89",DATUM["Serbian_Spatial_Reference_System_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115843	MTRF-2000	VERTCS["MTRF-2000",DATUM["MOMRA_Terrestrial_Reference_Frame_2000",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MTRF-2000",DATUM["MOMRA_Terrestrial_Reference_Frame_2000",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115844	California_SRS_Epoch_2017.50_(NAD83)	VERTCS["California_SRS_Epoch_2017.50_(NAD83)",DATUM["California_SRS_Epoch_2017.50_(NAD83)",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["California_SRS_Epoch_2017.50_(NAD83)",DATUM["California_SRS_Epoch_2017.50_(NAD83)",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115845	GGD	VERTCS["GGD",DATUM["Georgia_Geodetic_Datum",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["GGD",DATUM["Georgia_Geodetic_Datum",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115846	ONGD14	VERTCS["ONGD14",DATUM["Oman_National_Geodetic_Datum_2014",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ONGD14",DATUM["Oman_National_Geodetic_Datum_2014",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115847	ONGD17	VERTCS["ONGD17",DATUM["Oman_National_Geodetic_Datum_2017",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ONGD17",DATUM["Oman_National_Geodetic_Datum_2017",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115848	S-JTSK_[JTSK03]	VERTCS["S-JTSK_[JTSK03]",DATUM["S-JTSK_[JTSK03]",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["S-JTSK_[JTSK03]",DATUM["S-JTSK_[JTSK03]",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115849	CR-SIRGAS	VERTCS["CR-SIRGAS",DATUM["CR-SIRGAS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CR-SIRGAS",DATUM["CR-SIRGAS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115850	RGWF96	VERTCS["RGWF96",DATUM["Reseau_Geodesique_de_Wallis_et_Futuna_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGWF96",DATUM["Reseau_Geodesique_de_Wallis_et_Futuna_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115851	SIRGAS-CON_DGF00P01	VERTCS["SIRGAS-CON_DGF00P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF00P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF00P01",DYNAMIC[FRAMEEPOCH[2000.4]],DATUM["SIRGAS_Continuously_Operating_Network_DGF00P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115852	SIRGAS-CON_DGF01P01	VERTCS["SIRGAS-CON_DGF01P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF01P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF01P01",DYNAMIC[FRAMEEPOCH[2000.0]],DATUM["SIRGAS_Continuously_Operating_Network_DGF01P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115853	SIRGAS-CON_DGF01P02	VERTCS["SIRGAS-CON_DGF01P02",DATUM["SIRGAS_Continuously_Operating_Network_DGF01P02",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF01P02",DYNAMIC[FRAMEEPOCH[1998.4]],DATUM["SIRGAS_Continuously_Operating_Network_DGF01P02",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115854	SIRGAS-CON_DGF02P01	VERTCS["SIRGAS-CON_DGF02P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF02P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF02P01",DYNAMIC[FRAMEEPOCH[2000.0]],DATUM["SIRGAS_Continuously_Operating_Network_DGF02P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115855	SIRGAS-CON_DGF04P01	VERTCS["SIRGAS-CON_DGF04P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF04P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF04P01",DYNAMIC[FRAMEEPOCH[2003.0]],DATUM["SIRGAS_Continuously_Operating_Network_DGF04P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115856	SIRGAS-CON_DGF05P01	VERTCS["SIRGAS-CON_DGF05P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF05P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF05P01",DYNAMIC[FRAMEEPOCH[2004.0]],DATUM["SIRGAS_Continuously_Operating_Network_DGF05P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115857	SIRGAS-CON_DGF06P01	VERTCS["SIRGAS-CON_DGF06P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF06P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF06P01",DYNAMIC[FRAMEEPOCH[2004.0]],DATUM["SIRGAS_Continuously_Operating_Network_DGF06P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115858	SIRGAS-CON_DGF07P01	VERTCS["SIRGAS-CON_DGF07P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF07P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF07P01",DYNAMIC[FRAMEEPOCH[2004.5]],DATUM["SIRGAS_Continuously_Operating_Network_DGF07P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115859	SIRGAS-CON_DGF08P01	VERTCS["SIRGAS-CON_DGF08P01",DATUM["SIRGAS_Continuously_Operating_Network_DGF08P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_DGF08P01",DYNAMIC[FRAMEEPOCH[2004.5]],DATUM["SIRGAS_Continuously_Operating_Network_DGF08P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115860	SIRGAS-CON_SIR09P01	VERTCS["SIRGAS-CON_SIR09P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR09P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR09P01",DYNAMIC[FRAMEEPOCH[2005.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR09P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115861	SIRGAS-CON_SIR10P01	VERTCS["SIRGAS-CON_SIR10P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR10P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR10P01",DYNAMIC[FRAMEEPOCH[2005.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR10P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115862	SIRGAS-CON_SIR11P01	VERTCS["SIRGAS-CON_SIR11P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR11P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR11P01",DYNAMIC[FRAMEEPOCH[2005.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR11P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115863	SIRGAS-CON_SIR13P01	VERTCS["SIRGAS-CON_SIR13P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR13P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR13P01",DYNAMIC[FRAMEEPOCH[2012.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR13P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115864	SIRGAS-CON_SIR14P01	VERTCS["SIRGAS-CON_SIR14P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR14P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR14P01",DYNAMIC[FRAMEEPOCH[2013.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR14P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115865	SIRGAS-CON_SIR15P01	VERTCS["SIRGAS-CON_SIR15P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR15P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR15P01",DYNAMIC[FRAMEEPOCH[2013.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR15P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115866	SIRGAS-CON_SIR17P01	VERTCS["SIRGAS-CON_SIR17P01",DATUM["SIRGAS_Continuously_Operating_Network_SIR17P01",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-CON_SIR17P01",DYNAMIC[FRAMEEPOCH[2015.0]],DATUM["SIRGAS_Continuously_Operating_Network_SIR17P01",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115867	IGS97	VERTCS["IGS97",DATUM["IGS97",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS97",DYNAMIC[FRAMEEPOCH[1997.0]],DATUM["IGS97",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115868	IGS00	VERTCS["IGS00",DATUM["IGS00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS00",DYNAMIC[FRAMEEPOCH[1998.0]],DATUM["IGS00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115869	IGb00	VERTCS["IGb00",DATUM["IGb00",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGb00",DYNAMIC[FRAMEEPOCH[1998.0]],DATUM["IGb00",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115870	IGS05	VERTCS["IGS05",DATUM["IGS05",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS05",DYNAMIC[FRAMEEPOCH[2000.0]],DATUM["IGS05",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115871	IGb08	VERTCS["IGb08",DATUM["IGb08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGb08",DYNAMIC[FRAMEEPOCH[2005.0]],DATUM["IGb08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115872	KOSOVAREF01	VERTCS["KOSOVAREF01",DATUM["Kosovo_Reference_System_2001",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KOSOVAREF01",DATUM["Kosovo_Reference_System_2001",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115873	ETRF2005	VERTCS["ETRF2005",DATUM["European_Terrestrial_Reference_Frame_2005",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF2005",DATUM["European_Terrestrial_Reference_Frame_2005",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115874	ETRF2014	VERTCS["ETRF2014",DATUM["European_Terrestrial_Reference_Frame_2014",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF2014",DYNAMIC[FRAMEEPOCH[2010.0],MODEL["ITRF2014-PMM"]],DATUM["European_Terrestrial_Reference_Frame_2014",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115875	CH1903+	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]]	VERTCRS["CH1903+",DATUM["D_CH1903+",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115876	ATRF2014	VERTCS["ATRF2014",DATUM["Australian_Terrestrial_Reference_Frame_2014",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ATRF2014",DYNAMIC[FRAMEEPOCH[2020.0]],DATUM["Australian_Terrestrial_Reference_Frame_2014",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115877	Australian_1984	VERTCS["Australian_1984",DATUM["D_Australian_1984",SPHEROID["Australian",6378160.0,298.25]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Australian_1984",DATUM["D_Australian_1984",ELLIPSOID["Australian",6378160.0,298.25,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115878	Australian_1966	VERTCS["Australian_1966",DATUM["D_Australian_1966",SPHEROID["Australian",6378160.0,298.25]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Australian_1966",DATUM["D_Australian_1966",ELLIPSOID["Australian",6378160.0,298.25,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115879	ITRF_1994	VERTCS["ITRF_1994",DATUM["D_ITRF_1994",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF_1994",DYNAMIC[FRAMEEPOCH[1993.0],MODEL["NNR-NUVEL1A"]],DATUM["D_ITRF_1994",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115880	POSGAR_2007	VERTCS["POSGAR_2007",DATUM["D_POSGAR_2007",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["POSGAR_2007",DATUM["D_POSGAR_2007",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115881	RGF93_v2	VERTCS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGF93_v2",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115882	RGF93_v2b	VERTCS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGF93_v2b",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115883	ITRF2020	VERTCS["ITRF2020",DATUM["International_Terrestrial_Reference_Frame_2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ITRF2020",DYNAMIC[FRAMEEPOCH[2015.0]],DATUM["International_Terrestrial_Reference_Frame_2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115884	SIRGAS_Chile_2021_height	VERTCS["SIRGAS_Chile_2021_height",DATUM["SIRGAS-Chile_realization_5_epoch_2021",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS_Chile_2021_height",DATUM["SIRGAS-Chile_realization_5_epoch_2021",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115885	WGS_1984_(G2139)_height	VERTCS["WGS_1984_(G2139)_height",DATUM["WGS_1984_(G2139)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G2139)_height",DYNAMIC[FRAMEEPOCH[2016.5],MODEL["ITRF2014-PMM"]],DATUM["WGS_1984_(G2139)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115886	LUREF	VERTCS["LUREF",DATUM["D_Luxembourg_Reference_Frame",SPHEROID["International_1924",6378388.0,297.0]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LUREF",DATUM["D_Luxembourg_Reference_Frame",ELLIPSOID["International_1924",6378388.0,297.0,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115887	Bermuda_2000	VERTCS["Bermuda_2000",DATUM["D_Bermuda_2000",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Bermuda_2000",DATUM["D_Bermuda_2000",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115888	CGRS_1993	VERTCS["CGRS_1993",DATUM["D_Cyprus_Geodetic_Reference_System_1993",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["CGRS_1993",DATUM["D_Cyprus_Geodetic_Reference_System_1993",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115889	ETRF_1989	VERTCS["ETRF_1989",DATUM["D_ETRF_1989",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF_1989",DYNAMIC[FRAMEEPOCH[1989.0],MODEL["AM0-2"]],DATUM["D_ETRF_1989",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115890	ETRF2000-PL	VERTCS["ETRF2000-PL",DATUM["ETRF2000_Poland",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF2000-PL",DATUM["ETRF2000_Poland",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115891	HTRS96	VERTCS["HTRS96",DATUM["D_Croatian_Terrestrial_Reference_System",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["HTRS96",DATUM["D_Croatian_Terrestrial_Reference_System",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115892	IGb14	VERTCS["IGb14",DATUM["IGb14",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGb14",DYNAMIC[FRAMEEPOCH[2010.0]],DATUM["IGb14",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115893	IGS08	VERTCS["IGS08",DATUM["IGS08",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS08",DYNAMIC[FRAMEEPOCH[2005.0],MODEL["ITRF2008-PMM"]],DATUM["IGS08",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115894	KSA-GRF17	VERTCS["KSA-GRF17",DATUM["Kingdom_of_Saudi_Arabia_Geodetic_Reference_Frame_2017",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["KSA-GRF17",DATUM["Kingdom_of_Saudi_Arabia_Geodetic_Reference_Frame_2017",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115895	Kyrg-06	VERTCS["Kyrg-06",DATUM["D_Kyrgyz_Republic_2006",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Kyrg-06",DATUM["D_Kyrgyz_Republic_2006",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115896	Lao_1993	VERTCS["Lao_1993",DATUM["D_Lao_1993",SPHEROID["Krasovsky_1940",6378245.0,298.3]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Lao_1993",DATUM["D_Lao_1993",ELLIPSOID["Krasovsky_1940",6378245.0,298.3,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115897	LTF2004(G)	VERTCS["LTF2004(G)",DATUM["Lyon_Turin_Ferroviaire_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LTF2004(G)",DATUM["Lyon_Turin_Ferroviaire_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115898	Mauritania_1999	VERTCS["Mauritania_1999",DATUM["D_Mauritania_1999",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Mauritania_1999",DATUM["D_Mauritania_1999",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115899	REDGEOMIN	VERTCS["REDGEOMIN",DATUM["Red_Geodesica_Para_Mineria_en_Chile",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["REDGEOMIN",DYNAMIC[FRAMEEPOCH[2019.0]],DATUM["Red_Geodesica_Para_Mineria_en_Chile",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115900	RGTAAF07	VERTCS["RGTAAF07",DATUM["D_Reseau_Geodesique_des_Terres_Australes_et_Antarctiques_Francaises_2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGTAAF07",DATUM["D_Reseau_Geodesique_des_Terres_Australes_et_Antarctiques_Francaises_2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115901	RGTAAF07_(lon-lat)	VERTCS["RGTAAF07_(lon-lat)",DATUM["D_Reseau_Geodesique_des_Terres_Australes_et_Antarctiques_Francaises_2007",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGTAAF07_(lon-lat)",DATUM["D_Reseau_Geodesique_des_Terres_Australes_et_Antarctiques_Francaises_2007",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115902	RSAO13	VERTCS["RSAO13",DATUM["Reference_System_de_Angola_2013",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RSAO13",DATUM["Reference_System_de_Angola_2013",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115903	SIRGAS-Chile_2010	VERTCS["SIRGAS-Chile_2010",DATUM["SIRGAS-Chile_realization_2_epoch_2010",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-Chile_2010",DATUM["SIRGAS-Chile_realization_2_epoch_2010",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115904	SIRGAS-Chile_2013	VERTCS["SIRGAS-Chile_2013",DATUM["SIRGAS-Chile_realization_3_epoch_2013",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-Chile_2013",DATUM["SIRGAS-Chile_realization_3_epoch_2013",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115905	SIRGAS-Chile_2016	VERTCS["SIRGAS-Chile_2016",DATUM["SIRGAS-Chile_realization_4_epoch_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS-Chile_2016",DATUM["SIRGAS-Chile_realization_4_epoch_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115906	SRGI2013	VERTCS["SRGI2013",DATUM["Sistem_Referensi_Geospasial_Indonesia_2013",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SRGI2013",DYNAMIC[FRAMEEPOCH[2012.0]],DATUM["Sistem_Referensi_Geospasial_Indonesia_2013",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115907	WGS_1966	VERTCS["WGS_1966",DATUM["D_WGS_1966",SPHEROID["NWL_9D",6378145.0,298.25]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1966",DYNAMIC[FRAMEEPOCH[1966.0]],DATUM["D_WGS_1966",ELLIPSOID["NWL_9D",6378145.0,298.25,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115908	WGS_1972	VERTCS["WGS_1972",DATUM["D_WGS_1972",SPHEROID["WGS_1972",6378135.0,298.26]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1972",DYNAMIC[FRAMEEPOCH[1972.0]],DATUM["D_WGS_1972",ELLIPSOID["WGS_1972",6378135.0,298.26,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115909	WGS_1972_BE	VERTCS["WGS_1972_BE",DATUM["D_WGS_1972_BE",SPHEROID["WGS_1972",6378135.0,298.26]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1972_BE",DYNAMIC[FRAMEEPOCH[1972.0]],DATUM["D_WGS_1972_BE",ELLIPSOID["WGS_1972",6378135.0,298.26,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115910	Mexican_Datum_of_1993	VERTCS["Mexican_Datum_of_1993",DATUM["D_Mexican_Datum_of_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["Mexican_Datum_of_1993",DATUM["D_Mexican_Datum_of_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115911	RGSPM06_(lon-lat)	VERTCS["RGSPM06_(lon-lat)",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGSPM06_(lon-lat)",DATUM["D_Reseau_Geodesique_de_St_Pierre_et_Miquelon_2006",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115912	RGR92_(lon-lat)	VERTCS["RGR92_(lon-lat)",DATUM["D_RGR_1992",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGR92_(lon-lat)",DATUM["D_RGR_1992",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115913	RGM04_(lon-lat)	VERTCS["RGM04_(lon-lat)",DATUM["D_Reseau_Geodesique_de_Mayotte_2004",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGM04_(lon-lat)",DATUM["D_Reseau_Geodesique_de_Mayotte_2004",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115914	RGFG95_(lon-lat)	VERTCS["RGFG95_(lon-lat)",DATUM["D_RGFG_1995",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGFG95_(lon-lat)",DATUM["D_RGFG_1995",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115915	RGF93_(lon-lat)	VERTCS["RGF93_(lon-lat)",DATUM["D_RGF_1993",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGF93_(lon-lat)",DATUM["D_RGF_1993",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115916	RGAF09_(lon-lat)	VERTCS["RGAF09_(lon-lat)",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGAF09_(lon-lat)",DATUM["Reseau_Geodesique_des_Antilles_Francaises_2009",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115917	RGWF96_(lon-lat)	VERTCS["RGWF96_(lon-lat)",DATUM["Reseau_Geodesique_de_Wallis_et_Futuna_1996",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGWF96_(lon-lat)",DATUM["Reseau_Geodesique_de_Wallis_et_Futuna_1996",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115918	RGF93_v2_(lon-lat)	VERTCS["RGF93_v2_(lon-lat)",DATUM["Reseau_Geodesique_Francais_1993_v2",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGF93_v2_(lon-lat)",DATUM["Reseau_Geodesique_Francais_1993_v2",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115919	RGF93_v2b_(lon-lat)	VERTCS["RGF93_v2b_(lon-lat)",DATUM["Reseau_Geodesique_Francais_1993_v2b",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGF93_v2b_(lon-lat)",DATUM["Reseau_Geodesique_Francais_1993_v2b",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115920	SIRGAS	VERTCS["SIRGAS",DATUM["D_SIRGAS",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["SIRGAS",DATUM["D_SIRGAS",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115921	MGI	VERTCS["MGI",DATUM["D_MGI",SPHEROID["Bessel_1841",6377397.155,299.1528128]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MGI",DATUM["D_MGI",ELLIPSOID["Bessel_1841",6377397.155,299.1528128,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115922	IGS20	VERTCS["IGS20",DATUM["IGS20",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["IGS20",DYNAMIC[FRAMEEPOCH[2015.0]],DATUM["IGS20",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115923	ETRS89_DREF91_2016	VERTCS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRS89_DREF91_2016",DATUM["ETRS89_DREF91_Realization_2016",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115924	RGSH2020	VERTCS["RGSH2020",DATUM["Sonatrach_Reference_Frame_2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGSH2020",DATUM["Sonatrach_Reference_Frame_2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115925	LKS-2020	VERTCS["LKS-2020",DATUM["Latvian_coordinate_system_2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["LKS-2020",DATUM["Latvian_coordinate_system_2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115926	RGNC_1991-93_(lon-lat)	VERTCS["RGNC_1991-93_(lon-lat)",DATUM["D_Reseau_Geodesique_de_Nouvelle_Caledonie_1991-93",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGNC_1991-93_(lon-lat)",DATUM["D_Reseau_Geodesique_de_Nouvelle_Caledonie_1991-93",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115927	RGNC15	VERTCS["RGNC15",DATUM["Reseau_Geodesique_de_Nouvelle_Caledonie_2015",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGNC15",DATUM["Reseau_Geodesique_de_Nouvelle_Caledonie_2015",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115928	RGNC15_(lon-lat)	VERTCS["RGNC15_(lon-lat)",DATUM["Reseau_Geodesique_de_Nouvelle_Caledonie_2015",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["RGNC15_(lon-lat)",DATUM["Reseau_Geodesique_de_Nouvelle_Caledonie_2015",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115929	BH_ETRS89	VERTCS["BH_ETRS89",DATUM["BH_ETRS89",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["BH_ETRS89",DATUM["BH_ETRS89",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115930	MAGNA-SIRGAS_2018	VERTCS["MAGNA-SIRGAS_2018",DATUM["Marco_Geocentrico_Nacional_de_Referencia_2018",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["MAGNA-SIRGAS_2018",DATUM["Marco_Geocentrico_Nacional_de_Referencia_2018",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115931	NAD83(CSRS)v8	VERTCS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["NAD83(CSRS)v8",DATUM["North_American_Datum_of_1983_(CSRS)_version_8",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]

WKID	Name	WKT1	WKT2
115932	ETRF2020	VERTCS["ETRF2020",DATUM["European_Terrestrial_Reference_Frame_2020",SPHEROID["GRS_1980",6378137.0,298.257222101]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["ETRF2020",DATUM["European_Terrestrial_Reference_Frame_2020",ELLIPSOID["GRS_1980",6378137.0,298.257222101,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]
115933	WGS_1984_(G2296)_height	VERTCS["WGS_1984_(G2296)_height",DATUM["World_Geodetic_System_1984_(G2296)",SPHEROID["WGS_1984",6378137.0,298.257223563]],PARAMETER["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0]]	VERTCRS["WGS_1984_(G2296)_height",DATUM["World_Geodetic_System_1984_(G2296)",ELLIPSOID["WGS_1984",6378137.0,298.257223563,LENGTHUNIT["Meter",1.0]]],CS[vertical,1],AXIS["Ellipsoidal height (h)",up,LENGTHUNIT["Meter",1.0]]]