

In black, no change from v7 to v10
 In magenta, change is to table or field name only.
 In blue, field deprecated
 In red, table or field is new in v10
 In green, supplementary table in registry but not Access

MySQL_Table_Script
Oracle_Table_Script
PostgreSQL_Table_Script

Access Version 7.1 tables
 June 2009 through to v9.x mid 2019

v7 Alias table

key, required	ALIAS_CODE	Long integer	Note 5	alias_code	INTEGER NOT NULL
required	OBJECT_TABLE_NAME	Text 80		object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long integer		object_code	INTEGER NOT NULL
required	NAMING_SYSTEM_CODE	Long integer		naming_system_code	INTEGER NOT NULL
required	ALIAS	Text 80		alias	VARCHAR(80) NOT NULL
	REMARKS	Text 254		remarks	VARCHAR(254)
				CONSTRAINT pk_alias PRIMARY KEY (alias_code) ;	

MySQL_Table_Script
Oracle_Table_Script
PostgreSQL_Table_Script

Access Version 10.x tables
 Mid 2019

v10 Alias table

key, required	ALIAS_CODE	Long integer		alias_code	INTEGER NOT NULL
required	OBJECT_TABLE_NAME	Text 80		object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long integer		object_code	INTEGER NOT NULL
required	NAMING_SYSTEM_CODE	Long integer		naming_system_code	INTEGER NOT NULL
required	ALIAS	Text 80		alias	VARCHAR(80) NOT NULL
	REMARKS	Text 254		remarks	VARCHAR(254)
				CONSTRAINT pk_alias PRIMARY KEY (alias_code) ;	

v7 Area table

key, required	AREA_CODE	Long integer		area_code	INTEGER NOT NULL
required	AREA_NAME	Text 80		area_name	VARCHAR(80) NOT NULL
required	AREA_OF_USE	Memo		area_of_use	VARCHAR(4000) NOT NULL
	AREA_SOUTH_BOUND_LAT	Double number		area_south_bound_lat	DOUBLE PRECISION
	AREA_NORTH_BOUND_LAT	Double number		area_north_bound_lat	DOUBLE PRECISION
	AREA_WEST_BOUND_LON	Double number		area_west_bound_lon	DOUBLE PRECISION
	AREA_EAST_BOUND_LON	Double number		area_east_bound_lon	DOUBLE PRECISION
	AREA_POLYGON_FILE_REF	Text 254		area_polygon_file_ref	VARCHAR(254)
	ISO_A2_CODE	Text 2		iso_a2_code	VARCHAR(2)
	ISO_A3_CODE	Text 3		iso_a3_code	VARCHAR(3)
	ISO_N_CODE	Long integer		iso_n_code	INTEGER
	REMARKS	Text 254		remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254		information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40		data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date		revision_date	DATE NOT NULL
	CHANGE_ID	Text 255	Note 1	change_id	VARCHAR(255)
default=no	DEPRECATED	Yes/No		deprecated	SMALLINT NOT NULL
				CONSTRAINT pk_area PRIMARY KEY (area_code) ;	

Table replaced by Extent table

This field not included in Extent table

v7 Change table

required	CHANGE_ID	Double number		change_id	DOUBLE PRECISION NOT NULL UNIQUE
required	REPORT_DATE	Medium date		report_date	DATE NOT NULL
	DATE_CLOSED	Medium date		date_closed	DATE
required	REPORTER	Text 254		reporter	VARCHAR(254) NOT NULL
required	REQUEST	Text 254		request	VARCHAR(254) NOT NULL
	TABLES_AFFECTED	Text 254		tables_affected	VARCHAR(254)
	CODES_AFFECTED	Text 254		codes_affected	VARCHAR(254)
	COMMENT	Text 254	Note 5	change comment	VARCHAR(254)
	ACTION	Memo		action	VARCHAR(4000)

v10 Change table

required	CHANGE_ID	Double number		change_id	DOUBLE PRECISION NOT NULL UNIQUE
required	REPORT_DATE	Medium date		report_date	DATE NOT NULL
	DATE_CLOSED	Medium date		date_closed	DATE
required	REPORTER	Text 254		reporter	VARCHAR(254) NOT NULL
required	REQUEST	Text 254		request	VARCHAR(254) NOT NULL
	TABLES_AFFECTED	Text 254		tables_affected	VARCHAR(254)
	CODES_AFFECTED	Text 254		codes_affected	VARCHAR(254)
	COMMENT	Text 254		change comment	VARCHAR(254)
	ACTION	Memo		action	VARCHAR(4000)

v7 Coordinate Axis table

key, required	COORD_AXIS_CODE	Long integer		coord_axis_code	INTEGER UNIQUE
key, required	COORD_SYS_CODE	Long integer		coord_sys_code	INTEGER NOT NULL
key, required	COORD_AXIS_NAME_CODE	Long integer		coord_axis_name_code	INTEGER NOT NULL
required	COORD_AXIS_ORIENTATION	Text 24		coord_axis_orientation	VARCHAR(24) NOT NULL
required	COORD_AXIS_ABBREVIATION	Text 24		coord_axis_abbreviation	VARCHAR(24) NOT NULL
required	UOM_CODE	Long integer		uom_code	INTEGER NOT NULL
required	ORDER	Short Integer	Note 5	coord_axis_order	SMALLINT NOT NULL
				CONSTRAINT pk_coordinateaxis PRIMARY KEY (coord_sys_code, coord_axis_name_code) ;	

v10 ConventionalRS table

key, required	CONVENTIONAL_RS_CODE	Long integer		conventional_rs_code	INTEGER NOT NULL
required	CONVENTIONAL_RS_NAME	Text 80		conventional_rs_name	VARCHAR(80) NOT NULL
	REMARKS	Text 254		remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254		information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40		data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date		revision_date	DATE NOT NULL
	CHANGE_ID	Text 254		change_id	VARCHAR(254)
default=no	DEPRECATED	Yes/No		deprecated	SMALLINT NOT NULL
				CONSTRAINT pk_conventional_rs PRIMARY KEY (conventional_rs_code) ;	

v10 Coordinate Axis table

key, required	COORD_AXIS_CODE	Long integer		coord_axis_code	INTEGER UNIQUE
key, required	COORD_SYS_CODE	Long integer		coord_sys_code	INTEGER NOT NULL
key, required	COORD_AXIS_NAME_CODE	Long integer		coord_axis_name_code	INTEGER NOT NULL
required	COORD_AXIS_ORIENTATION	Text 24		coord_axis_orientation	VARCHAR(24) NOT NULL
required	COORD_AXIS_ABBREVIATION	Text 24		coord_axis_abbreviation	VARCHAR(24) NOT NULL
(NOT required)	UOM_CODE	Long integer		uom_code	INTEGER
required	ORDER	Short Integer		coord_axis_order	SMALLINT NOT NULL
				CONSTRAINT pk_coordinateaxis PRIMARY KEY (coord_sys_code, coord_axis_name_code) ;	

Requirement changed from mandatory to optional

v7 Coordinate Axis Name table

key, required	COORD_AXIS_NAME_CODE	Long integer		coord_axis_name_code	INTEGER NOT NULL
required	COORD_AXIS_NAME	Text 80		coord_axis_name	VARCHAR(80) NOT NULL
	DESCRIPTION	Text 254		description	VARCHAR(254)
	REMARKS	Text 254		remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254		information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40		data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date		revision_date	DATE NOT NULL
	CHANGE_ID	Text 255	Note 1	change_id	VARCHAR(255)

v10 Coordinate Axis Name table

key, required	COORD_AXIS_NAME_CODE	Long integer		coord_axis_name_code	INTEGER NOT NULL
required	COORD_AXIS_NAME	Text 80		coord_axis_name	VARCHAR(80) NOT NULL
	DESCRIPTION	Text 254		description	VARCHAR(254)
	REMARKS	Text 254		remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254		information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40		data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date		revision_date	DATE NOT NULL
	CHANGE_ID	Text 254		change_id	VARCHAR(254)

default=no DEPRECATED Yes/No deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinateaxisname PRIMARY KEY (coord_axis_name_code)
);

default=no DEPRECATED Yes/No deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinateaxisname PRIMARY KEY (coord_axis_name_code)
);

default=no DEPRECATED Yes/No deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinateaxisname PRIMARY KEY (coord_axis_name_code)
);

v7 Coordinate Reference System table

key, required COORD_REF_SYS_CODE Long integer
 required COORD_REF_SYS_NAME Text 80
 required AREA_OF_USE_CODE Long integer
 required COORD_REF_SYS_KIND Text 24
 required COORD_SYS_CODE Long integer
 required DATUM_CODE Long integer
 required SOURCE_GEOGCRS_CODE Long integer
 required PROJECTION_CONV_CODE Long integer
 required CMPD_HORIZCRS_CODE Long integer
 required CMPD_VERTCRS_CODE Long integer
 required CRS_SCOPE Text 254
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 255 Note 1
 required SHOW_CRS Yes/No
 default=no DEPRECATED Yes/No

TABLE epsg_coordinatereferencesystem

coord_ref_sys_code INTEGER NOT NULL
 coord_ref_sys_name VARCHAR(80) NOT NULL
 area_of_use_code INTEGER NOT NULL
 coord_ref_sys_kind VARCHAR(24) NOT NULL
 coord_sys_code INTEGER
 datum_code INTEGER
 source_geogcrs_code INTEGER
 projection_conv_code INTEGER
 cmpd_horizcrs_code INTEGER
 cmpd_vertcrs_code INTEGER
 crs_scope VARCHAR(254) NOT NULL
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(255)
 show_crs SMALLINT NOT NULL
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinatereferencesystem PRIMARY KEY (coord_ref_sys_code));

v10 Coordinate Reference System table

key, required COORD_REF_SYS_CODE Long integer
 required COORD_REF_SYS_NAME Text 80
 (NOT required) AREA_OF_USE_CODE Long integer
 required COORD_REF_SYS_KIND Text 24
 required COORD_SYS_CODE Long integer
 required DATUM_CODE Long integer
 required BASE_CRS_CODE Long integer
 required PROJECTION_CONV_CODE Long integer
 required CMPD_HORIZCRS_CODE Long integer
 required CMPD_VERTCRS_CODE Long integer
 (NOT required) CRS_SCOPE Text 254
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 254
 required SHOW_CRS Yes/No
 default=no DEPRECATED Yes/No

TABLE epsg_coordinatereferencesystem

coord_ref_sys_code INTEGER NOT NULL
 coord_ref_sys_name VARCHAR(80) NOT NULL
 area_of_use_code INTEGER
 coord_ref_sys_kind VARCHAR(24) NOT NULL
 coord_sys_code INTEGER
 datum_code INTEGER
 base_crs_code INTEGER
 projection_conv_code INTEGER
 cmpd_horizcrs_code INTEGER
 cmpd_vertcrs_code INTEGER
 crs_scope VARCHAR(254)
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(254)
 show_crs SMALLINT NOT NULL
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinatereferencesystem PRIMARY KEY (coord_ref_sys_code));

Field deprecated but retained (unpopulated) for backward compatibility

Name changed to better reflect use in derived CRS

Field deprecated but retained (unpopulated) for backward compatibility

v7 Coordinate System table

key, required COORD_SYS_CODE Long integer
 required COORD_SYS_NAME Text 254
 required COORD_SYS_TYPE Text 24
 required DIMENSION Short integer
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 50 Note 2
 required REVISION_DATE Medium date
 required CHANGE_ID Text 255 Note 1
 default=no DEPRECATED Yes/No

TABLE epsg_coordinatesystem

coord_sys_code INTEGER NOT NULL
 coord_sys_name VARCHAR(254) NOT NULL
 coord_sys_type VARCHAR(24) NOT NULL
 dimension SMALLINT NOT NULL
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(255)
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinatesystem PRIMARY KEY (coord_sys_code));

v10 Coordinate System table

key, required COORD_SYS_CODE Long integer
 required COORD_SYS_NAME Text 254
 required COORD_SYS_TYPE Text 24
 required DIMENSION Short integer
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 254
 default=no DEPRECATED Yes/No

TABLE epsg_coordinatesystem

coord_sys_code INTEGER NOT NULL
 coord_sys_name VARCHAR(254) NOT NULL
 coord_sys_type VARCHAR(24) NOT NULL
 dimension SMALLINT NOT NULL
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(254)
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinatesystem PRIMARY KEY (coord_sys_code));

v7 Coordinate Operation table

key, required COORD_OP_CODE Long integer
 required COORD_OP_NAME Text 80
 required COORD_OP_TYPE Text 24
 required SOURCE_CRS_CODE Long integer
 required TARGET_CRS_CODE Long integer
 required COORD_TFM_VERSION Text 24
 required COORD_OP_VARIANT Short integer
 required AREA_OF_USE_CODE Long integer
 required COORD_OP_SCOPE Text 254
 required COORD_OP_ACCURACY Single number
 required COORD_OP_METHOD_CODE Long integer
 required UOM_CODE_SOURCE_OFFSETS Long integer
 required UOM_CODE_TARGET_OFFSETS Long integer
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 255 Note 1
 required SHOW_OPERATION Yes/No
 default=no DEPRECATED Yes/No

TABLE epsg_coordoperation

coord_op_code INTEGER NOT NULL
 coord_op_name VARCHAR(80) NOT NULL
 coord_op_type VARCHAR(24) NOT NULL
 source_crs_code INTEGER
 target_crs_code INTEGER
 coord_tfm_version VARCHAR(24)
 coord_op_variant SMALLINT
 area_of_use_code INTEGER NOT NULL
 coord_op_scope VARCHAR(254) NOT NULL
 coord_op_accuracy FLOAT
 coord_op_method_code INTEGER
 uom_code_source_coord_diff INTEGER
 uom_code_target_coord_diff INTEGER
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(255)
 show_operation SMALLINT NOT NULL
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinate_operation PRIMARY KEY (coord_op_code));

v10 Coordinate Operation table

key, required COORD_OP_CODE Long integer
 required COORD_OP_NAME Text 80
 required COORD_OP_TYPE Text 24
 required SOURCE_CRS_CODE Long integer
 required TARGET_CRS_CODE Long integer
 required COORD_TFM_VERSION Text 24
 required COORD_OP_VARIANT Short integer
 (NOT required) AREA_OF_USE_CODE Long integer
 (NOT required) COORD_OP_SCOPE Text 254
 required COORD_OP_ACCURACY Single number
 required COORD_OP_METHOD_CODE Long integer
 required UOM_CODE_SOURCE_OFFSETS Long integer
 required UOM_CODE_TARGET_OFFSETS Long integer
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 254
 required SHOW_OPERATION Yes/No
 default=no DEPRECATED Yes/No

TABLE epsg_coordoperation

coord_op_code INTEGER NOT NULL
 coord_op_name VARCHAR(80) NOT NULL
 coord_op_type VARCHAR(24) NOT NULL
 source_crs_code INTEGER
 target_crs_code INTEGER
 coord_tfm_version VARCHAR(24)
 coord_op_variant SMALLINT
 area_of_use_code INTEGER
 coord_op_scope VARCHAR(254)
 coord_op_accuracy FLOAT
 coord_op_method_code INTEGER
 uom_code_source_coord_diff INTEGER
 uom_code_target_coord_diff INTEGER
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(254)
 show_operation SMALLINT NOT NULL
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinate_operation PRIMARY KEY (coord_op_code));

Field deprecated but retained (unpopulated) for backward compatibility

Field deprecated but retained (unpopulated) for backward compatibility

v7 Coordinate Operation Method table

key, required COORD_OP_METHOD_CODE Long integer
 required COORD_OP_METHOD_NAME Text 50 Note 2
 required REVERSE_OP Yes/No
 required FORMULA Memo
 required EXAMPLE Memo
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 255 Note 1
 default=no DEPRECATED Yes/No

TABLE epsg_coordoperationmethod

coord_op_method_code INTEGER NOT NULL
 coord_op_method_name VARCHAR(80) NOT NULL
 reverse_op SMALLINT NOT NULL
 formula VARCHAR(4000)
 example VARCHAR(4000)
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(255)
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinate_operationmethod PRIMARY KEY (coord_op_method_code));

v10 Coordinate Operation Method table

key, required COORD_OP_METHOD_CODE Long integer
 required COORD_OP_METHOD_NAME Text 80
 required REVERSE_OP Yes/No
 required FORMULA Memo
 required EXAMPLE Memo
 required REMARKS Text 254
 required INFORMATION_SOURCE Text 254
 required DATA_SOURCE Text 40
 required REVISION_DATE Medium date
 required CHANGE_ID Text 254
 default=no DEPRECATED Yes/No

TABLE epsg_coordoperationmethod

coord_op_method_code INTEGER NOT NULL
 coord_op_method_name VARCHAR(80) NOT NULL
 reverse_op SMALLINT NOT NULL
 formula VARCHAR(4000)
 example VARCHAR(4000)
 remarks VARCHAR(254)
 information_source VARCHAR(254)
 data_source VARCHAR(40) NOT NULL
 revision_date DATE NOT NULL
 change_id VARCHAR(254)
 deprecated SMALLINT NOT NULL
 CONSTRAINT pk_coordinate_operationmethod PRIMARY KEY (coord_op_method_code));

<u>v7 Coordinate Operation Parameter table</u>			<u>TABLE epsg_coordoperationparam</u>		
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	PARAMETER_NAME	Text 80	parameter_name	VARCHAR(80) NOT NULL	
	DESCRIPTION	Memo	description	VARCHAR(4000)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL	
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL	
	CHANGE_ID	Text 255	change_id	VARCHAR(255)	Note 1
default=no	DEPRECATED	Yes/No	deprecated	SMALLINT NOT NULL	
			CONSTRAINT pk_coordinate_operationparam PRIMARY KEY (parameter_code));		

<u>v10 Coordinate Operation Parameter table</u>			<u>TABLE epsg_coordoperationparam</u>		
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	PARAMETER_NAME	Text 80	parameter_name	VARCHAR(80) NOT NULL	
	DESCRIPTION	Memo	description	VARCHAR(4000)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL	
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL	
	CHANGE_ID	Text 254	change_id	VARCHAR(254)	
default=no	DEPRECATED	Yes/No	deprecated	SMALLINT NOT NULL	
			CONSTRAINT pk_coordinate_operationparam PRIMARY KEY (parameter_code));		

<u>v7 Coordinate Operation Parameter Usage table</u>			<u>TABLE epsg_coordoperationparamusage</u>		
key, required	COORD_OP_METHOD_CODE	Long integer	coord_op_method_code	INTEGER NOT NULL	
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	SORT_ORDER	Short integer	sort_order	SMALLINT NOT NULL	
	PARAM_SIGN_REVERSAL	Text 3	param_sign_reversal	VARCHAR(3)	Note 3
			CONSTRAINT pk_coordinate_operationparam2 PRIMARY KEY (parameter_code, coord_op_method_code));		

<u>v10 Coordinate Operation Parameter Usage table</u>			<u>TABLE epsg_coordoperationparamusage</u>		
key, required	COORD_OP_METHOD_CODE	Long integer	coord_op_method_code	INTEGER NOT NULL	
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	SORT_ORDER	Short integer	sort_order	SMALLINT NOT NULL	
	PARAM_SIGN_REVERSAL	Text 3	param_sign_reversal	VARCHAR(3)	
			CONSTRAINT pk_coordinate_operationparam2 PRIMARY KEY (parameter_code, coord_op_method_code));		

<u>v7 Coordinate Operation Parameter Value table</u>			<u>TABLE epsg_coordoperationparamvalue</u>		
key, required	COORD_OP_CODE	Long integer	coord_op_code	INTEGER NOT NULL	
key, required	COORD_OP_METHOD_CODE	Long integer	coord_op_method_code	INTEGER NOT NULL	
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	PARAMETER_VALUE	Double number	parameter_value	DOUBLE PRECISION	
	PARAM_VALUE_FILE_REF	Text 254	param_value_file_ref	VARCHAR(254)	
	UOM_CODE	Long integer	uom_code	INTEGER	
			CONSTRAINT pk_coordinate_operationparam3 PRIMARY KEY (coord_op_code, parameter_code, coord_op_method_code));		

<u>v10 Coordinate Operation Parameter Value table</u>			<u>TABLE epsg_coordoperationparamvalue</u>		
key, required	COORD_OP_CODE	Long integer	coord_op_code	INTEGER NOT NULL	
key, required	COORD_OP_METHOD_CODE	Long integer	coord_op_method_code	INTEGER NOT NULL	
key, required	PARAMETER_CODE	Long integer	parameter_code	INTEGER NOT NULL	
required	PARAMETER_VALUE	Double number	parameter_value	DOUBLE PRECISION	
	PARAM_VALUE_FILE_REF	Text 254	param_value_file_ref	VARCHAR(254)	
	UOM_CODE	Long integer	uom_code	INTEGER	
			CONSTRAINT pk_coordinate_operationparam3 PRIMARY KEY (coord_op_code, parameter_code, coord_op_method_code));		

<u>v7 Coordinate Operation Path table</u>			<u>TABLE epsg_coordoperationpath</u>		
key, required	CONCAT_OPERATION_CODE	Long integer	concat_operation_code	INTEGER NOT NULL	
key, required	SINGLE_OPERATION_CODE	Long integer	single_operation_code	INTEGER NOT NULL	
required	OP_PATH_STEP	Short integer	op_path_step	SMALLINT NOT NULL	
			CONSTRAINT pk_coordinate_operationpath PRIMARY KEY (concat_operation_code, single_operation_code));		

<u>v10 Coordinate Operation Path table</u>			<u>TABLE epsg_coordoperationpath</u>		
key, required	CONCAT_OPERATION_CODE	Long integer	concat_operation_code	INTEGER NOT NULL	
key, required	SINGLE_OPERATION_CODE	Long integer	single_operation_code	INTEGER NOT NULL	
required	OP_PATH_STEP	Short integer	op_path_step	SMALLINT NOT NULL	
			CONSTRAINT pk_coordinate_operationpath PRIMARY KEY (concat_operation_code, single_operation_code));		

<u>v7 Datum table</u>			<u>TABLE epsg_datum</u>		
key, required	DATUM_CODE	Long integer	datum_code	INTEGER NOT NULL	
required	DATUM_NAME	Text 80	datum_name	VARCHAR(80) NOT NULL	
	DATUM_TYPE	Text 24	datum_type	VARCHAR(24) NOT NULL	"geodetic", "dynamic geodetic", "vertical"; "dynamic vertical"; "engineering" or "ensemble".
	ORIGIN_DESCRIPTION	Text 254	origin_description	VARCHAR(254)	Field deprecated but retained (unpopulated) for backward compatibility
	REALIZATION_EPOCH	Text 10	realization_epoch	VARCHAR(10)	Field deprecated but retained (unpopulated) for backward compatibility
	ELLIPSOID_CODE	Long integer	ellipsoid_code	INTEGER	
	PRIME_MERIDIAN_CODE	Long integer	prime_meridian_code	INTEGER	
required	AREA_OF_USE_CODE	Long integer	area_of_use_code	INTEGER	Field deprecated but retained (unpopulated) for backward compatibility
required	DATUM_SCOPE	Text 254	datum_scope	VARCHAR(254)	Field deprecated but retained (unpopulated) for backward compatibility
	REMARKS	Text 254	remarks	VARCHAR(254)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL	
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL	
	CHANGE_ID	Text 255	change_id	VARCHAR(254)	Note 1
default=no	DEPRECATED	Yes/No	deprecated	SMALLINT NOT NULL	
			CONSTRAINT pk_datum PRIMARY KEY (datum_code));		

<u>v10 Datum table</u>			<u>TABLE epsg_datum</u>		
key, required	DATUM_CODE	Long integer	datum_code	INTEGER NOT NULL	
required	DATUM_NAME	Text 80	datum_name	VARCHAR(80) NOT NULL	
	DATUM_TYPE	Text 24	datum_type	VARCHAR(24) NOT NULL	
	ORIGIN_DESCRIPTION	Text 254	origin_description	VARCHAR(254)	
	REALIZATION_EPOCH	Text 10	realization_epoch	VARCHAR(10)	
	ELLIPSOID_CODE	Long integer	ellipsoid_code	INTEGER	
	PRIME_MERIDIAN_CODE	Long integer	prime_meridian_code	INTEGER	
(NOT required)	AREA_OF_USE_CODE	Long integer	area_of_use_code	INTEGER	
(NOT required)	DATUM_SCOPE	Text 254	datum_scope	VARCHAR(254)	
	REMARKS	Text 254	remarks	VARCHAR(254)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL	
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL	
	CHANGE_ID	Text 254	change_id	VARCHAR(254)	
default=no	DEPRECATED	Yes/No	deprecated	SMALLINT NOT NULL	
	CONVENTIONAL_RS_CODE	Long integer	conventional_rs_code	INTEGER	
	PUBLICATION_DATE	Text 10	publication_date	VARCHAR(10)	Replaces REALIZATION_EPOCH for static datums
	FRAME_REFERENCE_EPOCH	Double number	frame_reference_epoch	DOUBLE PRECISION	Replaces REALIZATION_EPOCH for dynamic datums
	REALIZATION_METHOD_CODE	Long integer	realization_method_code	INTEGER	
			CONSTRAINT pk_datum PRIMARY KEY (datum_code));		

<u>v10 Datum Ensemble table</u>			<u>TABLE epsg_datumensemble</u>		
key, required	DATUM_CODE	Long integer	datum_code	INTEGER NOT NULL	
	ENSEMBLE_ACCURACY	Single number	ensemble_accuracy	FLOAT	
			CONSTRAINT pk_datumensemble PRIMARY KEY (datum_ensemble_code));		

<u>v10 Datum Ensemble Member table</u>			<u>TABLE epsg_datumensemblemember</u>		
key, required	DATUM_ENSEMBLE_CODE	Long integer	datum_ensemble_code	INTEGER NOT NULL	
key, required	DATUM_CODE	Long integer	datum_code	INTEGER NOT NULL	
required	DATUM_SEQUENCE	Long integer	datum_sequence	INTEGER NOT NULL	
			CONSTRAINT pk_datumensemblemember PRIMARY KEY (datum_ensemble_code, datum_code));		

<u>v10 datumRealizationMethod table</u>			<u>TABLE epsg_datumrealizationmethod</u>		
key, required	REALIZATION_METHOD_CODE	Long integer	realization_method_code	INTEGER NOT NULL	
required	REALIZATION_METHOD_NAME	Text 80	realization_method_name	VARCHAR(80) NOT NULL	
	REMARKS	Text 254	remarks	VARCHAR(254)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	

<u>v10 datumRealizationMethod table</u>			<u>TABLE epsg_datumrealizationmethod</u>		
key, required	REALIZATION_METHOD_CODE	Long integer	realization_method_code	INTEGER NOT NULL	
required	REALIZATION_METHOD_NAME	Text 80	realization_method_name	VARCHAR(80) NOT NULL	
	REMARKS	Text 254	remarks	VARCHAR(254)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	

<u>v10 datumRealizationMethod table</u>			<u>TABLE epsg_datumrealizationmethod</u>		
key, required	REALIZATION_METHOD_CODE	Long integer	realization_method_code	INTEGER NOT NULL	
required	REALIZATION_METHOD_NAME	Text 80	realization_method_name	VARCHAR(80) NOT NULL	
	REMARKS	Text 254	remarks	VARCHAR(254)	
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)	

required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 255	change_id	VARCHAR(255)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_namingsystem PRIMARY KEY (naming_system_code) ;	

required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 254	change_id	VARCHAR(254)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_namingsystem PRIMARY KEY (naming_system_code) ;	

v7 Prime Meridian table				
	PRIME_MERIDIAN_CODE	Long integer	prime_meridian_code	INTEGER NOT NULL
key, required	PRIME_MERID_NAME	Text 80	prime_meridian_name	VARCHAR(80) NOT NULL
required	GREENWICH_LONGITUDE	Double number	greenwich_longitude	DOUBLE PRECISION NOT NULL
required	UOM_CODE	Long integer	uom_code	INTEGER NOT NULL
required	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 255	change_id	VARCHAR(255)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_prime meridian PRIMARY KEY (prime_meridian_code) ;	

v10 Prime Meridian table				
key, required	PRIME_MERIDIAN_CODE	Long integer	prime_meridian_code	INTEGER NOT NULL
required	PRIME_MERID_NAME	Text 80	prime_meridian_name	VARCHAR(80) NOT NULL
required	GREENWICH_LONGITUDE	Double number	greenwich_longitude	DOUBLE PRECISION NOT NULL
required	UOM_CODE	Long integer	uom_code	INTEGER NOT NULL
required	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 254	change_id	VARCHAR(254)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_prime meridian PRIMARY KEY (prime_meridian_code) ;	

v7 Scope table				
key, required	SCOPE_CODE	Long integer	scope_code	INTEGER NOT NULL
required	SCOPE	Text 254	scope	VARCHAR(254) NOT NULL
	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 254	change_id	VARCHAR(254)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_scope PRIMARY KEY (scope_code) ;	

v10 Scope table				
key, required	SCOPE_CODE	Long integer	scope_code	INTEGER NOT NULL
required	SCOPE	Text 254	scope	VARCHAR(254) NOT NULL
	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 254	change_id	VARCHAR(254)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_scope PRIMARY KEY (scope_code) ;	

v7 Supersession table				
	SUPERSESSION_TYPE	Long Integer	supersession_id	INTEGER
key	OBJECT_TABLE_NAME	Text 80	object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long Integer	object_code	INTEGER NOT NULL
required	SUPERSEDED_BY	Long Integer	superseded_by	INTEGER
	SUPERSESSION_TYPE	Text 50	supersession_type	VARCHAR(50)
	SUPERSESSION_YEAR	Short integer	supersession_year	SMALLINT
	REMARKS	Text 254	remarks	VARCHAR(254)
default=no			CONSTRAINT pk_supersession PRIMARY KEY (supersession_id) ;	

v10 Supersession table				
key	SUPERSESSION_TYPE	Long Integer	supersession_id	INTEGER
required	OBJECT_TABLE_NAME	Text 80	object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long Integer	object_code	INTEGER NOT NULL
	SUPERSEDED_BY	Long Integer	superseded_by	INTEGER
	SUPERSESSION_TYPE	Text 50	supersession_type	VARCHAR(50)
	SUPERSESSION_YEAR	Short integer	supersession_year	SMALLINT
	REMARKS	Text 254	remarks	VARCHAR(254)
default=no			CONSTRAINT pk_supersession PRIMARY KEY (supersession_id) ;	

v7 Unit of Measure table				
key, required	UOM_CODE	Long integer	uom_code	INTEGER NOT NULL
required	UNIT_OF_MEAS_NAME	Text 80	unit_of_meas_name	VARCHAR(80) NOT NULL
required	UNIT_OF_MEAS_TYPE	Text 50	unit_of_meas_type	VARCHAR(50)
	TARGET_UOM_CODE	Long integer	target_uom_code	INTEGER NOT NULL
required	FACTOR_B	Double number	factor_b	DOUBLE PRECISION
	FACTOR_C	Double number	factor_c	DOUBLE PRECISION
	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 255	change_id	VARCHAR(255)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_unitofmeasure PRIMARY KEY (uom_code) ;	

v10 Unit of Measure table				
key, required	UOM_CODE	Long integer	uom_code	INTEGER NOT NULL
required	UNIT_OF_MEAS_NAME	Text 80	unit_of_meas_name	VARCHAR(80) NOT NULL
required	UNIT_OF_MEAS_TYPE	Text 50	unit_of_meas_type	VARCHAR(50)
required	TARGET_UOM_CODE	Long integer	target_uom_code	INTEGER NOT NULL
	FACTOR_B	Double number	factor_b	DOUBLE PRECISION
	FACTOR_C	Double number	factor_c	DOUBLE PRECISION
	REMARKS	Text 254	remarks	VARCHAR(254)
	INFORMATION_SOURCE	Text 254	information_source	VARCHAR(254)
required	DATA_SOURCE	Text 40	data_source	VARCHAR(40) NOT NULL
required	REVISION_DATE	Medium date	revision_date	DATE NOT NULL
required	CHANGE_ID	Text 254	change_id	VARCHAR(254)
DEPRECATED		Yes/No	deprecated	SMALLINT NOT NULL
default=no			CONSTRAINT pk_unitofmeasure PRIMARY KEY (uom_code) ;	

v7 Usage table				
key, required	USAGE_CODE	Long integer	usage_code	INTEGER NOT NULL
required	OBJECT_TABLE_NAME	Text 80	object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long integer	object_code	INTEGER NOT NULL
required	EXTENT_CODE	Long integer	extent_code	INTEGER NOT NULL
required	SCOPE_CODE	Long integer	scope_code	INTEGER NOT NULL
default=no			CONSTRAINT pk_usage PRIMARY KEY (usage_code) ;	

v10 Usage table				
key, required	USAGE_CODE	Long integer	usage_code	INTEGER NOT NULL
required	OBJECT_TABLE_NAME	Text 80	object_table_name	VARCHAR(80) NOT NULL
required	OBJECT_CODE	Long integer	object_code	INTEGER NOT NULL
required	EXTENT_CODE	Long integer	extent_code	INTEGER NOT NULL
required	SCOPE_CODE	Long integer	scope_code	INTEGER NOT NULL
default=no			CONSTRAINT pk_usage PRIMARY KEY (usage_code) ;	

v7 Version History table				
key, required	VERSION_HISTORY_CODE	Long integer	version_history_code	INTEGER NOT NULL
required	VERSION_DATE	Medium date	version_date	DATE
	VERSION_NUMBER	Text 10	version_number	VARCHAR(10) NOT NULL UNIQUE
required	VERSION_REMARKS	Text 254	version_remarks	VARCHAR(254) NOT NULL
required	SUPERCEDED_BY	Text 10	superceded_by	VARCHAR(10)
	SUPERCEDES	Text 10	supercedes	VARCHAR(10)
default=no			CONSTRAINT pk_versionhistory PRIMARY KEY (version_history_code) ;	

v10 Version History table				
key, required	VERSION_HISTORY_CODE	Long integer	version_history_code	INTEGER NOT NULL
required	VERSION_DATE	Medium date	version_date	DATE
	VERSION_NUMBER	Text 10	version_number	VARCHAR(10) NOT NULL UNIQUE
required	VERSION_REMARKS	Text 254	version_remarks	VARCHAR(254) NOT NULL
required	SUPERCEDED_BY	Text 10	superceded_by	VARCHAR(10)
	SUPERCEDES	Text 10	supercedes	VARCHAR(10)
default=no			CONSTRAINT pk_versionhistory PRIMARY KEY (version_history_code) ;	