Geodatabase Documentation
Survey and PLSS Control
FGDC Cadastral Subcommittee
Data Design and Documentation by Nancy von Meyer and Karen Holt

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Summary Information and Links

0 Feature Datasets and 7 Feature Classes
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No Domains
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Feature Datasets and Child Classes

Rasters

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Domains

Relationship Classes

Feature Class Name	Shape Type	Feature Type	Alias Name	Subtype Field	Has M	Has Z
citiesx020	Point	Simple	CITIES		false	false
Description	This data set includes cities in the United States, Puerto Rico and the U.S. Virgin Islands. These cities were collected from the 1970 National Atlas of the United States. Where applicable, U.S. Census Bureau codes for named populated places were associated with each name to allow additional information to be attached. The Geographic Names Information System (GNIS) was also used as a source for additional information. This is a revised version of the December, 2003, data set.					
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.					
Data Theme	Cities					

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue

CITIESX020	Double	8		CITIESX020		
FEATURE	String	27		FEATURE		
NAME	String	48		NAME – the name of the city		
POP_RANGE	String	21		POP_RANGE		
POP_2000	Integer	4		POP_2000 – population in 2000		
FIPS55	String	5		FIPS55 – FIPS code for the city		
COUNTY	String	55		COUNTY – County Name		
FIPS	String	5		FIPS – state and county fips		
STATE	String	2		STATE – State Abbreviation		
STATE_FIPS	String	2		STATE_FIPS		
DISPLAY	SmallInteger	2		DISPLAY		

Feature Class Name	**Shape Type**	**Feature Type**	**Alias Name**	**Subtype Field**	**Has M**	**Has Z**
countyp020	Polygon	Simple	STATESCOUNTIES		false	false

Description	This data set portrays the State and county boundaries of the United States, Puerto Rico, and the U.S. Virgin Islands. The data set was created by extracting county polygon features from the individual 1:2,000,000-scale State boundary Digital Line Graph (DLG) files produced by the U.S. Geological Survey. These files were then merged into a single file. This is a revised version of the February 2002 data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data Theme	Boundaries

Fields	**DataT**	**Len**	**Alia**	**Description**	**Dom**	**Default**

	ype	gth	s Na me		ain	Value
PROD_SWDC_NA_COUN TYP020_AREA	Double	8		PROD_SWDC_NA_COUN TYP020_AREA		
PERIMETER	Double	8		PERIMETER		
COUNTYP020	Double	8		COUNTYP020 – county population in 2000		
STATE	String	2		STATE – state abbreviation		
COUNTY	String	50		COUNTY – county name		
FIPS	String	5		FIPS – state and county fips codes		
STATE_FIPS	String	2		STATE_FIPS		
SQUARE_MIL	Double	8		SQUARE_MIL		

Feature Class Name	Shape Type	Feature Type	Alias Name	Subtype Field	Has M	Has Z
fedlanp020	Polygon	Simple	FEDERALLANDS		false	false

Description	This data set consists of federally owned or administered lands and Indian Reservations of the United States, Puerto Rico, and the U.S. Virgin Islands. The data set was created by extracting federal and Indian land polygon features from the individual 1:2,000,000-scale State boundary Digital Line Graph (DLG) files produced by the U.S. Geological Survey. These files were then appended into a single coverage. Only areas of 640 acres or more are included. There may be private inholdings within the boundaries of Federal lands or Indian Reservations in this data set. This is a revised version of the April, 2003, data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data Theme	Federal lands

Fields	DataT ype	Len gth	Alia s Na me	Description	Dom ain	Default Value
PROD_SWDC_NA_FEDLA NP020_AREA	Double	8		PROD_SWDC_NA_FEDLA NP020_AREA		

PERIMETER	Double	8		PERIMETER		
FEDLANP020	Double	8		FEDLANP020		
FEATURE1	String	80		FEATURE1		
FEATURE2	String	80		FEATURE2		
FEATURE3	String	80		FEATURE3		
AGBUR	String	7		AGBUR		
URL	String	150		URL		
NAME1	String	80		NAME1		
NAME2	String	80		NAME2		
NAME3	String	80		NAME3		
STATE	String	14		STATE		
STATE_FIPS	String	2		STATE_FIPS		

Feature Class Name	**Shape Type**	**Feature Type**	**Alias Name**	**Subtype Field**	**Has M**	**Has Z**
hydrogl020	Polyline	Simple	HYDROGRAPYLINE		false	false

Description	The data set portrays the line water features of the United States, Puerto Rico, and the U.S. Virgin Islands. The file was produced by joining the individual State hydrography layers from the 1:2,000,000- scale Digital Line Graph (DLG) data produced by the USGS. This data set was formerly distributed as Hydrography Features of the United States. This is a revised version of the November 1999 data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data Theme	Hydrography

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
FNODE_	Double	8		FNODE_		
TNODE_	Double	8		TNODE_		
LPOLY_	Double	8		LPOLY_		
RPOLY_	Double	8		RPOLY_		
LENGTH	Double	8		LENGTH		
HYDROGM020	Double	8		HYDROGM020		

FEATURE	String	80		FEATURE		
NAME	String	80		NAME		
STATE	String	5		STATE		
STATE_FIPS	String	5		STATE_FIPS		

Feature Class Name	Shape Type	Feature Type	Alias Name	Subtype Field	Has M	Has Z
hydrogp020	Polygon	Simple	HYDROGRAPHYPOLY		false	false

Description	The data set portrays the polygon water features of the United States, Puerto Rico, and the U.S. Virgin Islands. The file was produced by joining the individual State hydrography layers from the 1:2,000,000- scale Digital Line Graph (DLG) data produced by the USGS. This data set was formerly distributed as Hydrography Features of the United States. This is a revised version of the November 1999 data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data Theme	Hydrography

Fields	DataType	Length	Alias Name	Description	Domain	Default Value
PROD_SWDC_NA_HYDROGP020_AREA	Double	8		PROD_SWDC_NA_HYDROGP020_AREA		
PERIMETER	Double	8		PERIMETER		
HYDROGM020	Double	8		HYDROGM020		
FEATURE	String	80		FEATURE		
NAME	String	80		NAME		
STATE	String	20		STATE		
STATE_FIPS	String	20		STATE_FIPS		

Feature Class Name	Shape Type	Feature Type	Alias Name	Subtype Field	Has M	Has Z
roadtrl020	Polyline	Simple	ROADS		false	false

Description	The data set portrays the line transportation features of the United States,

	Puerto Rico, and the U.S. Virgin Islands. The file was produced by joining the individual State transportation layers from the 1:2,000,000- scale Digital Line Graph (DLG) data produced by the USGS. This data set was formerly distributed as Roads Features of the United States. This is a revised version of the November 1999 data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data Theme	Roads, Transportation

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue
FNODE_	Double	8		FNODE_		
TNODE_	Double	8		TNODE_		
LPOLY_	Double	8		LPOLY_		
RPOLY_	Double	8		RPOLY_		
LENGTH	Double	8		LENGTH		
ROADTRL020	Double	8		ROADTRL020		
FEATURE	String	80		FEATURE		
NAME	String	120		NAME		
STATE_FIPS	String	2		STATE_FIPS		
STATE	String	2		STATE		

Feature Class Name	Shape Type	Feature Type	Alias Name	Subtype Field	Has M	Has Z
statesp020	Polygon	Simple	STATES		false	false

Description	The data set portrays the State polygon features of the United States, Puerto Rico, and the U.S. Virgin Islands. The file was produced by joining the individual State polygons from the 1:2,000,000- scale Digital Line Graph (DLG) data produced by the USGS. This data set was formerly distributed as States Features of the United States. This is a revised version of the November 1999 data set.
Purpose	These data are intended for geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. No responsibility is assumed by the U.S. Geological Survey in the use of these data.
Data	States, Geopolitical

Theme						
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
PROD_SWDC_NA_STATESP020_AREA	Double	8		PROD_SWDC_NA_STATESP020_AREA		
PERIMETER	Double	8		PERIMETER		
STATESP020	Double	8		STATESP020 – state population in 2000		
STATE	String	20		STATE – State name		
STATE_FIPS	String	2		STATE_FIPS – state fips code		

Object Class Name	Alias Name	Subtype Field
CONTIMAGES	CONTIMAGES	

Description	This is the index for control point images that are linked to control points. The images or files may be in any viewable format such as jpg, bit map, pdf, word document or other file.
Purpose	This file provides the ability to view images and documents connected to a control point
Data Theme	Images

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue
IMGID	Integer	4		IMGID – primary key for the table		
TYPE	Integer	4		TYPE – the type of file		
FILENAME	String	255		FILENAME – the name of the image or document file		
TITLE	String	50		TITLE – the title of the image or document		
CNTLID	Integer	4		CNTLID – links to the		

				control point		
URL	String	255		URL – the hyperlink to the image or file with the http:// included		

Object Class Name		**Alias Name**		**Subtype Field**		
CONTNOTES		CONTNOTES				
Description	These are control notes related to the control point. These are typically notes on the monument recovery or condition of the monument but may be other notes on the usability of the point.					
Purpose	This file provides the ability to collect and view notes about the control point					
Data Theme	Control Point, PLSS Corner					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
OBJECTID_1	Integer	4	OBJECTID	OBJECTID_1		
NOTEID	Integer	4		NOTEID – primary key for the note		
NOTEDATE	Date	8		NOTEDATE – the date of the note		
SURVEYOR	String	50		SURVEYOR – the surveyor who makes the note		
NOTEMEMO	String	50		NOTEMEMO		
CNTLID	Integer	4		CNTLID – links to the control point		

Object Class Name		**Alias Name**	**Subtype Field**
CONTROL		CONTROL	
Description	This is the primary table for the control point. Each corner or control point should have one entry in this table. Some additional values are included in this table to assist with migration of data from the GCDB output files		

Purpose	This table provides the master listing of the control points
Data Theme	Control Points, PLSS Corners

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
ELEV	Double	8		ELEV – the most current elevation for the control point		
LOCAL2	String	50		LOCAL2 – the second local identifier or alias. Most common on corners on PLSS township boundaries		
EASTX	Double	8		EASTX – the eastern or X most current coordinate value for the point		
NORTHY	Double	8		NORTHY - the northern or Y most current coordinate value for the point		
LOCAL1	String	50		LOCAL1 – the first alias for the control point, most common on PLSS Township boundaries		
StationTyp	String	25		StationTyp – the type of control point from the LUStationType table		

CPDATE	Double	8		CPDATE – the date of control point last update		
CNTLCMT	String	4000		CNTLCMT – comments on the monument for the control point		
REACH	String	4000		REACH – the directions for how to reach or find the monument		
MONTYPE	String	50		MONTYPE – the type of monument from the LUMONTYPE table		
SURVEYOR	String	50		SURVEYOR – The surveyor who established the monument		
Avail_Flag	String	1		Avail_Flag		
LOCAL3	String	50		LOCAL3 – the third alias for the control point most common on PLSS Township boundaries		
LOCAL4	String	50		LOCAL4 – the fourth alias for the control point most common when a PLSS corner is common to a special survey		

LOCAL5	String	50		LOCAL5 – the fifth alias most commonly used for county or state alias names		
EAST	String	50		EAST – The easterly coordinate used to display the point in a web interface		
NORTH	String	50		NORTH – the northerly coordinate used to display the point in a web interface		
CNTLID	Integer	4		CNTLID – the primary key for the control point		
Steward1	String	100		Steward1 – the data steward for the control point. Every control point must have one steward		
Steward2	String	100		Steward2 – the second steward if the control point has shared stewardship		
PID	String	50		PID – the NGS point ID if the point is in the NGRS. This is used to link to the		

				NGS control inventory		

Object Class Name	**Alias Name**	**Subtype Field**
CONTROLCOORD	CONTROLCOORD	

Description	These are the control coordinates for the control points. Many control points have multiple coordinate values. Typically one value will be selected for the current or GIS coordinate value. This table stores all of the coordinate value observations for a control point
Purpose	To track and store all the coordinate values associated with a control point
Data Theme	Control Point, PLSS Point

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
CNTLCMT	String	4000		CNTLCMT – any comments on the coordinate value		
SURVEYOR	String	50		SURVEYOR – the surveyor who established the control point		
Avail_Flag	String	1		Avail_Flag		
EAST	String	50		EAST – the east or X coordinate value		
NORTH	String	50		NORTH – the north or Y coordinate value		
CNTLID	Integer	4		CNTLID – the primary key for the control point.		
Ctlposid	Integer	4		Ctlposid – the primary key for the coordinate		

				value listing		
CDate	Integer	4		CDate – the date the coordinate value was created, the date the value was finalized and may not be the field observation date		
CTLName	String	50		CTLName – the name of the coordinate value to help differentiate the coordinate value in a listing of all coordinates for a control point		
EDate	Date	8		EDate – the date the coordinate value was entered into the database		
Ctlrel	Integer	4		Ctlrel – the reliability of the coordinate as a single value. This may be a code for a range of values		
ElevUnits	String	50		ElevUnits – the units of the elevation value		

VDatum	String	50		VDatum – the vertical datum for the elevation value		
HDatum	String	50		HDatum – the horizontal datum for the coordinate value		
CoordSys	String	50		CoordSys – the coordinate system for the coordinate value		
CoordMethod	String	50		CoordMethod – the method of observation or measurement for the coordinate value. This typically indicates a technology such as GPS, digitized, line of sight		
Status	String	50		Status – the status of the coordinate value. The most current or primary value that should be used for GIS should be noted as well as pending		

				and historical		
CoordProc	String	50		CoordProc – The coordinate computation procedure which typically reflects the adjustment method or a standard followed to compute the coordinate from the field observation		
Elev	String	50		Elev – the elevation value of the coordinate		

Object Class Name		**Alias Name**		**Subtype Field**		
LOGIN		LOGIN				
Description	This table contains the list of the people who have login privileges to edit data					
Purpose	To track and control the logins for edits					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
TBLLOGIN_ID	Integer	4		TBLLOGIN_ID		
TBLLOGIN_FNAME	String	50		TBLLOGIN_FNAME		
TBLLOGIN_LNAME	String	50		TBLLOGIN_LNAME		
TBLLOGIN_EMAIL	String	80		TBLLOGIN_EMAIL		
TBLLOGIN_PWD	String	12		TBLLOGIN_PWD		
TBLLOGIN_ADMIN	SmallInteger	2		TBLLOGIN_ADMIN		

Object Class Name	Alias Name	Subtype Field
LUCOORDMETHOD	LUCOORDMETHOD	

Description	This s the look up table for the domains for the coordinate methods. The method is typically the technology that is used to perform field observations such as GPS or line of sight and may include an order such as first order line of sight.
Purpose	To standardize the entries in the database tables
Data Theme	System Table

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue
OBJECTID_1	Integer	4		OBJECTID_1		
COORDMETHOD	String	255		COORDMETHOD		
COORDMETHODD	String	255		COORDMETHODD		

Object Class Name	Alias Name	Subtype Field
LUCOORDPROC	LUCOORDPROC	

Description	These are the procedures used to calculate the coordinate value and are typically office procedures or a set of standards. This may be least squares analysis for example or an indication of other post processing of field observations
Purpose	To standardize the entries in the database tables
Data Theme	System Table

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue
OBJECTID_1	Integer	4		OBJECTID_1		
CPCODE	String	50		CPCODE		
CPDESCRIP	String	50		CPDESCRIP		

Object Class Name	Alias Name	Subtype Field
LUCOORDSYS	LUCOORDSYS	

Description	These are the domains for the coordinate systems in the Coordinate Values table. The default value should be set to the primary coordinate system used in the jurisdiction
Purpose	To standardize the entries in the database tables

Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
COORDSYS	String	50		COORDSYS		

Object Class Name		Alias Name		Subtype Field		
LUDOCTYPE		LUDOCTYPE				
Description	These are the document types used in the domain of values for the control images.					
Purpose	To standardize the entries in the database tables					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
LUDOCTYPE_NAME	String	50		LUDOCTYPE_NAME		
LUDOCTYPE_ID	SmallInteger	2		LUDOCTYPE_ID		

Object Class Name		Alias Name		Subtype Field		
LUELEVUNITS		LUELEVUNITS				
Description	These are the units of measure for the elevation values in the coordinate values table					
Purpose	To standardize the entries in the database tables					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
OBJECTID_1	Integer	4		OBJECTID_1		
ELEVUNITS	String	50		ELEVUNITS		

Object Class Name		Alias Name		Subtype Field		
LUHDATUM		LUHDATUM				
Description	These are the domains of values for the horizontal domains					
Purpose	To standardize the entries in the database tables					
Data	System Table					

Theme						
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
HDATUM	String	255		HDATUM		
DESCRIP	String	255		DESCRIP		

Object Class Name		Alias Name		Subtype Field		
LUMONTYPE		LUMONTYPE				
Description	These are the domains of values for the monument types in the control table.					
Purpose	To standardize the entries in the database tables					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
NAME	String	50		NAME		

Object Class Name		Alias Name		Subtype Field		
LUSTATIONTYPE		LUSTATIONTYPE				
Description	These are the domains of values for the station or control point type values in the Control Table. These types are used to support the symbology of the control points in the web application. These could be PLSS Points, Control Points Benchmarks and Other or these could be a symbology based on the accuracy.					
Purpose	To standardize the entries in the database tables					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
OBJECTID_1	Integer	4		OBJECTID_1		
STATIONTYP	String	50		STATIONTYP		

Object Class Name		Alias Name		Subtype Field		
LUSTATUS		LUSTATUS				
Description	These are the domains of values for the coordinate values. These domains should include an indication for the current or active coordinate value, proposed values, historical values and unusable values. Other domains may be selected depending on the system tracking for status.					
Purpose	To standardize the entries in the database tables					

Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
OBJECTID_1	Integer	4		OBJECTID_1		
STATUS	String	50		STATUS		

Object Class Name	**Alias Name**	**Subtype Field**
LUVDATUM	LUVDATUM	

Description	These are the domains of values for the vertical datum in the coordinate values.
Purpose	To standardize the entries in the database tables
Data Theme	System Table

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
OBJECTID_1	Integer	4		OBJECTID_1		
VDATUM	String	50		VDATUM		

Object Class Name	**Alias Name**	**Subtype Field**
MODCONTIMAGES	MODCONTIMAGES	

Description	This table tracks the changes (updates, modifications) to the control images table.
Purpose	To track changes to support system administration and updates
Data Theme	System Table

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
ID	Integer	4		ID – Control ID		
SID	Integer	4		SID – Secondary ID		
LOGINID	Integer	4		LOGINID – The login of person making changes		
MODIFYDATE	Date	8		MODIFYDATE – time stamp		

				of the changes		
modaction	String	255		Modaction – (ADD, DELETE, MODIFY)		

Object Class Name			**Alias Name**		**Subtype Field**	
MODCONTNOTES			MODCONTNOTES			
Description	This table tracks the changes (updates, modifications) to the control notes table.					
Purpose	To track changes to support system administration and updates					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
ID	Integer	4		ID – Control ID		
SID	Integer	4		SID – Secondary ID		
LOGINID	Integer	4		LOGINID – The login of person making changes		
MODIFYDATE	Date	8		MODIFYDATE – time stamp of the changes		
modaction	String	255		Modaction – (ADD, DELETE, MODIFY)		

Object Class Name			**Alias Name**		**Subtype Field**	
MODCONTROL			MODCONTROL			
Description	This table tracks the changes (updates, modifications) to the control table.					
Purpose	To track changes to support system administration and updates					
Data Theme	System Table					
Fields	**DataType**	**Length**	**Alias**	**Description**	**Domain**	**DefaultValue**

			Name			
ID	Integer	4		ID – Control ID		
SID	Integer	4		SID – Secondary ID		
LOGINID	Integer	4		LOGINID – The login of person making changes		
MODIFYDATE	Date	8		MODIFYDATE – time stamp of the changes		
modaction	String	255		Modaction – (ADD, DELETE, MODIFY)		

Object Class Name	**Alias Name**	**Subtype Field**
MODCONTROLCOORD	MODCONTROLCOORD	

Description	This table tracks the changes (updates, modifications) to the control coordinates table.
Purpose	To track changes to support system administration and updates
Data Theme	System Table

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
ID	Integer	4		ID – Control ID		
SID	Integer	4		SID – Secondary ID		
LOGINID	Integer	4		LOGINID – The login of person making changes		
MODIFYDATE	Date	8		MODIFYDATE – time stamp of the changes		
modaction	String	255		Modaction –		

				(ADD, DELETE, MODIFY)		

Object Class Name	**Alias Name**	**Subtype Field**
PLSSFirstDivision	PLSSFirstDivision	

Description	These data depict the Public Land Survey System (PLSS) for the state of Utah and are based on Geographic Coordinate Data Base (GCDB) coordinate data.
Purpose	This dataset was created to provide continuous cadastre data for the state of Utah. This table is the CADNSDI standard PLSS First Division feature and is used to provide reference for the control points.
Data Theme	General Land Office, PLSS

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
FRSTDIVID	String	22		This is a unique identifier for the first division that is built by appending the first division elements on the Township identifier.		
FRSTDIVNO	String	3		This is the number, letter or designator for the first division of the PLSS Township.		
FRSTDIVDUP	String	1		This is a code to indicate whether the first division is a duplicated		

				area or identifier.		
FRSTDIVTYP	String	2		This is the type of first division and is commonly the section but may be a lot, parcel, tract or other division.		
FRSTDIVTXT	String	50		This is the number or designator for the first division as a text to facilitate labeling and query.		
PLSSID	String	16		This is the unique identifier for the PLSS Township in which the first division is located.		
FRSTDIVLAB	String	5		This is the label for the first division that is used for cartographic of web display purposes.		

Object Class Name	**Alias Name**	**Subtype Field**
PLSSPoint	PLSSPoint	
Description	These data depict the Public Land Survey System (PLSS) for the state of Utah and are based on Geographic Coordinate Data Base (GCDB) coordinate data. These are the points imported through the GCDB. This is	

	a data migration support table
Purpose	This dataset was created to provide continuous inventory of the available PLSS points in Utah. This table supports data migration.
Data Theme	General Land Office, PLSS

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
ELEV	Double	8		This is the elevation of the plss point as reported by the data steward.		
SOFTWARE	String	4		This is the software that was used to compute the coordinate value for the plss point.		
ERRORN	SmallInteger	2		This is the error in the north direction for the plss point as reported by the data steward. If there is only one error or reliability value for the point it is reported in this field.		
ERRORE	Integer	4		This is the error in the east direction for the plss point as reported by the data steward.		
POINTLAB	String	6		This is the label for the		

				point that is used for display and for BLM data is the six digit identification code.		
XCOORD	Double	8		This is X, longitude or east coordinate value for the corner (Native GCDB format, NAD 27 values as reported in LX file).		
YCOORD	Double	8		This is the Y, latitude or north coordinate value for the corner (Native GCDB format, NAD 27 values as reported in LX file).		
POINTID	String	24		This is the unique point identifier for the corner that follows the BLM national point identification system. This identifier is used for reporting updates, errors or additional data about the corner. This value		

				can also be used to access survey information for the corner.		
PLSSID	String	16		This is a concatenation of the principal meridian, township number, fraction and direction, the range number, fraction and direction and duplication code that form a unique identifier for the township.		

Object Class Name	**Alias Name**	**Subtype Field**
PLSSSecondDivision	PLSSSecondDivision	

Description	These data depict the Public Land Survey System (PLSS) for the state of Utah and are based on Geographic Coordinate Data Base (GCDB) coordinate data.
Purpose	This dataset was created to provide continuous cadastre data for the state of Utah. This table is the CADNSDI standard PLSS Second Division feature and is used to provide reference for the control points.
Data Theme	General Land Office, PLSS

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
FRSTDIVID	String	25		This is the unique identifier for the first division that contains the second		

				division.		
SECDIVNO	String	50		This is the text or letter that identifies or designates the second division.		
SECDIVSUF	String	10		This is any suffix identifiers or designator for the second division.		
SECDIVTYP	String	1	SECDIVTP	This is the type of second division which is commonly an aliquot part but could be a lot or other division.		
SECDIVTXT	String	50		This is the second division designator as a text to facilitate search or query.		
ACRES	Double	8		This is the area of the second division in official acres.		
PLSSID	String	20		This is the unique identifier for the plss township where the		

				second division is located.		
SECDIVLAB	String	50		This is the label for the second division that is used for cartographic display or web display.		

Object Class Name	**Alias Name**	**Subtype Field**
PLSSSpecialSurveys	PLSSSpecialSurveys	

Description	These data depict the Public Land Survey System (PLSS) for the state of Utah and are based on Geographic Coordinate Data Base (GCDB) coordinate data.
Purpose	This dataset was created to provide continuous cadastre data for the state of Utah. This table is the CADNSDI standard Special Surveys feature and is used to provide reference for the control points.
Data Theme	General Land Office, PLSS, Federal Parcels

Fields	**DataType**	**Length**	**Alias Name**	**Description**	**Domain**	**DefaultValue**
SURVTYP	String	1		This is the type of special survey as identified by a BLM code.		
SURVTYPTXT	String	50		This is the type of special survey as a text for readability.		
SURVNO	String	10		This is the survey number or text that identifies the survey area.		
SURVSUF	String	5		This is any suffix to the		

				survey designation that makes the identification of the area unique.		
SURVNOTE	String	3		These are any notes about the polygon feature that are important for using or understanding the feature.		
ACRES	Double	8		This is the official area of the polygon area in acres.		
CREATEDATE	Date	8		This is the date the feature was created.		
EDITDATE	Date	8		This is the date the feature was last edited.		
SURVLAB	String	50		This is a label that is used for cartographic output or web display.		

Object Class Name	**Alias Name**	**Subtype Field**
PLSSTownship	PLSSTownship	

Description	These data depict the Public Land Survey System (PLSS) for the state of Utah and are based on Geographic Coordinate Data Base (GCDB) coordinate data.
Purpose	This dataset was created to provide continuous cadastre data for the state of Utah. This table is the CADNSDI standard PLSS Townships feature and is used to provide reference for the control points.
Data Theme	General Land Office, PLSS

Fields	DataType	Length	Alias Name	Description	Domain	DefaultValue
STATEABBR	String	2		State is one of the primary divisions of the United States. The suggested domain follows the abbreviation and format coding of Federal Information Processing Standards Publication 10-4. http://www.nima.mil/gns/html/fips10-4.html		
PRINMERCD	String	2		In the Bureau of Land Management a series of codes have been developed to use in automated systems as an abbreviation of the Principle Meridian codes.		
PRINMER	String	40		The Principal Meridian is the Origin of Public Land Survey System. It is a reference for the numbering of townships and ranges within a public land survey area.		
TWNSHPNO	String	3		The number of rows of townships, north or south from a PLSS Origin.		
TWNSHPFRAC	String	1		Township Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.		
TWNSHPDIR	String	1		The direction of a row of Townships from a PLSS Origin.		
RANGENO	String	3		The number of columns of townships, east or west from a PLSS Origin.		
RANGEFRAC	String	1		Range Fractions are created when there are gaps between surveyed Township boundaries or due to excess size in Townships that arose from executing original surveys.		

RANGEDIR	String	1		The direction of a column of townships from a PLSS Origin.		
TWNSHPDPCD	String	1		This is the duplicate township code reserved for duplicating townships within the same meridian.		
PLSSID	String	16		This is a concatenation of the principal meridian, township number, fraction and direction, the range number, fraction and direction and duplication code that form a unique identifier for the township.		
SRVNAME	String	60		This is the name of the survey area. Most survey areas are in Ohio and represent early survey efforts in the state of Ohio.		
SECSRVNAME	String	60		This is the secondary survey name. The secondary survey is contained within a survey area. These occur in Ohio.		
UPDATEDATE	Date	8		This is the date of the last edit or change to a PLSS Township geometry.		
USEREDIT	String	30		This is the agency who completed the update.		
STEWARD	String	50		This is the data steward for a particular township.		
TWNSHPLAB	String	20		This is the label for the township that is used for cartographic display on a web site or hard copy map.		

Object Class Name		**Alias Name**		**Subtype Field**		
SURVEYORLIST		SURVEYORLIST				
Description	This is the standardized list of land surveyors for monuments and control coordinate values as well as notes and images					
Purpose	To standardize the entries in the database tables					
Data Theme	System Table					
Fields	**DataTyp**	**Lengt**	**Alias**	**Description**	**Domai**	**DefaultValu**

	e	**h**	**Nam e**		**n**	**e**
AGNTID	Integer	4		AGNTID		
AGNTCOMPANYNA ME	String	100		AGNTCOMPANYNA ME		