

# GIS Data Model Documentation – Survey Control / PLSS Points

FGDC Cadastral Subcommittee – January 2008

## Reference and Navigation Themes

### STATES

PROD\_SWDC\_NA\_STATESP020\_A  
REA  
PERIMETER  
STATESP020  
STATE  
STATE\_FIPS

### FEDERALLANDS

PROD\_SWDC\_NA\_FEDLANP020\_  
AREA  
PERIMETER  
FEDLANP020  
FEATURE1  
FEATURE2  
FEATURE3  
AGBUR  
URL  
NAME1  
NAME2  
NAME3  
STATE  
STATE\_FIPS

### HYDROGRAPHYLINE

FNODE\_  
TNODE\_  
LPOLY\_  
RPOLY\_  
LENGTH  
HYDROGM020  
FEATURE  
NAME  
STATE  
STATE\_FIPS

### STATESCOUNTIES

PROD\_SWDC\_NA\_COUNTYP020\_  
AREA  
PERIMETER  
COUNTYP020  
STATE  
COUNTY  
FIPS  
STATE\_FIPS  
SQUARE\_MIL

### ROADS

FNODE\_  
TNODE\_  
LPOLY\_  
RPOLY\_  
LENGTH  
ROADTRL020  
FEATURE  
NAME  
STATE\_FIPS  
STATE

### HYDROGRAPHYPOLY

PROD\_SWDC\_NA\_HYDROGP020\_  
AREA  
PERIMETER  
HYDROGM020  
FEATURE  
NAME  
STATE  
STATE\_FIPS

### CITIES

CITIESX020  
FEATURE  
NAME  
POP\_RANGE  
POP\_2000  
FIPS55  
COUNTY  
FIPS  
STATE  
STATE\_FIPS  
DISPLAY

## System Administration Tables

### LOGIN

TBLLOGIN\_ID  
 TBLLOGIN\_FNAME  
 TBLLOGIN\_LNAME  
 TBLLOGIN\_EMAIL  
 TBLLOGIN\_PWD  
 TBLLOGIN\_ADMIN

### MODCONTROLCOORD

ID  
 SID  
 LOGINID  
 MODIFYDATE  
 modaction

### MODCONTIMAGES

ID  
 SID  
 LOGINID  
 MODIFYDATE  
 modaction

### MODCONTNOTES

ID  
 SID  
 LOGINID  
 MODIFYDATE  
 modaction

### MODCONTROL

ID  
 SID  
 LOGINID  
 MODIFYDATE  
 modaction

## CADNSDI – PLSS Tables (Features)

### PLSSPoint

ELEV  
 SOFTWARE  
 ERRORN  
 ERRORE  
 POINTLAB  
 XCOORD  
 YCOORD  
 POINTID  
 PLSSID

### Special Surveys

SURVTYPE  
 SURVTYPETEXT  
 SURVNO  
 SURVSUF  
 SURVNOTE  
 ACRES  
 CREATEDATE  
 EDITDATE  
 SURVLAB

### PLSSTownship

STATEABBR  
 PRINMERC  
 PRINMER  
 TWNSHPNO  
 TWNSHPFRAC  
 TWNSHPDIR  
 RANGENO  
 RANGEFRAC  
 RANGEDIR  
 TWNSHPDPCD  
 PLSSID  
 SRVNAME  
 SECSRVNAME  
 UPDATEDATE  
 USEREDIT  
 STEWARD  
 TWNSHPLAB

### PLSSFirstDivision

FRSTDIVID  
 FRSTDIVNO  
 FRSTDIVDUP  
 FRSTDIVTYP  
 FRSTDIVTXT  
 PLSSID  
 FRSTDIVLAB

### PLSSSecondDivision

FRSTDIVID  
 SECDIVNO  
 SECDIVSUF  
 SECDIVTYP  
 SECDIVTXT  
 ACRES  
 PLSSID  
 SECDIVLAB

# Control Point Tables

CONTROL
ELEV
LOCAL2
EASTX
NORTHY
LOCAL1
StationTyp
CPDATE
CNTLCMT
REACH
MONTYPE
SURVEYOR
Avail_Flag
LOCAL3
LOCAL4
LOCAL5
EAST
NORTH
CNTLID
Steward1
Steward2
PID

CONTROLCOORD
CNTLCMT
SURVEYOR
Avail_Flag
EAST
NORTH
CNTLID
Ctlposid
CDate
CTLName
EDate
Ctlrel
ElevUnits
VDatum
HDatum
CoordSys
CoordMethod
Status
CoordProc
Elev

CONTIMAGES
IMGID
TYPE
FILENAME
TITLE
CNTLID
URL

CONTNOTES
OBJECTID_1
NOTEID
NOTEDATE
SURVEYOR
NOTEMEMO
CNTLID

## Tables for Domains of Values

### LUSTATUS

OBJECTID\_1  
STATUS

### LUVDATUM

OBJECTID\_1  
VDATUM

### LUELEVUNITS

OBJECTID\_1  
ELEVUNITS

### LUHDATUM

HDATUM  
DESCRIP

### LUMONTYPE

NAME

### SURVEYORLIST

AGNTID  
AGNTCOMPANYNAME

### LUCOORDPROC

OBJECTID\_1  
CPCODE  
CPDESCRIP

### LUDOCTYPE

LUDOCTYPE\_NAME  
LUDOCTYPE\_ID

### LUSTATIONTYPE

OBJECTID\_1  
STATIONTYP

### LUCOORDSYS

COORDSYS

### LUCOORDMETHOD

OBJECTID\_1  
COORDMETHOD  
COORDMETHODD

Documentation and Database Design

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