Oracle Designer

        Report   : TABLE DEFINITION

        Filename   : s:\documents\pdfs\fedc.pdf

        Run by   : DSHUGHES

        Report Date : 12 May   2003

        Total Pages : 7

Parameter Values
   Workarea   : GLOBAL SHARED WORKAREA
   Container   : GNIS
   Container Version   :
   Recurse Sub-Containers : N
   Tab/View/Snap Name   : FEATURE_DECISIONS
   Diagram   :

   Includes
   YesColumn Details   :

   Tables Created
            On/After   :
            On/Before   : 12 May   2003
      and

   Tables Changed
            On/After   :
            On/Before   : 12 May   2003

Container : GNIS   Version :

 Table Name : FEATURE_DECISIONS   Alias   : FEDC
                                               Display Title :

 Description :   A Federal decision regarding the feature name or its application.
                  Decisions may be made by:

                  1. Congress by act or law.
                  2. The President by Executive Order.
                  3. The U.S. Board on Geographic Names by decision.
                  4. The U.S. Board on Geographic Names by policy.

Volumes

Start Rows :   End Rows :

 Storage

 Index-organized ? No

Column Summary

Col.Seq.	Column	Nulls ?	Type
10	FEATURE_ID	NOT NULL	NUMBER (10, 0)
20	FEATURE_NAME	NOT NULL	VARCHAR2 (100)
30	DECISION_DATE	NOT NULL	DATE
40	AUTHORITY	NOT NULL	VARCHAR2 (20)
50	DECISION_TYPE	NOT NULL	VARCHAR2 (20)
60	LIST	NULL	VARCHAR2 (20)
70	OLD_APPLICATION	NULL	VARCHAR2 (240)

Primary Key

Name	Column
FEDC_PK	FEATURE_ID
	FEATURE_NAME
	DECISION_DATE
	AUTHORITY
	DECISION_TYPE

Foreign Keys

FEDC_FENM_FK

   FEATURE_ID   references   FEATURE_NAMES.FEATURE_ID
   FEATURE_NAME   references   FEATURE_NAMES.FEATURE_NAME
   Transferable ? Yes   Update Rule : Restricted
   Mandatory ?   Yes   Delete Rule : Restricted

Column Detail

10   FEATURE_ID

Table Definition

Container :   GNIS   Version :

Index Summary

Name	Seq.	Column	Index Type
AUTHORITY_I	1	AUTHORITY	BITMAP
DECISION_DATE_I	1	DECISION_DATE	NOT UNIQUE
DECISION_TYPE_I	1	DECISION_TYPE	BITMAP
FEATURE_NAME_I2	1	FEATURE_NAME	NOT UNIQUE
FEDC_FENM_FK_I	1	FEATURE_ID	NOT UNIQUE
FEDC_FENM_FK_I	2	FEATURE_NAME	NOT UNIQUE

Column Detail

Optional ? :No ; Number (10, 0) ;() ;   ; Uppercase ? :No ;

This is a foreign key column for FEATURE_NAMES/FEATURE_ID. The ID of the
feature to which the name belongs and the to which the decision applies.

Notes   Current GNIS Table/Columns:
               FEATURE.FEATURE_ID_NMBR

               Data loading instructions: Load from above table keyed to
               FEATURE.FEATURE_NAME and FEATURE.FED_STATUS.

20   FEATURE_NAME

Optional ? :No ; Varchar2 (100) ;() ;   ; Uppercase ? :No ;

This is a foreign key column for FEATURE_NAMES.FEATURE_NAME. The featlure name
to which the decision applies.

Notes   Current GNIS Table/Columns:
               FEATURE.FEATURE_NAME

               Data loading instructions: Load from above table keyed to
               FEATURE.FEATURE_ID_NMBR and FEATURE.FED_STATUS.

30   DECISION_DATE

Optional ? :No ; Date ;() ;   ; Uppercase ? :No ;

The date of a Federal decision regarding the feature name or its application.

Notes   Current GNIS Table/Columns:
               See AUTHORITY

               Data Loading Instructions: See AUTHORITY

40   AUTHORITY

Optional ? :No ; Varchar2 (20) ;() ;   ; Uppercase ? :Yes ;

The authority making a decision regarding the feature name or its application.
See GNIS_DOMAINS.JOIN_COLUMN = AUTHORITY for allowed values. Additional values
may be added in the future.

Notes   Current GNIS Table/Columns:
               See AUTHORITY

               Data Loading Instructions: See AUTHORITY

Table Definition

Container :   GNIS   Version :

Column Detail
                  _____

                              Current GNIS Table/Column:
                              FEATURE.FED_STATUS
                              ALASKA FEATURE.FED_STATUS
                              ANTARCTIC.BGN_STATUS
                              MILITARY FEATURE.FED_STATUS
                              CAVE FEATURE.FED_STATUS

                              FED_STATUS has the following values:
                              US YYYY
                              BGN YYYY
                              BGN YYYY (VACATED) YYYY
                              BGN YYYY (NOT OFFICIAL)
                              (Where YYYY = a four digit year. A record may have more than one
                              YYYY separated by commas indicating more than one decision.)

                              Data Loading Instructions: Data will be converted to the new
                              database as follows:

                              If FED_STATUS = US YYYY YYYY..., the feature will be assigned
                              one decision for each YYYY with AUTHORITY = either Congress or
                              Executive, TYPE= Official, and DATE= YYYY. The current data does
                              not distinguish between Congress and Executive. For data
                              conversion, all decisions will be given AUTHORITY = Congress.
                              The few records with Executive authority will be corrected
                              manually.

                              If FED_STATUS = BGN YYYY, YYYY..., the feature will be assigned
                              one decision for each with YYYY with AUTHORITY = Board
                              Decision, TYPE = Official, and DATE = YYYY.

                              If FED_STATUS = BGN YYYY (VACATED) YYYY, the feature will be
                              assigned two decisions, both with AUTHORITY = Board Decision.
                              One will have TYPE = Vacated and the first year (YYYY) as the
                              date, the other with TYPE = Official and the second year as the
                              date. The data in the current DECISION_LIST entry will be
                              assigned to the second (Official) decision.

                              If FED_STATUS = BGN YYYY (Not Official), the feature will be
                              assigned one decision with AUTHORITY = Board Decision, TYPE =
                              Not Official, and DATE = YYYY.

                              "Not official" is a parenthetical annotation in
                              FEATURE/FEATURE_NAME. Each feature with "not official" in
                              FEATURE_NAME also has (or should have) "(NOT OFFICIAL)" in
                              FED_STATUS. < 20 records.

                              The Decision Type "Application" is for decisions to change the
                              coordinates of the points officially assigned to a feature.
                              There are no current assignments for this type. It will be used
                              for future changes.

                              For DECISION_DATE, the month and day will be defaulted to a
                              value to be specified by the Names Office.

                              Features with FED_STATUS = null will have no decisions.

                              Business Rule:
                              If AUTHORITY = ADMINISTRATIVE

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                          Then Feature class must be one of the following: AIRPORT,
                          BRIDGE, BUILDING, CEMETERY, CHURCH, CIVIL, FOREST, HOSPITAL,
                          OILFIELD, PARK, POST OFFICE, RESERVE, SCHOOL, TRAIL, TOWER,
                          TUNNEL, WELL.

50   DECISION_TYPE

      Optional ? :No ; Varchar2 (20) ;() ;   ; Uppercase ? :Yes ;

      The type of decision regarding the feature name or its application. See
      GNIS_DOMAINS.JOIN_COLUMN = DECISION_TYPE for allowed values. Additional values
      may be added in the future.

      Notes   Current GNIS Table/Columns:
                        See AUTHORITY

                        Data Loading Instructions: See AUTHORITY

                        Business Rules:

                        If DECISION_TYPE = VARIANT
                        Then AUTHORITY must = BOARD POLICY

                        If DECISION_TYPE = VACATED
                        Then the feature name must have another decision with AUTHORITY
                        = BOARD DECISION, TYPE = OFFICIAL, and an earlier DECISION DATE.

                        If DECISION_TYPE = NOT OFFICIAL
                        Then AUTHORITY must = BOARD DECISION.

                        If DECISION_TYPE = APPLICATION
                        Then OLD_APPLICATION must be not null.

60   LIST

      Optional ? :Yes ; Varchar2 (20) ;() ;   ; Uppercase ? :No ;

      The quarterly edition of the Decision List containing the decision concerning
      the name of the feature. This applies only for Decision Lists prior to 1991.
      Subsequent lists are annual and referenced by the Decision Date. Legacy data
      only. No new data will be entered.

      Notes   Current GNIS Table/Column:
                        FEATURE.DECISION_LIST
                        MILITARY FEATURE.DECISION_LIST
                        CAVE GAZ.DECISION_LIST

                        Data Loading Instructions: Load from the above columns, keyed on
                        FEATURE.FEATURE_ID_NMBR and FEATURE.FEATURE_NAME.

                        Rule: Legacy data only. Edit only. No new records.

70   OLD_APPLICATION

      Optional ? :Yes ; Varchar2 (240) ;() ;   ; Domain :GEOMETRY ; Uppercase ? :No ;

      Place holder for spatial column when spatially enabled. Feature coordinates
      that were previously applied to a feature, but have been changed and are no
      longer current. An historical record of previous feature applications. The
      current applications for all features are in the FEATURES.POINT column.

      Notes   Current GNIS Table/Column:
                        None

Table Definition

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Column Detail

                       New attribute. No legacy data.

Rule: This column will contain feature points that were previously applied to a feature, but have been changed and are no longer current. It provides an historical record of previous feature applications. The current applications for all features are in the FEATURE_POINTS table.

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TABLE DEFINITION

End of Report