

Oracle Designer

Report : TABLE DEFINITION
Filename : s:\documents\pdfs\feat.pdf
Run by : DSHUGHES
Report Date : 07 May 2003
Total Pages : 5

Parameter Values

Workarea : GLOBAL SHARED WORKAREA
Container : GNIS
Container Version :
Recurse Sub-Containers : N
Tab/View/Snap Name : FEATURES
Diagram :
Includes
Yescolumn Details :
Tables Created
On/After :
and On/Before : 07 May 2003
Tables Changed
On/After :
On/Before : 07 May 2003

Table Definition

Container : GNIS Version :

Table Name : FEATURES Alias : FEAT
 Display Title : Features

Description : A feature is an entity on the surface of the earth identified by a proper name and a location.

Volumes

Start Rows : End Rows : 0

Storage

Index-organized ? No

Column Summary

<u>Col.Seq.</u>	<u>Column</u>	<u>Nulls ?</u>	<u>Type</u>
10	FEATURE_ID	NOT NULL	NUMBER (10, 0)
20	CLAS	NOT NULL	VARCHAR2 (50)
30	GEOMETRY	NULL	VARCHAR2 (240)
40	GEOMETRY_SOURCE	NULL	VARCHAR2 (240)
50	DATE_CREATED	NOT NULL	DATE
60	CREATED_BY	NOT NULL	VARCHAR2 (50)
70	DATE_MODIFIED	NOT NULL	DATE
80	MODIFIED_BY	NOT NULL	VARCHAR2 (50)

Primary Key

<u>Name</u>	<u>Column</u>
FEAT_PK	FEATURE_ID

Foreign Keys

FEAT_FECL_FK

CLAS references FEATURE_CLASSES.CLAS
 Transferable ? Yes Update Rule : Restricted
 Mandatory ? Yes Delete Rule : Restricted

Index Summary

<u>Name</u>	<u>Seq.</u>	<u>Column</u>	<u>Index Type</u>
FEAT_FECL_FK_I	1	CLAS	BITMAP

Column Detail

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

Container : GNIS Version :

Column Detail

:FEATURE_IDS_SEQ ;

Unique identifying number for a feature record in the database.

Notes Current GNIS Table/Column:
 FEATURE.FEATURE_ID_NMBR
 ANTARCTIC.ANT_SEQ_NMBR
 MILITARY_FEATURE.FEATURE_ID_NMBR

Data Loading Instructions: Load from FEATURE/FEATURE_ID_NMBR.
 Reconcile numbers in the other columns to feature records and
 load or correct numbers as appropriate.

20 CLAS

Optional ? :No ; Varchar2 (50) ;() ; ; Uppercase ? :Yes ;

This is a foreign key column for FEATURE_CLASSES.CLAS. A designation for a
 group of features in a broadly defined descriptive category. All features are
 assigned to one and only one class.

Notes Current GNIS Table/Column:
 FEATURE.FEATURE_TYPE
 ANTARCTIC.FEATURE_TYPE

Data Loading Instructions: Load from FEATURE/FEATURE_TYPE.
 Reconcile records in the other columns to feature records and
 load or correct class as appropriate. Antarctic features with
 type = rock are to be assigned to the UNKNOWN class.

All features from MILITARY_FEATURE table go to the MILITARY
 class. All features in FEATURES table with name = % (historical)
 and type = military go to the new MILITARY (HISTORICAL) class.

Business Rule:
 If FEATURE_ID is new
 Then CLASS must not = UNKNOWN (UNKNOWN not allowed for new or
 edited features.)

If FEATURES.CLAS = UNKNOWN, DESIGNATION = UNKNOWN CLASS

30 GEOMETRY

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

Place holder for spatial column when spatially enabled. This column contains
 the geometry or boundaries of a feature.

Notes Current GNIS Table/Column:
 none

Data Loading Instructions: For future use. No legacy data. When
 available, data will be loaded using Oracle spatial.

40 GEOMETRY_SOURCE

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

The source of the feature geometry data. Format and content rules for this
 column have not been defined.

Notes Current GNIS Table/Column:
 None

No legacy data.

Container : GNIS Version :

Column Detail

Data Loading instructions: TBD

50 DATE_CREATED

Optional ? :No ; Date ;() ; ; Domain :DATE CREATED ; Uppercase ? :No ; Default Value :SYSDATE ;

The date the record was entered into the database.

Notes

Current GNIS Table/Column:
 FEATURE.ENTRY_ DATE
 MILITARY FEATURE.ENTRY_ DATE
 ANTARCTIC FEATURE.ENTRY_ DATE
 GAVE GAZ.ENTRY_ DATE

Data Loading Instructions: Load from above columns keyed to FEATURE/FEATURE_ID.

New entries will default to the system date when the record is committed.

Note: This same data will be loaded to FEATURE NAMES.DATE CREATED.

60 CREATED_BY

Optional ? :No ; Varchar2 (50) ;() ; ; Domain :CREATED BY ; Uppercase ? :No ; Default Value :UID ;

The system user who created the feature record in the database.

Notes

Current GNIS Table/Column:
 None

Will default to the user ID when the record is committed.

70 DATE_MODIFIED

Optional ? :No ; Date ;() ; ; Domain :DATE MODIFIED ; Uppercase ? :No ; Default Value :SYSDATE ;

The date the feature record was modified in the database.

Notes

Current GNIS Table/Column:
 None.

New entries will default to the system date when the record is committed.

80 MODIFIED_BY

Optional ? :No ; Varchar2 (50) ;() ; ; Domain :MODIFIED BY ; Uppercase ? :No ; Default Value :UID ;

The system user who modified the feature record in the database.

Notes

Current GNIS Table/Column:
 None.

Data Loading Instructions: Future records will default to the user name when the record is committed.

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TABLE DEFINITION

End of Report