

Product Documentation

SIM v2.0.1 Technical Documentation

prepared for

Environmental Protection Agency

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1 Section 1- Overview

1.1 SIM Overview

The STORET Import Module (SIM) is an application designed to load data into local instances of the STORET database. SIM parses data contained in a specially formatted text file, verifies the data is acceptable to STORET, and migrates the data to STORET. Data that is not acceptable is not migrated, and an error log is generated.

2 Section 2 - Application Modules

2.1 Menu, Welcome Screen, and About Screen

2.1.1 Main Menu (sim2_menu)

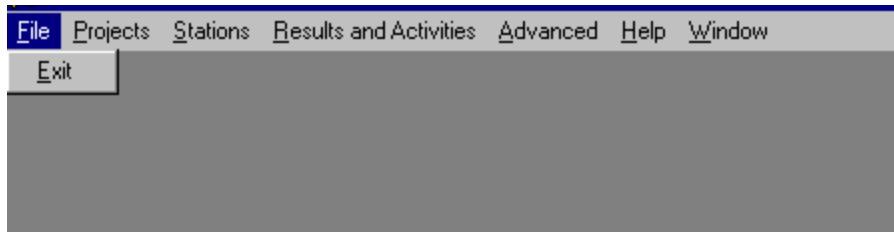


Figure 2.1.1.1-partial

Purpose:

Provides an exit from the application.

No tables are referenced in this form.

Called Objects and Processes

Table 2.1.1.1 – SIM2_MENU Called Objects

Button	Called Object
Exit	Calls Form validation triggers, followed by Oracle Forms built-in "EXIT_FORM".

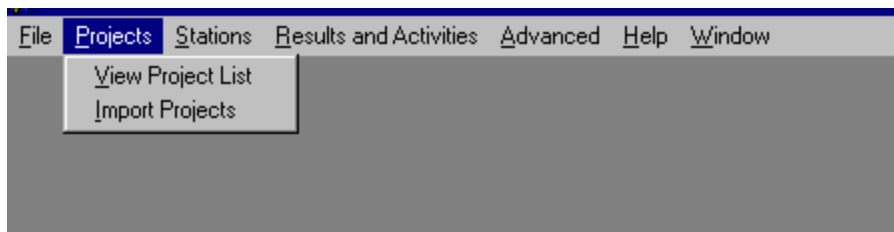


Figure 2.1.1.2-partial

Purpose:

Provides an organized selection of forms within the projects module.

No tables are referenced in this form.

Called Objects and Processes

Table 2.1.1.2 – SIM2_MENU Called Objects

Button	Called Object
View Project List	PROJ2_L.fmx
Import Projects	IMPF2_D.fmx

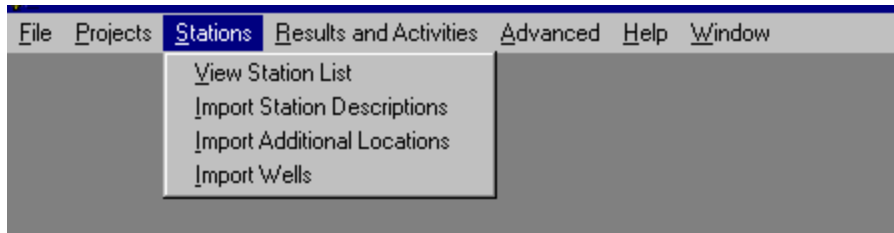


Figure 2.1.1.3-partial

Purpose:

Provides an organized selection of forms within the stations module.

No tables are referenced in this form.

Called Objects and Processes**Table 2.1.1.3 – SIM2_MENU Called Objects**

Button	Called Object
View Station List	STA2_L.fmx
Import Station Descriptions	IMPF2_D.fmx
Import Additional Locations	IMPF2_D.fmx
Import Wells	IMPF2_D.fmx

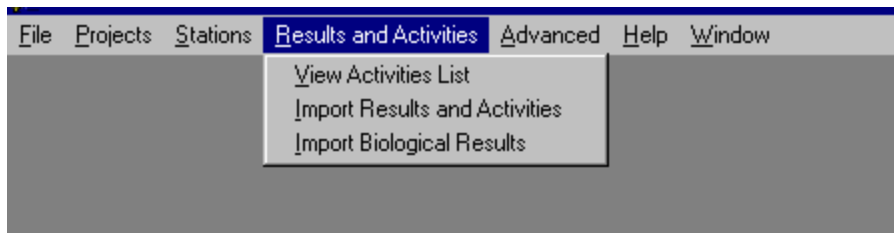


Figure 2.1.1.4-partial

Purpose:

Provides an organized selection of forms within the results and activities module.

No tables are referenced in this form.

Called Objects and Processes**Table 2.1.1.4 – SIM2_MENU Called Objects**

Button	Called Object
View Activities List Button	ACT2_L.fmx
Import Results and Activities Button	IMPF2_D.fmx
Import Biological Results Button	IMPF2_D.fmx

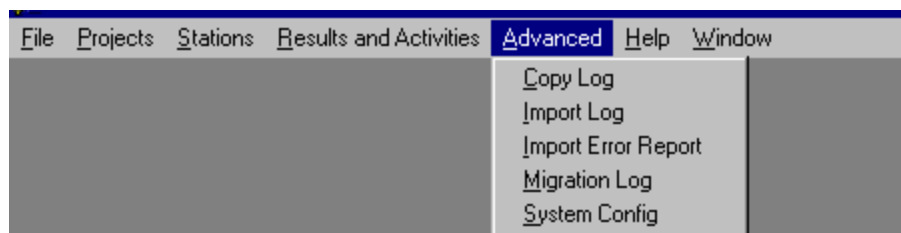


Figure 2.1.1.5-partial

Purpose:

Provides an organized selection of forms within the advanced module.

No tables are referenced in this form.

Called Objects and Processes**Table 2.1.1.5 – SIM2_MENU Called Objects**

Button	Called Object
Copy Log	COPYLG_L.fmx
Import Log	ILOG2_L.fmx
Import Error Report	ILOG_P.fmx
Migration Log	EXPLOG2_L.fmx
System Config	CONFIG2_L.fmx

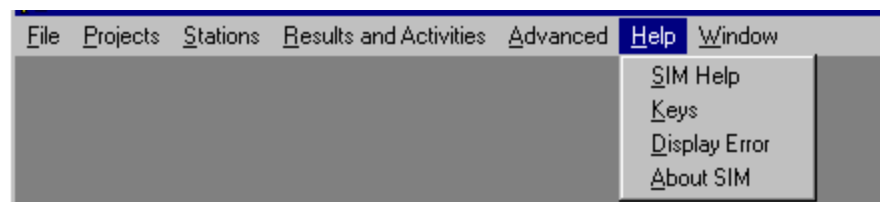


Figure 2.1.1.6-partial

Purpose:

Provides an organized selection of forms within the help module.

No tables are referenced in this form.

Called Objects and Processes**Table 2.1.1.6 – SIM2_MENU Called Objects**

Button	Called Object
SIM Help	SIM2_HLP.fmx
Keys	Shows a list of all of the function keys.
Display Error	Displays an error message if error in processing.
About SIM	ABOUT_D.fmx

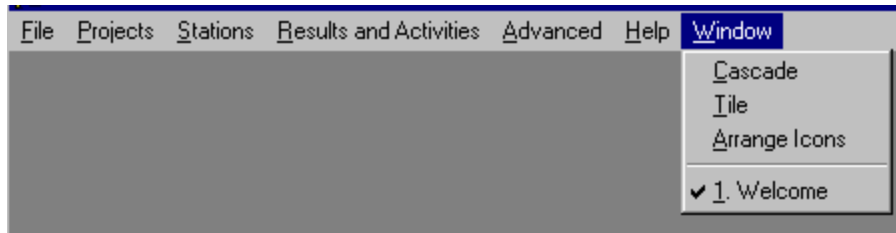


Figure 2.1.1.7-partial

Purpose:

Provides an organized selection of options to modify the look of the window.

No tables are referenced in this form.

Called Objects and Processes**Table 2.1.1.7 – SIM2_MENU Called Objects**

Button	Called Object
Cascade	Arranges open forms in diagonal spacing so all form titles are viewable.
Tile	Arranges open forms with top portion of the form viewable one on top of another.
Arrange Icons	Arranges icons.

2.1.2 SIM Welcome (sim2_welc)

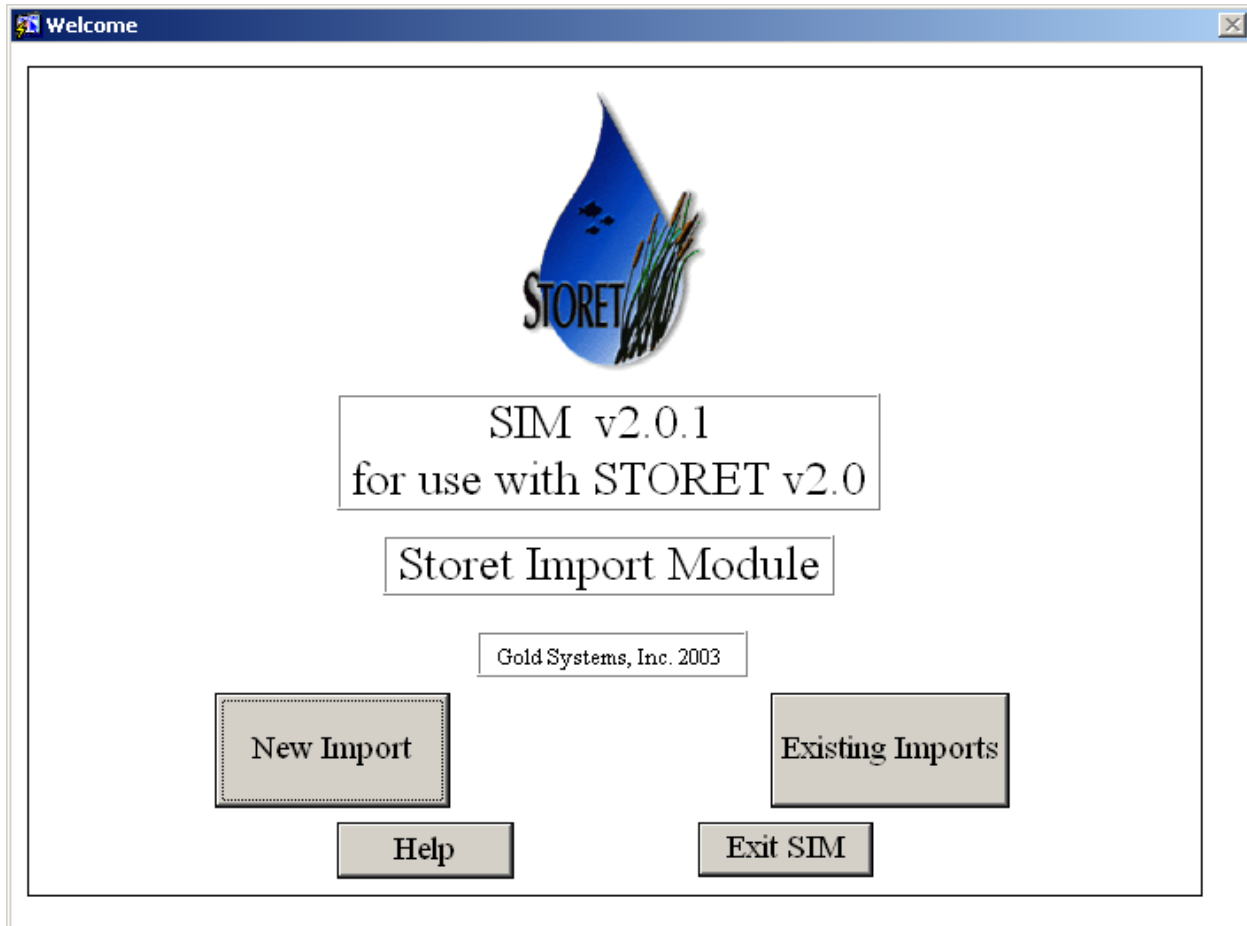


Figure 2.1.2.1-sim2_welc

Purpose:

Launches process to start a new import or review an existing import.

No tables are referenced in this form.

2.1.3 About SIM (about_d)

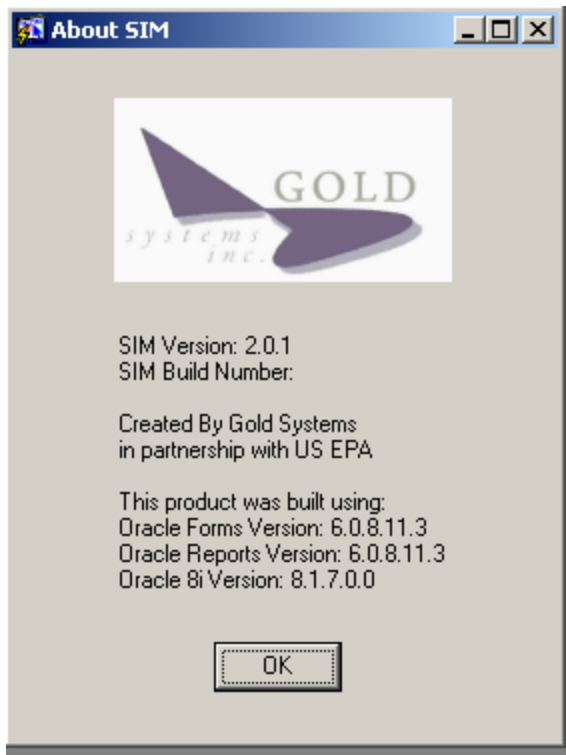


Figure 2.1.3.1-about_d

Purpose:

Displays SIM version information.

No tables are referenced in this form.

2.2 Import and Configuration Setup Process

2.2.1 New Import (new_imp)

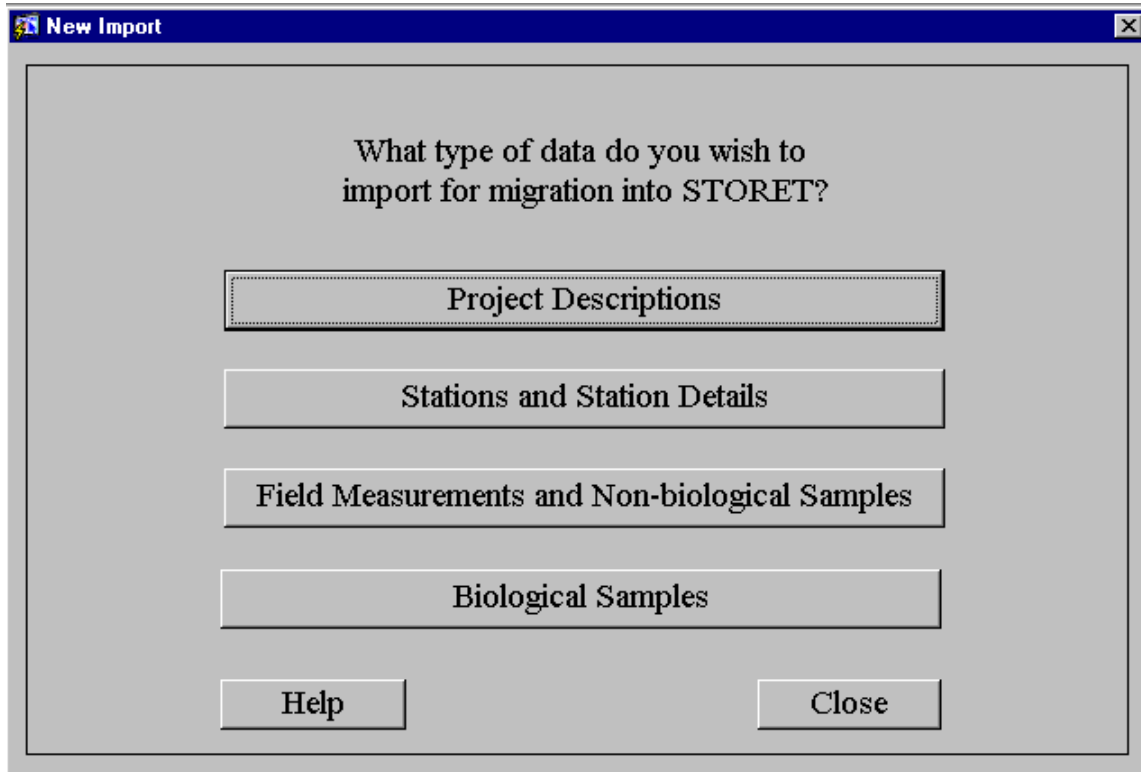


Figure 2.2.1.1-new_imp

Purpose:

Launches the appropriate data import routine based upon the type of data selected.

Called Objects and Processes

Table 2.2.1.1 – NEW_IMP Called Objects

Button	Called Object
Project Descriptions Button	IMPF2_D.fmx
Stations and Station Details Button	STA_CHOICE.fmx
Field Measurements and Non-biological Samples	IMPF2_D.fmx
Biological Samples	IMPF2_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.2 Station Choice – Import (sta_choice)

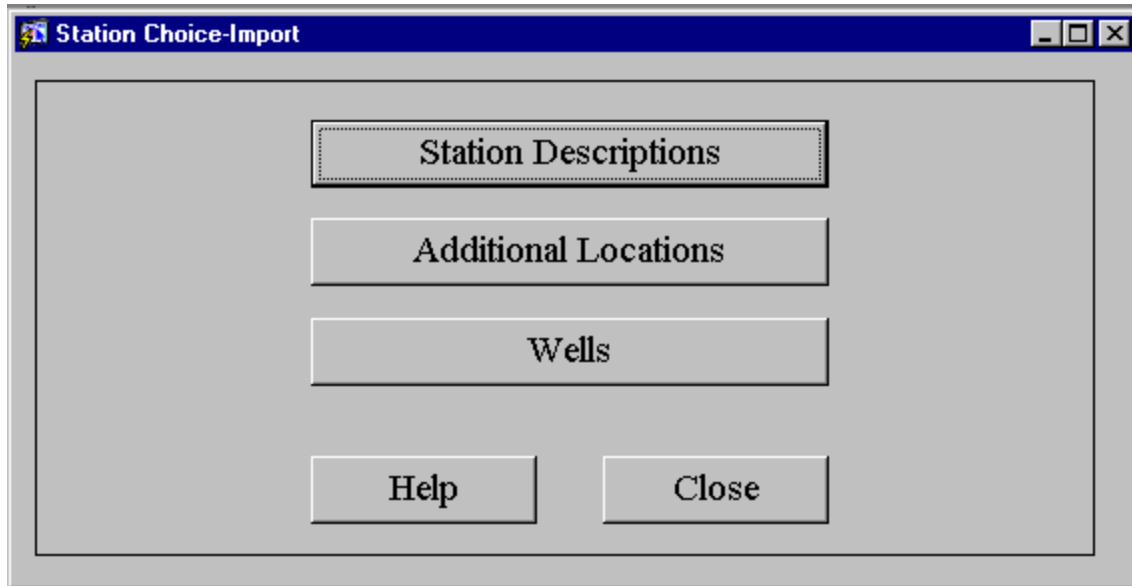


Figure 2.2.2.1-sta_choice

Purpose:

Launches the appropriate data import routine based upon the station sub-type selected.

Called Objects and Processes

Table 2.2.2.1 – STA_CHOICE Called Objects

Button	Called Object
Station Descriptions Button	IMPF2_D.fmx
Additional Locations Button	IMPF2_D.fmx
Wells Button	IMPF2_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.3 Existing Imports (exst_imp)

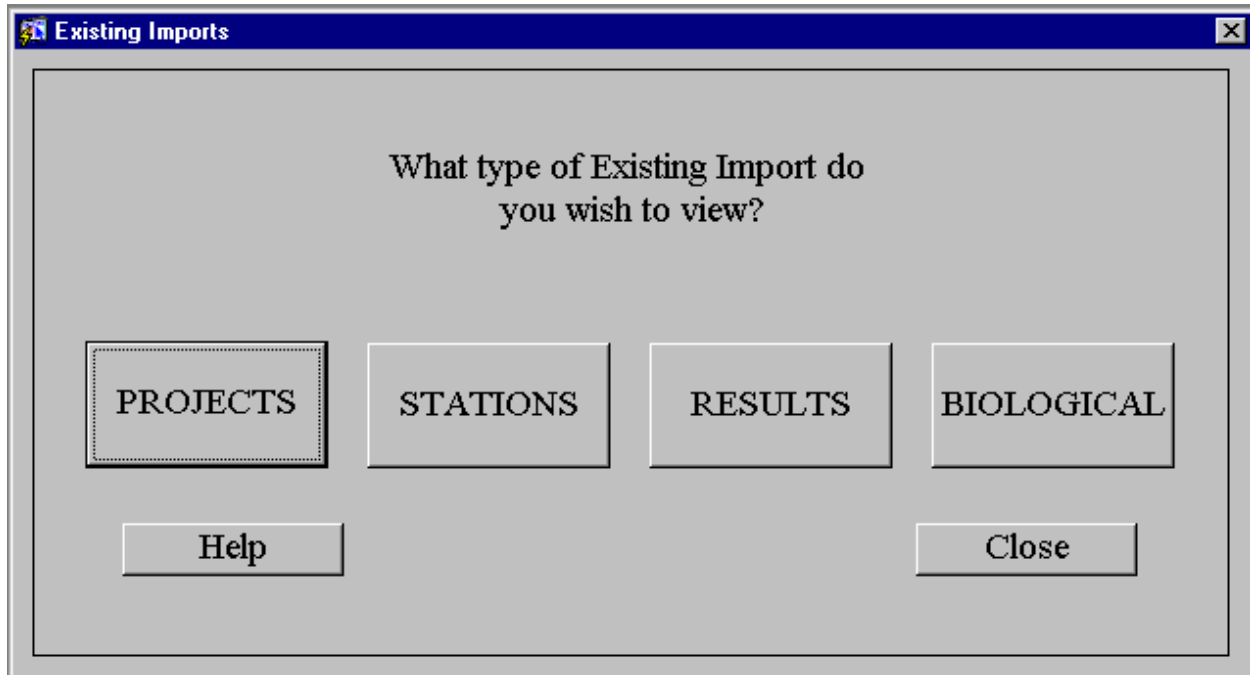


Figure 2.2.3.1-exst_imp

Purpose:

Calls the associated import log for the selected data type.

Called Objects and Processes

Table 2.2.3.1 – EXST_IMP Called Objects

Button	Called Object
Projects Button	ILOG2_L.fmx
Stations Button	EXIST_STA_CHOICE.fmx
Results Button	ILOG2_L.fmx
Biological Button	ILOG2_L.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.4 Existing Station Choice (exist_sta_choice)

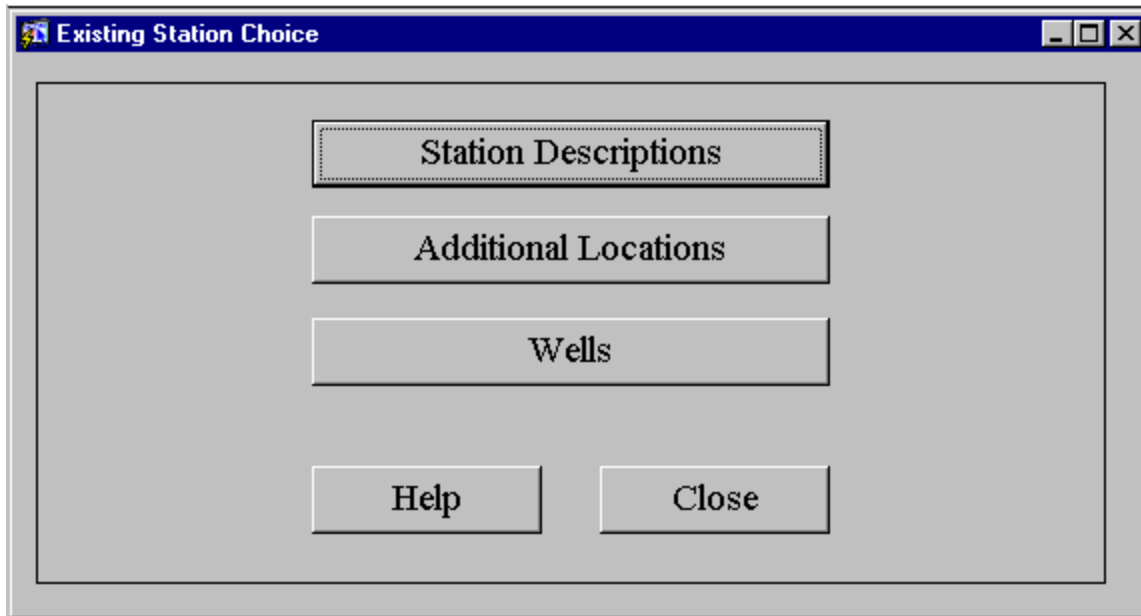


Figure 2.2.4.1-exist_sta_choice

Purpose:

Calls the associated import log for the selected station sub-type.

Called Objects and Processes

Table 2.2.4.1 – EXIST_STA_CHOICE Called Objects

Button	Called Object
Station Descriptions Button	ILOG2_L.fmx
Additional Locations Button	ILOG2_L.fmx
Wells Button	ILOG2_L.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.5 Import File (impf2_d)

Figure 2.2.5.1-impf2_d

Purpose:

Launches the data import process.

Called Objects and Processes

Table 2.2.5.1 – IMPF2_D Called Objects

Button	Called Object
Define New Import Configuration Button	IMPCFG2_D.fmx
Edit Existing Import Configuration Button	IMPCFG2_D.fmx
Import Button	IMPSTAT2_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.6 SIM – Import Configuration (impcfg2_d)

Import Configuration Screen - Columns Tab

The screenshot shows the 'SIM - Import Configuration' window with the 'Columns' tab selected. The top section contains input fields for 'Name', 'Type', 'Desc', and 'Org ID', each with a dropdown arrow. To the right of these fields are buttons for 'Copy Configuration', 'Load Configuration', 'Help', 'Save', and 'Close'. Below this is a table with the following columns: 'Column', 'Pos', 'Req', 'Include', 'Generate', 'Default', 'Max Len', 'Fmt Option', and 'Format'. The table has 10 rows, each with a 'Translation' button. At the bottom of the window, there is an 'Import Format' field and an 'Update Format' button.

Figure 2.2.6.1-impcfg2_d

Purpose:

Lists the columns and formats for the selected import configuration.

Called Objects and Processes

Table 2.2.6.1 – IMPCFG2_D Called Objects

Button	Called Object
Copy Configuration Button	COPY_CFG.fmx
Load Configuration Button	LOAD_CFG.fmx
Help Button	SIM2_HLP.fmx
Save Button	Calls Oracle Forms built-in "COMMIT_FORM"
Close Button	Calls Form validation triggers, followed by Oracle Forms built-in "EXIT_FORM".
Translation Button	TRANS2_D.fmx
Update Format Button	CREATE_IMP_FMT Library Trigger

Table Usages and Column Details

Table 2.2.6.2 - SIM_IMP_CFG

Primary Key: SICC_SEQ

Display Item	Base Table Item	FK Table	FK Column
Name	SICC_NAME		
Type	SICC_SID_SEQ	SIM_IMP_DEFS	SID_TYPE
Type Description (No Prompt)	SICC_SID_SEQ	SIM_IMP_DEFS	SID_DESC
Desc	SICC_DESC		
Org ID	SICC_TSMORGAN_ORG_ID SICC_TSMORGAN_IS_NUMBER	TSMORGAN	ORG_ID
Delimiter	SICC_DELIMITER		

Delimiter Description (No Prompt)	SICC_DELIMITER	None	Decoded in form
Import Format	None		

Table 2.2.6.3 - SIM_IMP_CFG_DETS

Primary Key: SICDT_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SICDT_SICC_SEQ	SIM_IMP_CFG	SICC_SEQ
Column	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_NAME
Pos	SICDT_POS		
Required	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_REQ_IN_IMPORT
Include	SICDT_INCLUDED		
Generate	SICDT_GENERATE		
Default	SICDT_DEFAULT		
Max Len	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_MAX_LEN
Fmt Option	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_FORMAT_OPTION
Format	SICDT_SIFC_SEQ	SIM_IMP_FMT_CHOICES	SIFC_FMT_CHOICE

Import Configuration Screen - Instructions Tab

SIM - Import Configuration

Name:

Type: Projects load definition

Desc:

Org ID: Delimiter: Pipe

Columns | **Instructions**

Instruction	Instruction Choice
Project Translations	Don't create translations for Project fields

Import Format:

Figure 2.2.6.2-impcfg2_d

Purpose:

Lists the instructions and choices for the selected import configuration.

Called Objects and Processes

Table 2.2.6.4 – IMPCFG2_D Called Objects

Button	Called Object
Copy Configuration Button	COPY_CFG.fmx
Load Configuration Button	LOAD_CFG.fmx
Help Button	SIM2_HLP.fmx
Save Button	Calls Oracle Forms built-in "COMMIT_FORM"
Close Button	Calls Form validation triggers, followed by Oracle Forms built-in "EXIT_FORM".
Update Format Button	CREATE_IMP_FMT Library Trigger

Table Usages and Column Details

Table 2.2.6.5 - SIM_IMP_CFG

Primary Key: SICC_SEQ

Display Item	Base Table Item	FK Table	FK Column
Name	SICC_NAME		
Type	SICC_SID_SEQ	SIM_IMP_DEFS	SID_TYPE
Type Description (No Prompt)	SICC_SID_SEQ	SIM_IMP_DEFS	SID_DESC
Desc	SICC_DESC		
Org ID	SICC_TSMORGAN_ORG_ID; SICC_TSMORGAN_IS_NUMBER	TSMORGAN	ORG_ID

Delimiter	SICC_DELIMITER		
Delimiter Description (No Prompt)	None		
Import Format	None		

Table 2.2.6.6 - SIM_IMP_CFG_INSTRS

Primary Key: SICL_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SICL_SICC_SEQ	SIM_IMP_CFG	SICC_SEQ
Instruction	SICL_SII_SEQ	SIM_IMP_INSTRS	SII_DESC
Format	SICL_SIIC_SEQ	SIM_IMP_INSTR_CHOICES	SIIC_CHOICE

2.2.7 Translations (trans2_d)

Figure 2.2.7.1-trans2_d

Purpose

Shows translation details if any have been configured.

Called Objects and Processes

Table 2.2.7.1 – TRANS2_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Save Button	Calls Oracle Forms built-in "COMMIT_FORM"
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.2.7.2 - SIM_IMP_CFG_DET

Primary Key: SICDT_SEQ

Display Item	Base Table Item	FK Table	FK Column
Config	SICDT_SICC_SEQ	SIM_IMP_CFG	SICC_NAME
Org ID	SICDT_SICC_SEQ	SIM_IMP_CFG	SICC_TSMORGAN_ORG_ID
Column	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_NAME
Column Description (No Prompt)	SICDT_SIC_SEQ	SIM_IMP_COLS	SIC_DESC

Table 2.2.7.3 - SIM_TRANSLATIONS

Primary Key: ST_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	ST_SICDT_SEQ	SIM_IMP_CFG_DET	SICDT_SEQ
Code	ST_USER_CODE		
Translate To	ST_STORET_CODE		

2.2.8 Copy Import Configuration (copy_cfg)

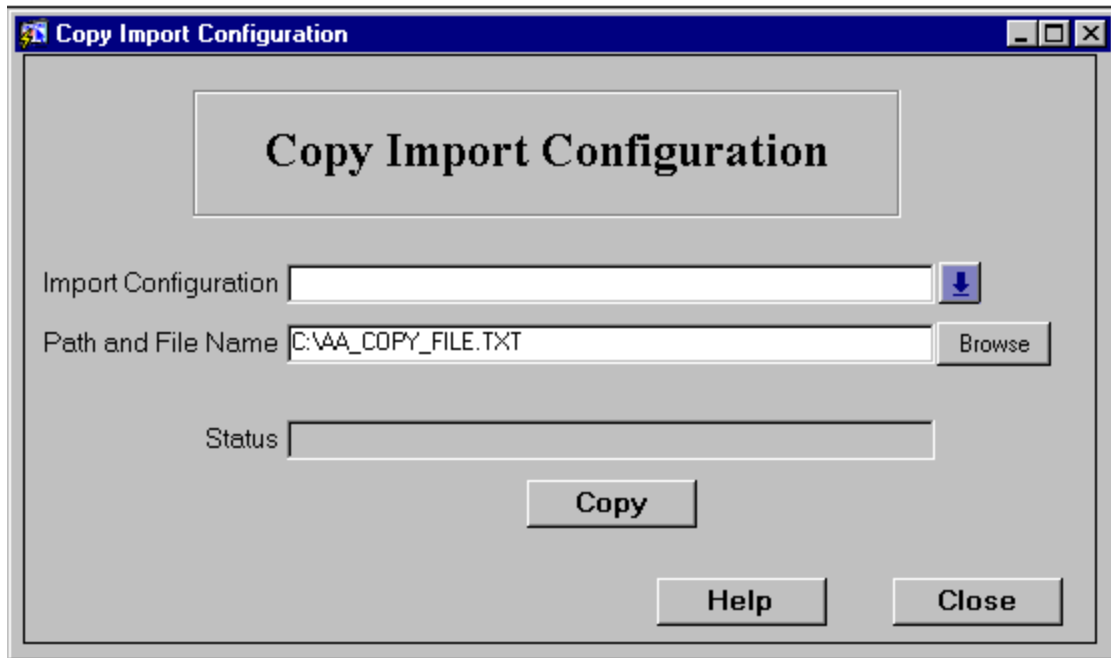


Figure 2.2.8.1-copy_cfg

Purpose:

Calls the copy import configuration process.

Called Objects and Processes

Table 2.2.8.1 – COPY_CFG Called Objects

Button	Called Object
Copy Button	CREATE_COPY_FILE Form Trigger
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.9 Load Import Configuration (load_cfg)

Load Import Configuration

Path and File Name: C:\AA_COPY_FILE.TXT

Organization ID: DEMOTEST

Configuration Name:

Status:

Figure 2.2.9.1-load_cfg

Purpose:

Starts the load import configuration process.

Called Objects and Processes

Table 2.2.9.1 – LOAD_CFG Called Objects

Button	Called Object
Load Button	LOAD_CONFIG Form Trigger CREATE_CONFIG Form Trigger CREATE_INSTR Form Trigger CREATE_TRANS Form Trigger CREATE_COL Form Trigger COPYLG_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

No tables are referenced in this form.

2.2.10 Import Status (impstat2_d)

Figure 2.2.10.1-impstat2_d

Purpose:

Shows the current status of an import. Allows a user to view any import errors, view specific records with errors, migrate successfully imported records to STORET, delete the import from SIM, or export records with errors to a text file.

Called Objects and Processes

Table 2.2.10.1 – IMPSTAT2_D Called Objects

Button	Called Object
Edit Import Configuration Button	IMPCFG2_D.fmx
View Import Errors Button	ILOG2_D.fmx
Preview Records with Errors Button	If errors and import type equals 'STATIONS' or 'GW_STATIONS': STA2_L.fmx If 'RESULTS' or 'BIOLOGICAL': ACT2_L.fmx If 'PROJECTS': PROJ2_L.fmx
Migrate Records to STORET Button	If the import type equals 'RESULTS' or 'BIOLOGICAL': SIM2_EXPORT_RESULT_PKG.SIM2_EXPORT If 'STATIONS': SIM2_EXPORT_STATION_PKG.SIM2_EXPORT_STATIONS If 'PROJECTS': SIM2_EXPORT_PROJECT_PKG.EXPORT_PROJECTS. If 'WELLS': SIM_EXPORT_WELL_PKG.MIGRATE_WELLS If 'LOCATIONS': SIM_EXPORT_LOCATION_PKG.MIGRATE_LOCATIONS
Delete Import From SIM Button	SIM2_IMPORT_PKG.DELETE_IMPORT
Export Records with Errors Button	EXPORT_IMPORT_LINES Library Trigger SIM2_IMPORT_PKG.UPDATE_SIL_ROWS_IMPORTED SIM2_IMPORT_PKG.UPDATE_SIL_ROWS_ERRORS
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.2.10.2 – SIM_IMPORT_LOG

Primary Key: SIL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Import ID	SIL_SEQ		
Import Type	SIL_IMPORT_TYPE		
Org ID	SIL_TSMORGAN_ORG_ID		
Import Configuration	SIL_SICC_SEQ	SIM_IMP_CFG	SICC_NAME
Import File	SIL_IMPORT_FILE		
Rows Read	SIL_ROWS_IMPORTED		
Rows with Errors	SIL_ROWS_ERRORS		
Result Ready to Migrate	SIL_ROWS_READY		
Activities Ready to Migrate	SIL_ACTIVITIES_IMPORTED		
Export Path	None		
Export File	None		

2.2.11 Import Errors (ilog2_d)

The screenshot shows a Windows-style dialog box titled "Import Errors". It features four input fields: "Import ID", "Import File", "Date Imported", and "Imported By". A "Suppress Warnings" button is located to the right of the "Date Imported" field. Below these fields is a large list box with a vertical scrollbar on the left and a "Description" label above it. The list box is currently empty. At the bottom right of the dialog are "Help" and "Close" buttons.

Figure 2.2.11.1-ilog2_d

Purpose:

Shows the details of any errors encountered during an import.

Called Objects and Processes

Table 2.2.11.1 – ILOG2_D Called Objects

Button	Called Object
Suppress Warnings Button	Changes where clause to exclude descriptions with WARNING.
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.2.11.2 - SIM_IMPORT_LOG

Primary Key: SIL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Import ID	SIL_SEQ		
Import File	SIL_IMPORT_FILE		
Date Imported	SIL_IMPORT_ON		
Imported By	SIL_IMPORTED_BY		

Table 2.2.11.3 - SIM_IMPORT_DETAILS

Primary Key: SMD_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SMD_SIL_SEQ	SIM_IMPORT_LOG	SIL_SEQ
Description	SMD_DESC		

2.3 Data Review

2.3.1 Project List View (proj2_l)

Figure 2.3.1.1-proj2_l

Purpose:

Lists the projects currently imported into SIM.

Called Objects and Processes

Table 2.3.1.1 – PROJ2_L Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.1.2 - SIM_PROJECTS

Primary Key: SPJ_SEQ

Display Item	Base Table Item	FK Table	FK Column
ID	SPJ_ID		
Name	SPJ_NAME		
Start Date	SPJ_START_DATE		
Duration	SPJ_DURATION		
Purpose	SPJ_PURPOSE		
Contact	SPJ_CONTACT		
Status	SPJ_STATUS		
Org Id	SPJ_ORG_ID		

2.3.2 Projects (proj2_d)

Projects Screen – Project Tab

The screenshot shows a software window titled "Projects". It has two tabs: "Project" and "Import Errors". The "Project" tab is active. The form contains the following fields and controls:

- ID**: A text input field.
- Name**: A text input field.
- Status**: A dropdown menu.
- Org Id**: A text input field with a blue arrow button to its right.
- Start Date**: A date input field.
- Duration**: A text input field.
- Contact**: A large text area.
- Purpose**: A large text area.
- Document**: A text input field.
- Buttons**: "Help" and "Close" buttons at the bottom right.

Figure 2.3.2.1-proj2_d

Purpose:

Lists the details of the selected project.

Called Objects and Processes

Table 2.3.2.1 –PROJ2_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.2.2 - SIM_PROJECTS

Primary Key: SPJ_SEQ

Display Item	Base Table Item	FK Table	FK Column
ID	SPJ_ID		
Name	SPJ_NAME		
Status	SPJ_STATUS		
Org Id	SPJ_ORG_ID		
Start Date	SPJ_START_DATE		
Duration	SPJ_DURATION		
Contact	SPJ_CONTACT		
Purpose	SPJ_PURPOSE		
Document	SPJ_DOCUMENT		

Projects Screen – Import Errors Tab

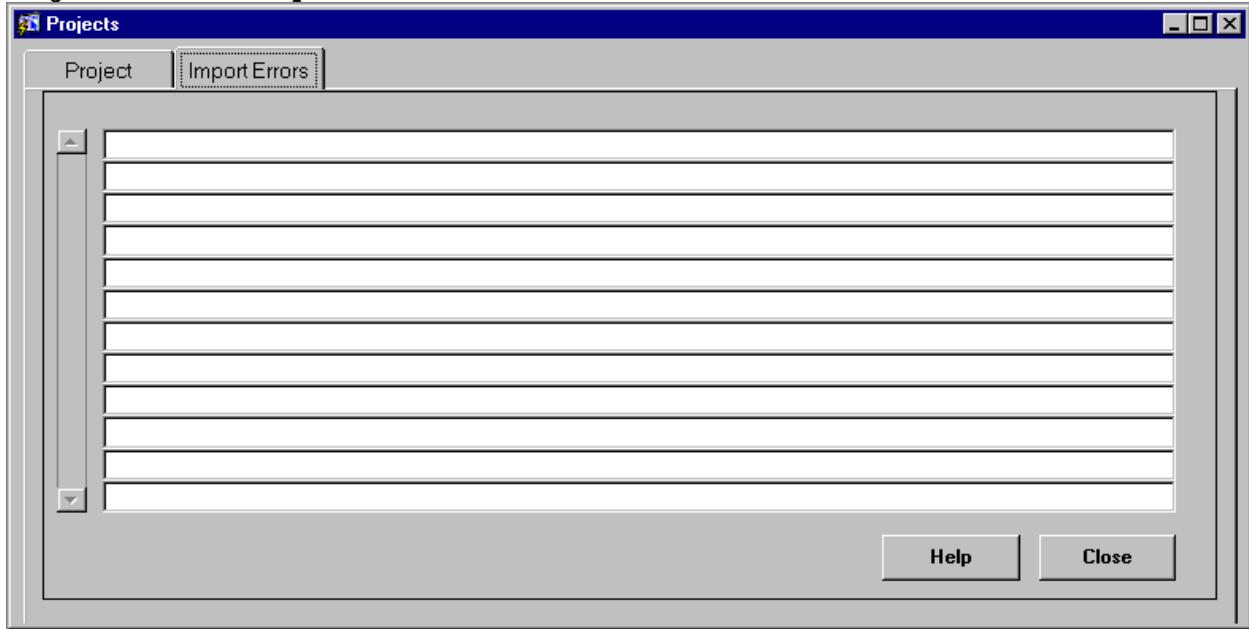


Figure 2.3.2.2-proj2_d

Purpose:

Shows import errors related to the selected project.

Called Objects and Processes

Table 2.3.2.3 – PROJ2_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.2.4 - SIM_IMPORT_DETAILS

Primary Key: SMD_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SMD_IMPORT_SEQ	SIM_PROJECTS	SPJ_SEQ
Description (No Prompt)	SMD_DESC		

2.3.3 Stations List (sta2_l)

The screenshot shows a window titled "Stations List" with a table containing the following data:

Station ID	Station Name	Org Id	Status	Import Number
CBC-008	Blackwater National Wildlife Refuge	DEMOTEST	U	100268
SIM-EST-1	Example Estuary Station	DEMOTEST	E	100261
SIM-FAC-1	Example Facility Station	DEMOTEST	E	100264
SIM-GLK-1	Example Great Lake Station	DEMOTEST	E	100262
SIM-OCN-1	Example Ocean Station	DEMOTEST	E	100263
SIM-RIV-1	Example River Station	DEMOTEST	E	100264
SIM-WEL-1	Example Well Station	DEMOTEST	E	100264
SIM-WET-1	Example Wetland Station	DEMOTEST	E	100264

At the bottom right of the window are "Help" and "Close" buttons.

Figure 2.3.3.1-sta2_l

Purpose:

Lists the stations imported into SIM.

Called Objects and Processes

Table 2.3.3.1 – STA2_L Called Objects

Button	Called Object
Double Click	STATION_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.3.2 - SIM_STATIONS

Primary Key: STA_SEQ

Display Item	Base Table Item	FK Table	FK Column
Station ID	STA_ID		
Station Name	STA_NAME		
Org Id	STA_TSMORGAN_ORG_ID		
Status	STA_STATUS		
Import Number	STA_IMPORT_SEQ		

2.3.4 Stations Detail (station_d)

The screenshot shows a window titled "Station Detail" with a standard Windows interface (minimize, maximize, close buttons). The window contains several input fields and buttons. At the top, there are fields for "Station Id" and "Station Name". Below these are "Primary Type", "Secondary Type", "Import Status", and "Document/Graphic". A "Station Description" field is followed by "Establishment Date", "Water Depth", and "ZID Relation". Further down are "EPA Key Identifier" and "Ecoregion Name". Below those are "Influence Area" and "Travel Directions". A section for coordinates includes "Latitude" (with sub-fields for Deg, Min, Sec), "Longitude" (with sub-fields for Dec, Deg, Dec, Min, Dir), "Lat/Long Measure Date", "Scale", "Point Name", "Geopositioning Datum", and "Geopositioning Method". Below this is "Elevation" (with sub-fields for Meas Dt, Elevation Datum, Elevation Method). At the bottom of the form are "Hydrologic Unit Code", "County", "State", "Native American Land", and "NRCS". At the very bottom of the window is a row of buttons: "Wells", "Great Lake", "Estuary", "Ocean", "Locations", "Import Errors", "Help", and "Close".

Figure 2.3.4.1-station_d

Purpose:

Shows the details of the selected station.

Called Objects and Processes

Table 2.3.4.1 –STA2_D Called Objects

Button	Called Object
Wells Button	WELL_D.fmx
Great Lake Button	LAKE_D.fmx
Estuary Button	ESTUARY_D.fmx
Ocean Button	OCEAN_D.fmx
Locations Button	STA_LOC_L.fmx
Import Errors Button	IMP_ER_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.4.2 - SIM_STATIONS

Primary Key: STA_SEQ

Prompt	Base Table Item	FK Table	FK Column
Station Id	STA_ID		
Station Name	STA_NAME		
Primary Type	STA_TSMVSTC_ORG_ID STA_TSMVSTC_IS_NUMBER	TSMVSTC	PRIMARY_TYPE_CD

Secondary Type	STA_TSMVSTC_ORG_ID STA_TSMVSTC_IS_NUMBER	TSMVSTC	SECONDARY_TYPE_CD
Import Status	STA_STATUS	None	Decoded in form
Document/Graphic	STA_DOCUMENT		
Station Description	STA_DESC		
Establishment Date	STA_ESTAB_DATE		
Water Depth	STA_WATER_DEPTH		
Water Depth Units (No Prompt)	STA_WATER_DEPTH_UNIT		
ZID Relation	STA_ZID_REL		
EPA Key Identifier	STA_EPA_KEY_ID		
Ecoregion Name	STA_ECOREGION		
Influence Area	STA_INFLUENCE_AREA		
Travel Directions	STA_TRAVEL_DIR		

Table 2.3.4.3 - SIM_STATION_LOCATIONS

Primary Key: STL_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	STL_STA_SEQ	SIM_STATIONS	STA_SEQ
Lat Degrees	STL_LAT_DEGREES		
Lat Minutes	STL_LAT_MINUTES		
Lat Seconds	STL_LAT_SECONDS		
Lat Decimal Degrees	STL_LAT_DEC_DEGREES		
Lat Decimal Minutes	STL_LAT_DEC_MINUTES		
Lat Direction	STL_LAT_DIR		
Long Degrees	STL_LONG_DEGREES		
Long Minutes	STL_LONG_MINUTES		
Long Seconds	STL_LONG_SECONDS		
Long Decimal Degrees	STL_LONG_DEC_DEGREES		
Long Decimal Minutes	STL_LONG_DEC_MINUTES		
Long Direction	STL_LONG_DIR		
Lat/Long Measure Date	STL_LAT_LONG_MSR_DATE		
Scale	STL_GPS_SCALE		
Point Name	STL_POINT_NAME		
Geopositioning Datum	STL_GEOPOS_DATUM_SEQ	TSMMDAD	DESCRIPTION
Geopositioning Method	STL_GEOPOS_METHOD_SEQ	TSMMDAD	DESCRIPTION
Elevation	STL_ELEVATION_MSR		
Elevation Unit (No Prompt)	STL_ELEVATION_UNIT		
Meas Dt	STL_ELEV_MSR_DATE		
Elevation Datum	STL_ELEV_DAT_SEQ	TSMMDAD	DESCRIPTION
Elevation Method	STL_ELEV_METH_SEQ	TSMMDAD	DESCRIPTION
Hydrologic Unit Code	STL_TSMFHU_ORG_ID STL_TSMFHU_IS_NUMBER	TSMFHU	HYDROLOGIC_UNIT_CD
Hydrologic Unit Name (No Prompt)	STL_TSMFHU_ORG_ID STL_TSMFHU_IS_NUMBER	TSMFHU	NAME
County	STL_TSMGEOPA_ORG_ID STL_TSMGEOPA_IS_NUMBER	TSMGEOPA	COUNTY_NAME
State	STL_TSMGEOPA_ORG_ID STL_TSMGEOPA_IS_NUMBER	TSMGEOPA	STATE_NAME
Native American Land	STL_TSMNAL_CD		
Native American Land State (No Prompt)	STL_TSMNAL_STATE		
NRCS	STL_NRCS		

2.3.5 Import Errors (imp_d_er)

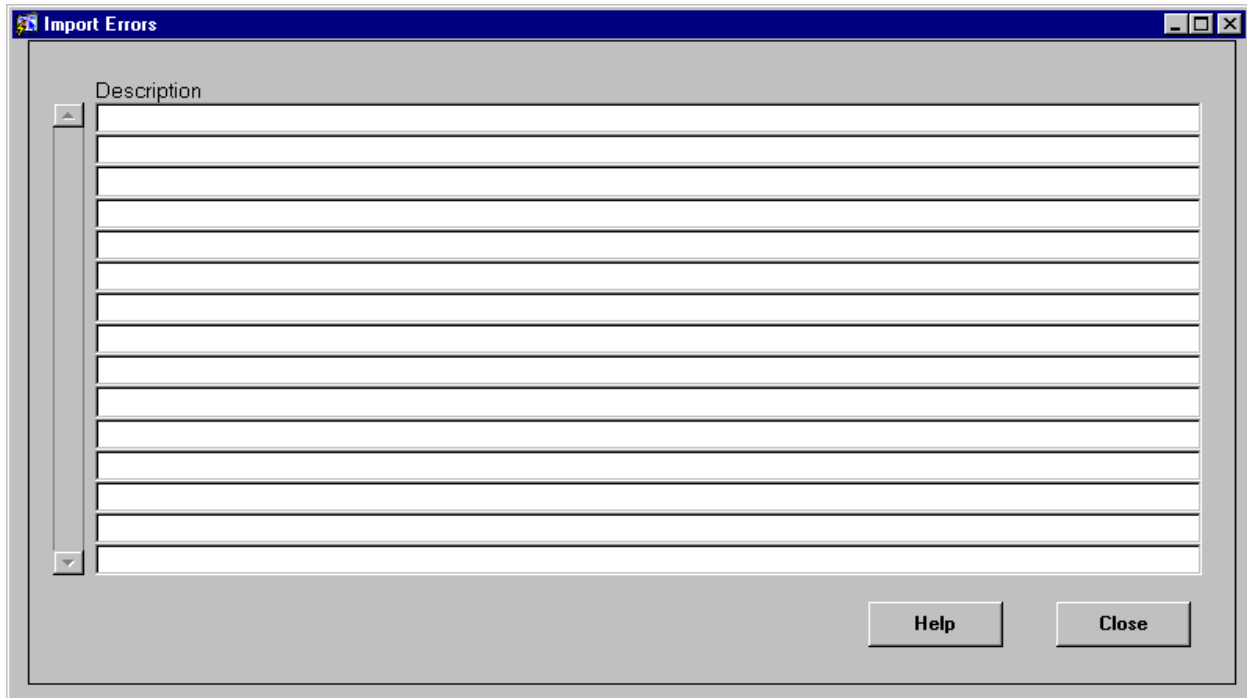


Figure 2.3.5.1-imp_d_er

Purpose:

Shows import errors related to the selected station.

Called Objects and Processes

Table 2.3.5.1 –IMP_ER_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.5.2 - SIM_IMPORT_DETAILS

Primary Key: SMD_SEQ

Display Item	Base Table Item	FK Table	FK Column
Import Errors	SMD_DESC		

(No Prompt)			
Init Pump Rate	SSW_INIT_PUMP_RATE		
Init Pump Rate Unit (No Prompt)	SSW_INIT_PUMP_RATE_UNIT		
Borehole Diameter	SSW_INIT_BOREHOLE_DIAM		
Init Borehole Diameter Unit (No Prompt)	SSW_INIT_BOREHOLE_DIAM_UNIT		
Casing Height	SSW_CASING_HEIGHT		
Casing Height Unit (No Prompt)	SSW_CASING_HEIGHT_UNIT		
Depth at Completion	SSW_DEPTH_COMPLETION		
Depth at Completion Unit (No Prompt)	SSW_DEPTH_COMPLETION_UNIT		
Depth of Hole	SSW_DEPTH_HOLE		
Depth of Hole Unit (No Prompt)	SSW_DEPTH_HOLE_UNIT		
Natural Flow	SSW_NATURAL_FLOW		
Disinfected	SSW_DISINFECTED		
Import Number	SSW_IMPORT_SEQ	SIM_IMPORT_LOG	SIL_SEQ

2.3.7 Great Lake Station (lake_d)

Figure 2.3.7.1-lake_d

Purpose:

Lists the Great Lake details for the selected Great Lake station.

Called Objects and Processes

Table 2.3.7.1 – LAKE_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.7.2 - SIM_GREAT_LAKE

Primary Key: SGL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Great Lake	SGL_LAKE_NAME		
Additional Great Lake Location Name	SGL_ADD_LAKE_NAME		
Distance to Shore	SGL_SHORE_DIST		
Distance Units	SGL_SHORE_DIST_UNIT		
Reference Point	SGL_REF_PT		

2.3.8 Estuary Station (estuary_d)

Figure 2.3.8.1-estuary_d

Purpose:

Lists the estuary details for the selected estuary station.

Called Objects and Processes

Table 2.3.8.1 – ESTUARY_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.8.2 - SIM_ESTUARY_LOG

Primary Key: SEL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Primary Estuary	TSMESTRY_ORG_ID TSMESTRY_IS_NUMBER	TSMESTRY	PRIMARY_INDICATOR
Secondary Estuary	TSMESTRY_ORG_ID TSMESTRY_IS_NUMBER	TSMESTRY	PRIMARY_INDICATOR
Estuary State	TSMESTRY_ORG_ID TSMESTRY_IS_NUMBER	TSMESTRY	STATE_PROVINCE_NAME
Other Estuary	SEL_OTHER_ESTUARY		
Additional Estuary Location Name	SEL_ADD_LOC_NAME		
Distance to Shore	SEL_SHORE_DIST		
Distance Units	SEL_SHORE_DIST_UNIT		
Reference Point	SEL_REF_PT		

2.3.9 Ocean Station (ocean_d)

The screenshot shows a Windows-style dialog box titled "Ocean Station". Inside the dialog, there are several input fields arranged vertically. The first two are "Ocean Name" and "Additional Location Name". Below them is "Shore Relation". Then "Distance to Shore" which includes a small dropdown for units. This is followed by "Reference Point". The last field is "Bottom Topography", which is a larger text area with a vertical scrollbar. At the bottom right of the dialog are two buttons: "Help" and "Close".

Figure 2.3.9.1-ocean_d

Purpose:

Lists the ocean details for the selected ocean station.

Called Objects and Processes

Table 2.3.9.1 – OCEAN_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.9.2 - SIM_OCEAN

Primary Key: SOC_SEQ

Display Item	Base Table Item	FK Table	FK Column
Ocean Name	SOC_NAME		
Additional Ocean Location Name	SOC_ADDITIONAL_LOC		
Shore Relation	SOC_SHORE_RELATION		
Distance to Shore	SOC_SHORE_DISTANCE		
Shore Distance Unit (No Prompt)	SOC_SHORE_DIST_UNIT		
Reference Point	SOC_REFERENCE_PT		
Bottom Topography	SOC_BOTTOM_TOPOGRAPHY		

Longitude Seconds	STL_LONG_SECONDS		
Lat/Long Msr Date	STL_LAT_LONG_MSR_DATE		
Method	STL_GEOPOS_METHOD		
Datum	STL_GEOPOS_DATUM		
Scale	STL_GPS_SCALE		
Elevation	STL_ELEVATION_MSR		
Elevation Unit (No Prompt)	STL_ELEVATION_UNIT		
Msr. Date	STL_ELEV_MSR_DATE		
Method	STL_ELEV_METHOD		
Datum	STL_ELEV_DATUM		
Point Name	STL_POINT_NAME		
Well ID	STL_TSMWELL_IS_NUMBER STL_TSMWELL_ORG_ID	TSMWELL	ID_NUMBER
Pipe ID	STL_TSMPIP_IS_NUMBER STL_TSMPIPE_ORG_ID	TSMPIPE	ID_NUMBER
Import Number	STL_IMPORT_SEQ	SIM_IMPORT_LOG	SIL_SEQ

2.3.11 Activity List (act2_l)

Figure 2.3.11.1-act2_l

Purpose:

Lists the activities loaded into SIM.

Called Objects and Processes

Table 2.3.11.1 – ACT2_L Called Objects

Button	Called Object
Sort by Station ID	SIM2_STATION_SORT(FA_TSMSTATN_IS_NUMBER, FA_TSMSTATN_ORG_ID)
Sort by Activity ID	Sort by FA_ACTIVITY_ID
Sort by Start Date	Sort by FA_START_DATE
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.11.2 - SIM_FIELD_ACTIVITIES

Primary Key: FA_SEQ

Display Item	Base Table Item	FK Table	FK Column
Trip	FA_STP_SEQ	SIM_TRIPS	STP_TRIP_ID
Station ID	FA_TSMSTATN_IS_NUMBER FA_TSMSTATN_ORG_ID	TSMSTATN	IDENTIFICATION_ID
Station Name	FA_TSMSTATN_IS_NUMBER FA_TSMSTATN_ORG_ID	TSMSTATN	NAME
Visit Number	FA_SSV_SEQ	SIM_STATION_VISITS	SSV_ID
Activity ID	FA_ACTIVITY_ID		

Rep	FA_REPLICATE_NBR		
Start Date	FA_START_DATE		
Status	FA_STATUS		
Import Number	FA_IMPORT_SEQ	SIM_IMPORT_LOG	SIL_SEQ

2.3.12 Field Activities Detail (act2_d)

The screenshot shows the 'Field Activities Detail' window. It contains the following fields and sections:

- Top Section:** Org ID, Trip ID, Trip Start Date, End Date, Station ID, Visit Nbr., Arrive Date, Project Identification Code, Cooperating Organization.
- Middle Section:** Document, Station Visit, Comments, Field Set Id, Field Set Name, Activity Id, Replicate, QC Indicator, Start Date, Start Time, Stop Date, Stop Time, Type, Category, Bio Part, Medium, Community, Sample Wt, Intent, Subject Taxon, Species No., Sample Matrix, Chain Of Cust., Personnel, Document, Activity, Comments.
- Bottom Section:** Results, Biological Result Groups, Activity Locations, Activity Depth, Activity Parents, Sample Collection Details, Trap/Net Details, Trawl Details, Import Errors, Help, Close, Status dropdown.

Figure 2.3.12.1-act2_d

Purpose:

Shows the details of the selected field activity.

Called Objects and Processes

Table 2.3.12.1 – ACT2_D Called Objects

Button	Called Object
Results	RSLT_L.fmx
Biological Result Group	BRG_L.fmx
Activity Location	ACT_LOCATION_D.fmx
Activity Depth	ACT_DEPTH_D.fmx
Activity Parents	ACT_PARENT_L.fmx
Sample Collection Details	SMPL_COLL_D.fmx
Trap/Net Details Button	NET_D.fmx
Trawl Details Button	TRAWL_D.fmx
Import Errors	IMP_D_ER.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.12.2 - SIM_FIELD_ACTIVITIES

Primary Key: FA_SEQ

Display Item	Base Table Item	FK Table	FK Column
Org ID	FA_TSMORGAN_ORG_ID		
Trip ID	FA_STP_SEQ	SIM_TRIPS	STP_TRIP_ID
Trip Name (No Prompt)	FA_STP_SEQ	SIM_TRIPS	STP_TRIP_NAME
Trip Start Date	FA_STP_SEQ	SIM_TRIPS	STP_START_DATE
End Date	FA_STP_SEQ	SIM_TRIPS	STP_END_DATE
Station ID	FA_TSMSTATN_IS_NUMBER FA_TSMSTATN_ORG_ID	TSMSTATN	IDENTIFICATION_CD
Station Name	FA_TSMSTATN_IS_NUMBER FA_TSMSTATN_ORG_ID	TSMSTATN	NAME
Visit Nbr	FA_TSRSTVST_IS_NUMBER FA_TSRSTVST_ORG_ID	TSRSTVST	ID_NUMBER
Arrive Dt.	FA_TSRSTVST_IS_NUMBER FA_TSRSTVST_ORG_ID	TSRSTVST	ARRIVAL_DATE
Station Visit Comments	FA_STVST_COMMENTS		
Field Set Id	FA_FDSET_ID		
Field Set Name	FA_FDSET_NAME		
Activity ID	FA_ACTIVITY_ID		
Replicate	FA_REPLICATE_NBR		
QC Indicator	FA_QC_INDICATOR		
Start Date	FA_START_DATE		
Start Time	FA_START_TIME		
Time Zone (No Prompt)	FA_START_TIME_ZONE		
Type	FA_TYPE_NAME		
Category	FA_CATEGORY		
Stop Date	FA_STOP_DATE		
Stop Time	FA_STOP_TIME		
Stop Time Zone (No Prompt)	FA_STOP_TIME_ZONE		
Medium	FA_MEDIUM		
Community	FA_TSMPRMVL_COMMUNITY_IS_NBR FA_TSMPRMVL_COMMUNITY_ORG_ID	TSMPRMVL	FIELD_VALUE
Bio Part	FA_TSRBIOPT_IS_NUMBER FA_TSRBIOPT_ORG_ID	TSRBIOPT	NAME
Intent	FA_INTENT		
Subject Taxon	FA_TSRCHAR_IS_NUMBER FA_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Species No.	FA_SPECIES_NUMBER		
Sample Matrix	FA_TSRMATRX_IS_NUMBER FA_TSRMATRX_ORG_ID	TSRMATRX	NAME
Chain of Custody ID	FA_CHAIN_OF_CUSTODY_ID		
Document	FA_DOCUMENT		
Field Activity Comments	FA_ACTIVITY_COMMENTS		
Status	FA_STATUS		

Table 2.3.12.3 - SIM_ACTIVITY_PROJECTS

Primary Key: SAPJ_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SAPJ_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ
Project Identification Code	SAPJ_TSMPROJ_IS_NUMBER SAPJ_TSMPROJ_ORG_ID	TSMPROJ	NAME

Table 2.3.12.4 - SIM_ACTIVITY_CPORG

Primary Key: SAC_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SAC_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ
Cooperating Organization Code	SAC_TSMCPORG_IS_NUMBER SAC_TSMCPORG_ORG_ID	TSMCPORG	NAME

Table 2.3.12.5 - SIM_ACTIVITY_PERSONNEL

Primary Key: SAP_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SAP_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ
Personnel	SAP_TSMPERSON_IS_NUMBER SAP_TSMPERSON_ORG_ID	TSMPERSON	FIRST_NAME
Last Name (No Prompt)	SAP_TSMPERSON_IS_NUMBER SAP_TSMPERSON_ORG_ID	TSMPERSON	LAST_NAME

Table 2.3.12.6 - SIM_SAMPLE

Primary Key: SS_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SS_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ
Sample Wt	SS_TOTAL_WEIGHT_MSR		
Sample Wt Units (No Prompt)	SS_TSR_WT_UOM_SEQ		

Table 2.3.12.7 - SIM_STATION_VISITS

Primary Key: SSV_SEQ

Display Item	Base Table Item	FK Table	FK Column
Document	SSV_DOCUMENT		

2.3.13 Result List (rslt_l)

The screenshot shows a window titled "Field Activity Results". It contains a table with the following columns: Characteristic, Result Value, Units, Value Status, Fraction, Value Type, and Data Lines. The table is currently empty. Below the table, there are four buttons: "All Results Final", "All Results Preliminary", "Help", and "Close".

Figure 2.3.13.1-rslt_l

Purpose:

Lists the results for the selected field activity.

Called Objects and Processes

Table 2.3.13.1 – RSLT_L Called Objects

Button	Called Object
All Results Final	Changes results status to Final.
All Results Preliminary	Changes results status to Preliminary.
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.13.2 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	Fk Table	FK Column
(Not Visible)	RS_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ
Characteristic	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Result	RS_RESULT		
Units	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
Value Status	RS_VALUE_STATUS		
Fraction	RS_FRACTION_TSMPRMVL_IS_NUMBER RS_FRACTION_TSMPRMVL_ORG_ID	TSMPRMVL	FIELD_VALUE
Value Type	RS_VALUE_TYPE		
Data Lines	RS_DATA_LINE_NUMBER		

2.3.14 Result Detail (rslt2_d)

Figure 2.3.14.1-rslt2_d

Purpose:

Lists the result details for the selected field activity.

Called Objects and Processes

Table 2.3.14.1 – RSLT2_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.14.2 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	FK Table	FK Column
Char Group ID	RS_TSRCHGRP_IS_NUMBER RS_TSRCHGRP_ORG_ID	TSRCHGRP	ID_CODE
Row ID	RS_TSRCHDEF_IS_NUMBER RS_TSRCHDEF_ORG_ID	TSRCHDEF	ROW_ID
Characteristic	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Species No.	RS_SPECIES_NUMBER		
Result Value	RS_RESULT		
Unit of Measure (No	RS_TSRUOM_IS_NBR	TSRUOM	SHORT_FORM_NAME

Prompt)	RS_TSRUOM_ORG_ID		
Sample Fraction	RS_FRACTION_TSMPRMVL_IS_NUMBER RS_FRACTION_TSMPRMVL_ORG_ID	TSMPRMVL	FIELD_VALUE
Stat Type	RS_STAT_TYPE		
Value Type	RS_VALUE_TYPE		
Data Line	RS_DATA_LINE_NUMBER		
Precision	RS_PRECISION		
Line Name	RS_DATA_LINE_NAME		
Duration Basis	RS_DURATION_BASIS		
Conf Level	RS_CONF_LEVEL		
Temperature Basis	RS_TEMP_BASIS		
Bias	RS_BIAS		
Weight Basis	RS_WEIGHT_BASIS		
CL Corrected for Bias	RS_CONF_LVL_CORR_BIAS		
Document/Graphic	RS_DOCUMENT		
Comment	RS_COMMENT		
Lab ID	RS_TSRLAB_IS_NUMBER RS_TSRLAB_ORG_ID	TSRLAB	ID_CODE
Analysis Date	RS_ANALYSIS_DATE		
Procedure ID	RS_TSRANLPR_IS_NUMBER RS_TSRANLPR_ORG_ID	TSRANLPR	PROCEDURE_ID
Proc Source	RS_TSRANLPR_IS_NUMBER RS_TSRANLPR_ORG_ID	TSRANLPR	SOURCE_ACR
Lab Batch ID	RS_LAB_BATCH_ID		
Analysis Time	RS_ANALYSIS_TIME		
Preparation ID	RS_TSRLSPP_IS_NUMBER RS_TSRLSPP_ORG_ID	TSRLSPP	PREPARATION_ID
Prep Source	RS_TSRLSPP_IS_NUMBER RS_TSRLSPP_ORG_ID	TSRLSPP	SOURCE_ACR
Lab Certified	RS_LAB_CERT		
Time Zone	RS_ANALYSIS_TIME_ZONE		
Lower Quant Limit	RS_LOWER_QUANT_LIMIT		
Upper Quant Limit	RS_UPPER_QUANT_LIMIT		
Detect Limit	RS_DETECT_LIMIT		
Detect Limit UOM	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
Detection Limit Comment	RS_DETECT_COMMENT		

Table 2.3.14.3 - SIM_RESULT_LAB_REMARKS

Primary Key: SRLR_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SRLR_RS_SEQ		
Lab Remark Codes	SRLR_TSRLBRMK_IS_NUMBER SRLR_TSRLBRMK_ORG_ID	TSRLBRMK	SHORT_NAME
Lab Remark Desc (No Prompt)	SS_TSR_WT_UOM_SEQ	TSRLBRMK	DESCRIPTION_TEXT

Table 2.3.14.4 - SIM_RESULT_CLASS_INDICATOR

Primary Key: RCI_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RCI_RS_SEQ		
Particle Size Basis	RCI_PARTICLE_SIZE_BASIS		

2.3.15 Biological Results Group List (brg_l)

Activity Id	Group ID	Type	Frequency Analysis	Subject Taxon

Figure 2.3.15.1-brg_l

Purpose:

Lists the biological results for the selected field activity.

Called Objects and Processes

Table 2.3.15.1 – BRG_L Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.15.2 - SIM_BIO_RESULTS_GRP

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	BRG_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
Group ID	BRG_ID_CODE		
Type	BRG_TYPE		
Frequency Analysis	BRG_FREQ_ANALYSIS		
Subject Taxon	BRG_TSRCHAR_IS_NUMBER BRG_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME

2.3.16 Biological Results Group Detail (brg_d)

The screenshot shows a software window titled "Bio Results Group Detail". It contains several input fields at the top: "Activity ID", "Group ID", "Type", "Total # in Group", and "BRG Description". Below these fields is a table with 9 columns: "Characteristic", "Species #", "Result Value", "UOM", "Funct Feed Grp", "Taxon Tolerance", "Pollution", "Trophic Level", and "Habit". The table has 12 empty rows. At the bottom right of the window are two buttons: "Help" and "Close".

Figure 2.3.16.1-brg_d

Purpose:

Displays the detail of the specific biological results selected.

Called Objects and Processes

Table 2.3.16.1 – BRG_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.16.2 - SIM_BIO_RESULTS_GRP

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	BRG_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
Group ID	BRG_ID_CODE		
Type	BRG_TYPE		
Total # in Group	BRG_SUMMARY_GRP_COUNT		
BRG Description	BRG_DESCRIPTION_TEXT		

Table 2.3.16.3 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RS_BRG_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Characteristic	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Species Number	RS_SPECIES_NUMBER		
Result Value	RS_RESULT		
UOM	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
UOM			
Funct Feed Grp	RS_FNCTIONAL_FEED_GRP		
Taxon Pollution Tolerance	RS_TAXON_POLLUTION		
Trophic Level	RS_TROPHIC_LEVEL		
Habit	RS_HABIT_TSMPRMVLOIS_NUMBER RS_HABIT_TSMPRMVL0ORG_ID	TSMPRMVL	FIELD_VALUE
Voltinism	RS_VOLT_TSMPRMVL1ORG_ID RS_VOLT_TSMPRMVL1IS_NUMBER	TSMPRMVL	FIELD_VALUE

2.3.17 Frequency Class – Physical Measures (freq_class_p)

Single Taxon Frequency Classes - Physical Measures

Activity ID

BRG ID

BRG Description

Common Class Descriptor

Optional Group Descriptors

Sex

Life Stage

	Lower	Upper	Count	Value Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Help Close

Figure 2.3.17.1-freq_class_p

Purpose:

Displays the physical measures of the specific frequency class selected.

Called Objects and Processes

Table 2.3.17.1 – FREQ_CLASS_P Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.17.2 - SIM_BIO_RESULTS_GRP

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	BRG_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
BRG ID	BRG_ID_CODE		
BRG Description	BRG_DESCRIPTION_TEXT		
Sex	BRG_TSRCPV_SEX_IS_NUMBER BRG_TSRCPV_SEX_ORG_ID	TSRCPV	SHORT_NAME
Life Stage	BRG_TSRCPV_LIFESTAGE_IS_NBR BRG_TSRCPV_LIFESTAGE_ORG_ID	TSRCPV	SHORT_NAME

Table 2.3.17.3 - SIM_RESULT_CLASS_INDICATOR

Primary Key: RCI_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RCI_BRG_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Lower	RCI_LOWER_BND_AMT		
Upper	RCI_UPPER_BND_AMT		

Table 2.3.17.4 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RS_BRG_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Common Class Descriptor	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
UOM (No Prompt)	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
Count	RS_RESULT		
Value Status	RS_VALUE_STATUS		

2.3.18 Frequency Class – Bio Measures (freq_class_b)

Single Taxon Frequency Classes - Bio Measures

Activity ID

BRG ID

BRG Description

Primary Class Descriptor

Secondary Class Descriptor

Primary Class Value	Secondary Class Value	Count	Value Status
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Help Close

Figure 2.3.18.1-freq_class_b

Purpose:

Displays the biological measures of the specific frequency class selected.

Called Objects and Processes

Table 2.3.18.1 – **FREQ_CLASS_B** Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.18.2 - SIM_BIO_RESULTS_GRP

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	BRG_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
BRG ID	BRG_ID_CODE		
BRG Description	BRG_DESCRIPTION_TEXT		

Table 2.3.18.3 - SIM_RESULTS_CLASS_INDICATOR

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Primary Class Value	RCI_PRIMARY_CLASS_IND		
Secondary Class Value	RCI_SECOND_CLASS_IND		

Table 2.3.18.4 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RS_BRG_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Primary Class Descriptor	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID RS_TSRCHAR0IS_NUMBER RS_TSRCHAR0ORG_ID	TSRCHAR	DISPLAY_NAME
Secondary Class Descriptor	RS_TSRCHAR_IS_NUMBER RS_TSRCHAR_ORG_ID RS_TSRCHAR0IS_NUMBER RS_TSRCHAR0ORG_ID	TSRCHAR	DISPLAY_NAME
Count	RS_RESULT		
Value Status	RS_VALUE_STATUS		

2.3.19 Individual Results Group Detail (ind_res_grp_d)

Individual Results Group Detail

Activity ID

Bio Results Group ID

Bio Results Group Type

Subject Taxon Spec No.

BRG Description

Number of Individuals in Count

Individual Number	Characteristic	Result Value	UOM	Weight Basis	Value Type	Value Status

Help Close

Figure 2.3.19.1-ind_res_grp_d

Purpose:

Displays the individual results of the selected frequency class.

Called Objects and Processes

Table 2.3.19.1 – IND_RES_GRP_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.19.2 - SIM_BIO_RESULTS_GRP

Primary Key: BRG_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	BRG_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
Bio Results Group ID	BRG_ID_CODE		
Bio Results Group Type	BRG_TYPE		
Subject Taxon	BRG_TSRCHAR_IS_NUMBER BRG_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Spec No.	BRG_SPECIES_NUMBER		
BRG Description	BRG_DESCRIPTION_TEXT		
Number of Individuals in Count	BRG_SUMMARY_GRP_COUNT		

Table 2.3.19.3 - SIM_RESULTS

Primary Key: RS_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	RS_BRG_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Characteristic	BRG_TSRCHAR_IS_NUMBER BRG_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Result Value	RS_RESULT		
UOM	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
Weight Basis	RS_WEIGHT_BASIS		
Value Type	RS_VALUE_TYPE		
Value Status	RS_VALUE_STATUS		
Field/Lab Proc	RS_TSRANLPR_IS_NUMBER RS_TSRANLPR_ORG_ID	TSRANLPR	PROCEDURE_ID
Lab/Sample Prep	RS_TSRLSPP_IS_NUMBER RS_TSRLSPP_ORG_ID	TSRLSPP	PREPARATION_ID
Comment	RS_COMMENT		

Table 2.3.19.4 - SIM_BIO_RESULTS_GRP_INDIVIDUAL

Primary Key: BRGI_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	BRGI_SEQ	SIM_BIO_RESULTS_GRP	BRG_SEQ
Individual Number	BRGI_INDIVIDUAL_NUMBER		

2.3.20 Activity Location Details (act_location_d)

Figure 2.3.20.1-act_location_d

Purpose:

Displays the additional activity location information for the selected activity.

NOTE: The Geopositioning and Elevation Method and Datum will not display if these values were manually entered by the STORET interface.

Called Objects and Processes

Table 2.3.20.1 – ACT_LOCATION_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.20.2 - SIM_STATION_LOCATIONS

Primary Key: STL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Point Name	STL_POINT_NAME		
Status	STL_STATUS		
Point Type	STL_TYPE_CODE		
Seq No.	STL_SEQUENCE_NUMBER		
Well ID	STL_TSMWELL_IS_NUMBER STL_TSMWELL_ORG_ID	TSMWELL	ID_NUMBER
Latitude Deg.	STL_LAT_DEGREES		
Latitude Min.	STL_LAT_MINUTES		
Latitude Sec.	STL_LAT_SECONDS		
Latitude Dec. Degrees	STL_LAT_DEC_DEGREES		
Latitude Dec. Minutes	STL_LAT_DEC_MINUTES		
Latitude Dir.	STL_LAT_DIR		
Longitude Deg.	STL_LONG_DEGREES		
Longitude Min.	STL_LONG_MINUTES		
Longitude Sec.	STL_LONG_SECONDS		
Longitude Dec. Degrees	STL_LONG_DEC_DEGREES		
Longitude Dec. Minutes	STL_LONG_DEC_MINUTES		
Longitude Dir.	STL_LONG_DIR		
Lat/Long Measure Date	STL_LAT_LONG_MSR_DATE		
Geopositioning Method	STL_GEOPOS_METHOD	TSMRAD	DESCRIPTION
Datum	STL_GEOPOS_DATUM	TSMRAD	DESCRIPTION
Scale	STL_GPS_SCALE		
Elevation	STL_ELEVATION_MSR		
Elevation Units (No Prompt)	STL_ELEVATION_UNIT		
Elevation Measure Date	STL_ELEV_MSR_DATE		
Elevation Method	STL_ELEV_METHOD	TSMRAD	DESCRIPTION
Datum	STL_ELEV_DATUM	TSMRAD	DESCRIPTION

Table 2.3.20.3 - SIM_ACTUAL_ACTIVITY_LOC

Primary Key: AAL_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	AAL_STL_SEQ	SIM_STATION_LOCATIONS	STL_SEQ
Additional Location Information	AAL_ADDTNL_LOC_INFO		

2.3.21 Sample Collection Details (smpl_coll_d)

Sample Collection Details

Sample Collection Procedure ID

Gear ID

Config ID

Preservation, Transport and Storage ID

Gear Deployment Comments

Gear Dep comment

Transport and Storage Comments

STS Comment

Help Close

Figure 2.3.21.1-smpl_coll_d

Purpose:

Displays the sample collection procedures of the specific activity selected.

Called Objects and Processes

Table 2.3.21.1 – SMPL_COLL_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.21.2 - SIM_SAMPLE

Primary Key: SS_SEQ

Display Item	Base Table Item	FK Table	FK Column
Sample Collection Procedure ID	SS_FA_SEQ & FA_TSRFLDPR_IS_NUMBER FA_TSRFLDPR_ORG_ID	SIM_FIELD_ACTIVITIES & TSRFLDPR	ID_CODE
Gear ID	SS_FA_SEQ & FA_TSRFLDGR_IS_NUMBER FA_TSRFLDGR_ORG_ID	SIM_FIELD_ACTIVITIES & TSRFLDGR	ID_CODE
Config ID	SS_FA_SEQ & FA_TSRGRCFG_IS_NUMBER FA_TSRGRCFG_ORG_ID	SIM_FIELD_ACTIVITIES & TSRGRCFG	ID_CODE
Preservation, Transport and Storage ID	SS_FA_SEQ & FA_TSRSDP_IS_NUMBER FA_TSRSDP_ORG_ID	SIM_FIELD_ACTIVITIES & TSRSDP	ID_CODE
Gear Deployment Comments	SS_GEAR_DEPLOYMENT		
Transport and Storage Comments	SS_TRANSPORT_STORAGE		

2.3.22 Trap/Net Details (net_d)

The screenshot shows a Windows-style dialog box titled "Trap/Net Details". It contains several input fields: "Duration" (a small text box), "Relative Current" (a small text box), "Relative Wind" (a small text box), and "Orientation To Current" (a larger text box). Below these is a large multi-line text area for "Comment". At the bottom right, there are two buttons labeled "Help" and "Close".

Figure 2.3.22.1-net_d

Purpose:

Lists the trap/net details for the selected field activity.

Called Objects and Processes

Table 2.3.22.1 – NET_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.22.2 - SIM_TRAP_NET

Primary Key: STN_SEQ

Display Item	Base Table Item	FK Table	FK Column
Duration	STN_SAMPLING_DUR		
Duration Unit (No Prompt)	STN_SAMPLING_DUR_UNIT		
Relative Current	STN_REL_CURRENT		
Orientation To Current	STN_ORIENT_TO_CUR		
Relative Wind	STN_REL_WIND		
Comment	STN_COMMENT		

2.3.23 Trawl Detail (trawl_d)

Figure 2.3.23.1-trawl_d

Purpose:

Lists the trawl details for the selected field activity.

Called Objects and Processes

Table 2.3.23.1 – TRAWL_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.23.2 - SIM_TRAWL_OPS_DET

Primary Key: TOD_SEQ

Display Item	Base Table Item	FK Table	FK Column
Fished Duration	TOD_FISHED_DURATION		
Fished Duration Unit (No Prompt)	TOD_FISHED_DUR_UOM		
Fished Distance	TOD_FISHED_DISTANCE		
Fished Distance Unit (No Prompt)	TOD_FISHED_DISTANCE_UOM		
Relative Wind Direction	TOD_REL_WIND_DIR		
Relative Current Direction	TOD_REL_CURRENT_DIR		

2.3.24 Activity Depth (act_depth_d)

Figure 2.3.24.1-act_depth_d

Purpose:

Lists the depth details for the selected field activity.

Called Objects and Processes

Table 2.3.24.1 – ACT_DEPTH_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.24.2 - SIM_FIELD_ACTIVITIES

Primary Key: FA_SEQ

Display Item	Base Table Item	FK Table	FK Column
Depth	FA_DEPTH		
Depth Units (No Prompt)	FA_DEPTH_UOM		
Relative Depth	FA_REL_DEPTH		
Depth Range	FA_UPDEPTH		
to	FA_LOWDEPTH		
Depth Range (No Prompt)	FA_DEPTH_RANGE_UOM		
Reference Point	FA_DEPTH_REF_POINT		
Depth Zone	FA_DEPTH_ZONE		
Halocline	FA_HALO		
Pycnocline	FA_PYCNO		
Thermocline	FA_THERMO		

2.3.25 Activity Parents (act_parent_d)

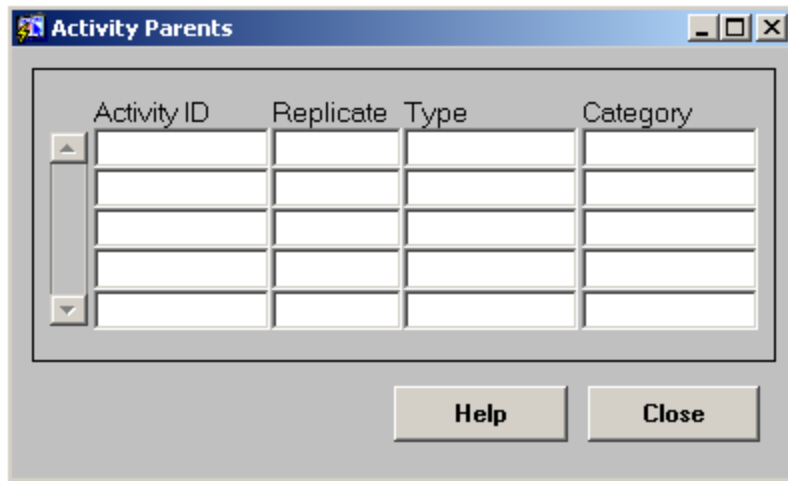


Figure 2.3.25.1-act_parent_d

Purpose:

Lists the parent details for the selected field activity.

Called Objects and Processes

Table 2.3.25.1 – ACT_PARENT_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.3.25.2 - SIM_FIELD_ACTIVITY_PARENT

Primary Key: FAP_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	FAP_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_SEQ

Table 2.3.25.2 - SIM_FIELD_ACTIVITIES

Primary Key: FA_SEQ

Display Item	Base Table Item	FK Table	FK Column
Activity ID	FA_ACTIVITY_ID		
Replicate	FA_REPLICATE_NBR		
Type	FA_TYPE_NAME		
Category	FA_CATEGORY		

2.4 Advanced

2.4.1 SIM Copy/Load Config Log (copylg_l)

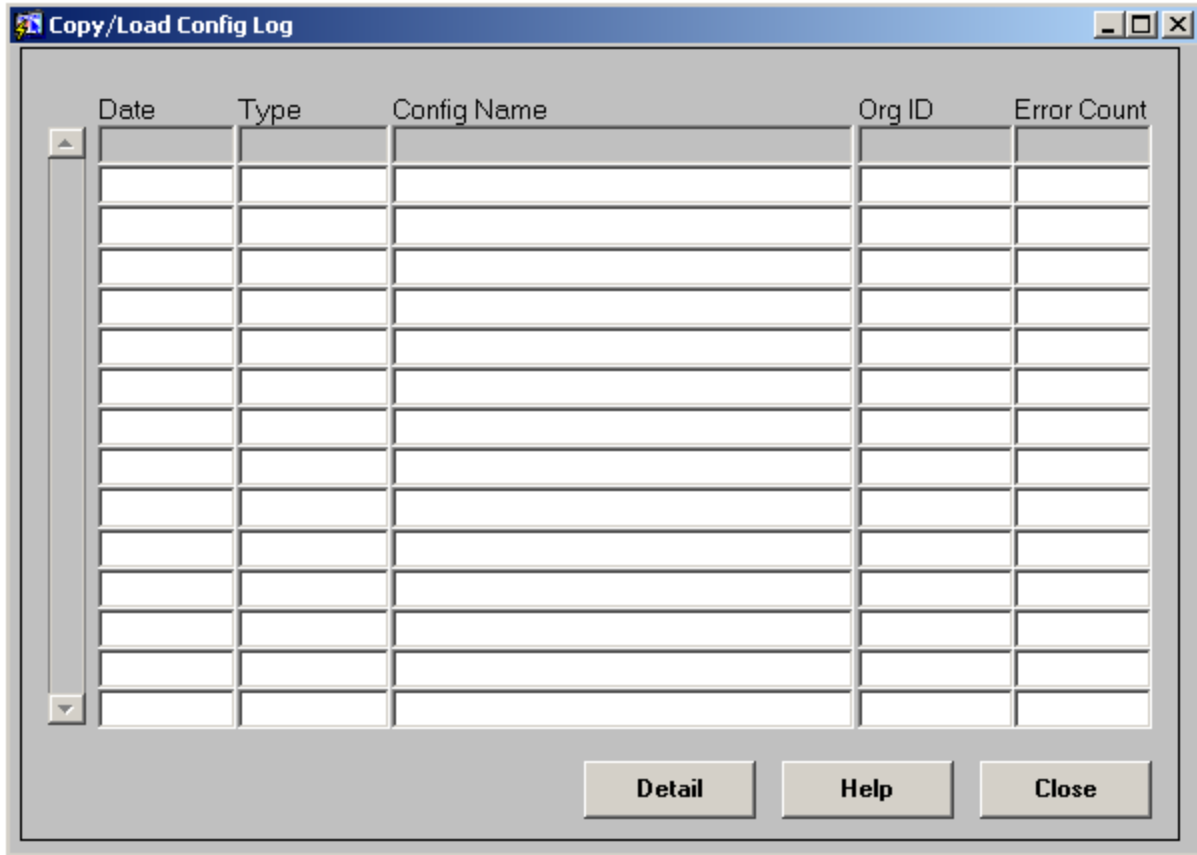


Figure 2.4.1.1-copylg_l

Purpose:

Lists the log entries for all import configuration copy and load processes.

Called Objects and Processes

Table 2.4.1.1 – COPYLG_L Called Objects

Button	Called Object
Double Click / Detail Button	COPYLG_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.4.1.2 - SIM_COPY_LOG

Primary Key: SCL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Date	SCL_DATE		
Type	SCL_TYPE		
Config Name	SCL_SICC_NAME		
Org ID	SCL_ORG_ID		
Error Count	SCL_ERROR_CNT		

2.4.2 SIM Copy/Load Config Log Details (copylg_d)

Figure 2.4.2.1-copylg_d

Purpose:

Lists the log details for a selected import configuration copy and load process.

Called Objects and Processes

Table 2.4.2.1 – COPYLG_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.4.1.2 - SIM_COPY_LOG

Primary Key: SCL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Org ID	SCL_ORG_ID		
Type	SCL_TYPE		
Date	SCL_DATE		
Configuration	SCL_SICC_NAME		
By	SCL_USER_ID		
File	SCL_FILE		
Error Count	SCL_ERROR_CNT		

Table 2.41.2 - SIM_COPY_LOG_DETAILS

Primary Key: SCLD_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SCLD_SCL_SEQ	SIM_COPY_LOG	SCL_SEQ
Type	SCLD_TYPE		
Description	SCLD_DESC		
Oracle Message	SCLD_ERROR		

2.4.3 Import Log (ilog2_l)

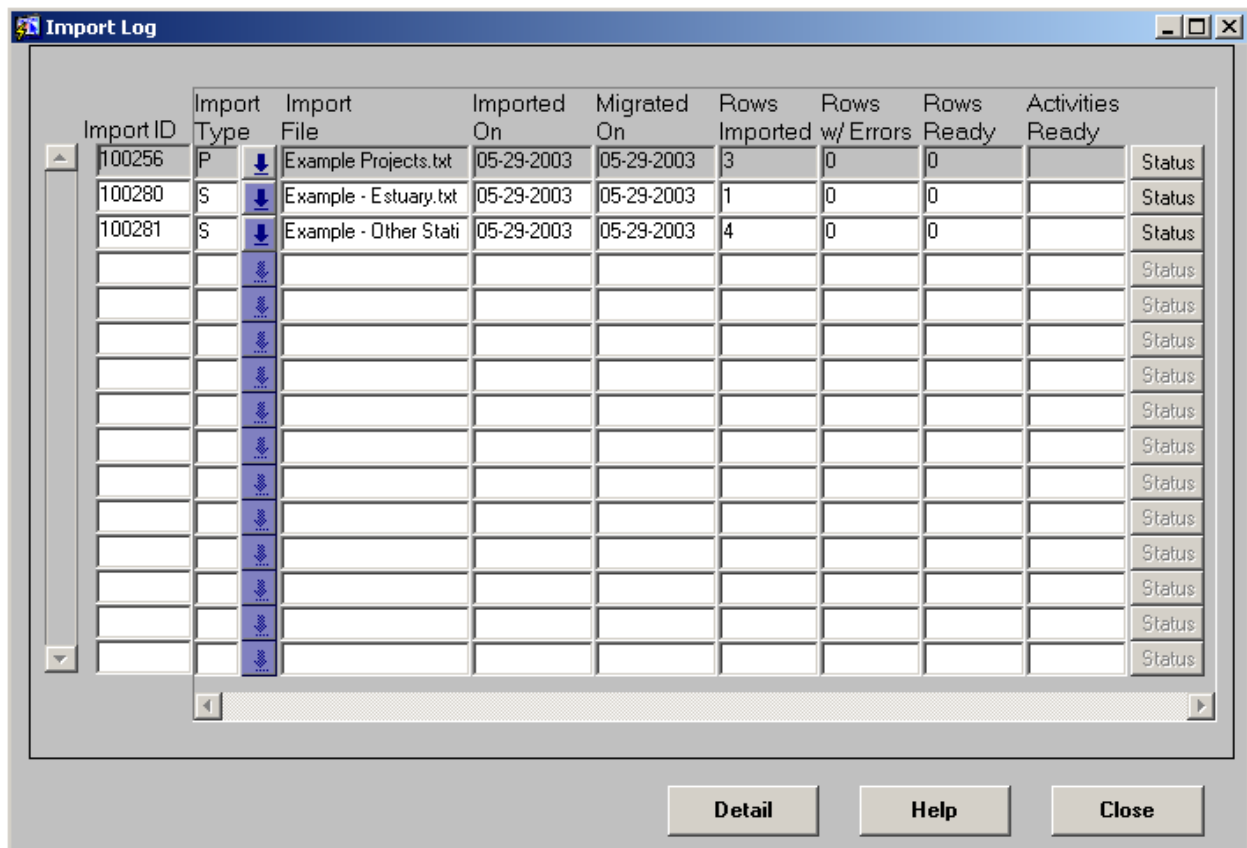


Figure 2.4.3.1-ilog2_1

Purpose:

Lists the log entries for all import processes. Once an import is deleted from SIM, the import log entry is deleted as well.

Called Objects and Processes

Table 2.4.3.1 – ILOG2_L Called Objects

Button	Called Object
Double Click / Detail Button	COPYLG_D.fmx
Status Button	IMPSTAT2_D.fmx
Help Button	SIM2_HLP.fmx
Close Button	Calls Oracle Forms built-in "EXIT FORM"

Table Usages and Column Details

Table 2.4.3.2 - SIM_IMPORT_LOG

Primary Key: SIL SEQ

Display Item	Base Table Item	FK Table	FK Column
Import ID	SIL_SEQ		
Import Type	SIL_IMPORT_TYPE		
Import File	SIL_IMPORT_FILE	None	Decoded in Form
Imported On	SIL_IMPORT_ON		
Migrated On	SIL_EXPORTED_ON		

Number Imported	SIL_ROWS_IMPORTED		
Rows w/Errors	SIL_ROWS_ERRORS		
Rows Ready	SIL_ROWS_READY		
Activities Ready	SIL_ACTIVITIES_IMPORTED		

2.4.4 Import Status Report (ilog_p)

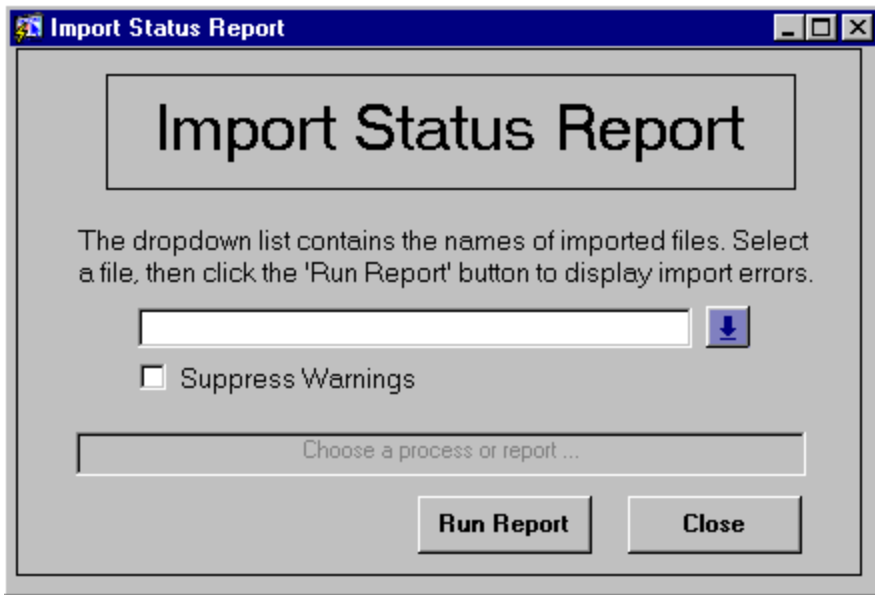


Figure 2.4.4.1-ilog_p

Purpose:

Parameter form for the import status report which lists all import status and import error information for a selected import log entry.

Called Objects and Processes

Table 2.4.4.1 – ILOG_P Called Objects

Button	Called Object
Run Report Button	ILOG.rdf
Exit Button	Fires built-in Trigger in Library.

No tables are referenced in this form.

2.4.5 Migration Log (explog2_l)

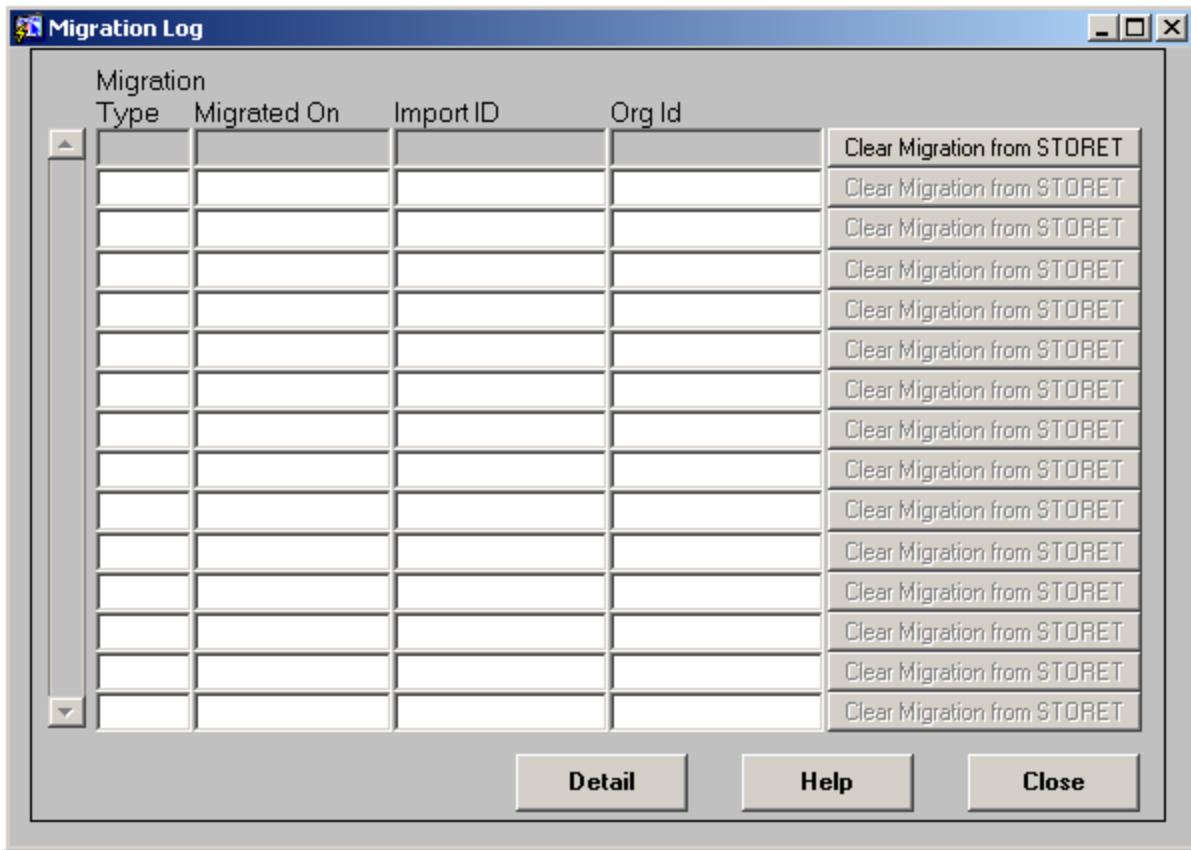


Figure 2.4.5.1-explog2_l

Purpose:

Lists the Log Entries for all migration processes. In SIM, migration is the process of moving imported data from SIM into STORET.

Called Objects and Processes

Table 2.4.5.1 – EXPLOG2_L Called Objects

Button	Called Object
Clear Migration from STORET	SIM2_EXPORT_PKG.CLEAR_EXPORT
Help Button	SIM2_HLP.fmx
Exit Button	Fires built-in Trigger in Library.

Table Usages and Column Details

Table 2.4.5.2 - SIM_EXPORT_LOG

Primary Key: SEL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Migration Type	SEL_EXPORT_TYPE		
Migrated On	SEL_EXPORTED_ON		
Import ID	SEL_FILENAME		
Org Id	SEL_ORG_ID		

2.4.6 Migration Log Detail (explog2_d)

Figure 2.4.6.1-explog2_d

Purpose:

Lists the migration log details for a selected migration process. Any migration errors will be listed in the description field.

Called Objects and Processes

Table 2.4.6.1 – EXPLOG2_D Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Close Button	Fires built-in Trigger in Library.

Table Usages and Column Details

Table 2.4.6.2 - SIM_EXPORT_LOG

Primary Key: SEL_SEQ

Display Item	Base Table Item	FK Table	FK Column
Migration Type	SEL_EXPORT_TYPE		
Migrated On	SEL_EXPORTED_ON		
Import ID	SEL_FILENAME		
Org Id	SEL_ORG_ID		

Table 2.4.6.3 - SIM_EXPORT_DETAILS

Primary Key: SED_SEQ

Display Item	Base Table Item	FK Table	FK Column
(Not Visible)	SED_SEL_SEQ	SIM_EXPORT_LOG	SEL_SEQ
Description	SED_DESC		

2.4.7 SIM Config (config2_l)

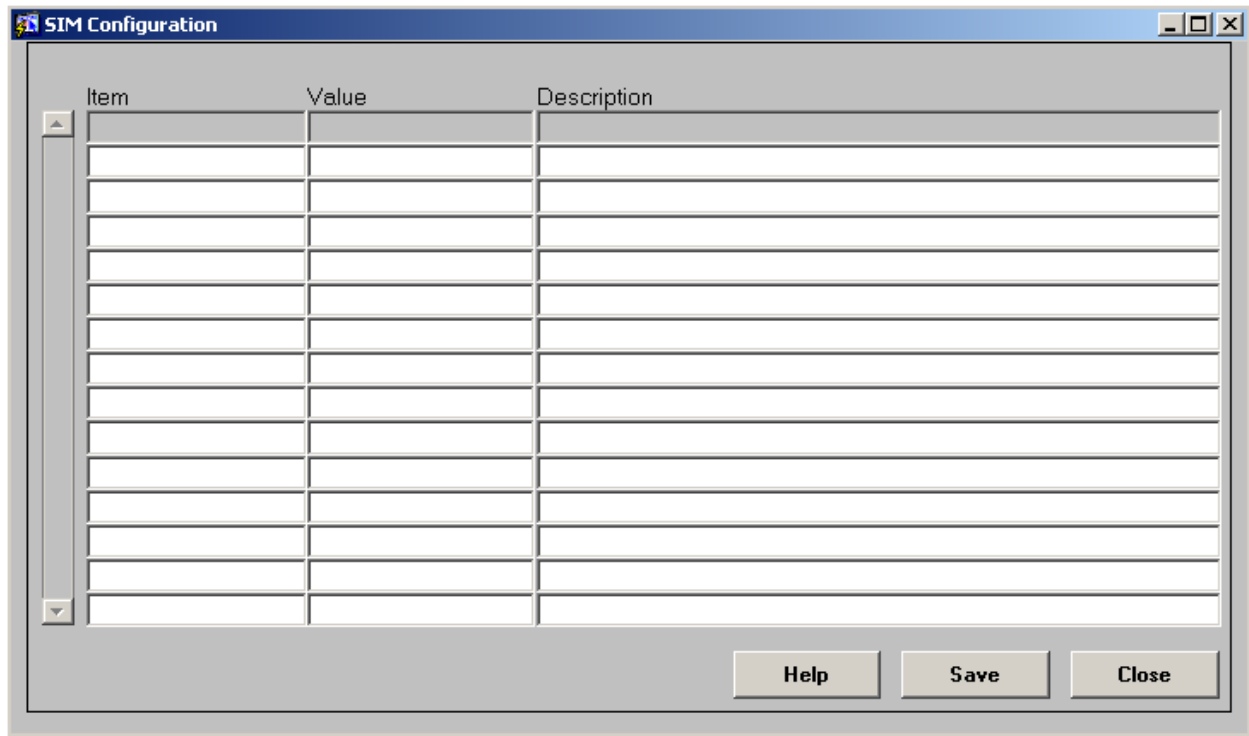


Figure 2.4.7.1-config2_l

Purpose:

Lists the system configuration settings for the STORET Import Module (SIM).

Called Objects and Processes

Table 2.4.7.1 – CONFIG2_L Called Objects

Button	Called Object
Help Button	SIM2_HLP.fmx
Save Button	Calls Oracle Forms built-in "COMMIT_FORM"
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.4.7.2 - SIM_CONFIG

Primary Key: SC_SEQ

Display Item	Base Table Item	FK Table	FK Column
Item	SC_ITEM		
Value	SC_VALUE		
Description	SC_DESC		

2.5 Advanced

2.5.1 User Help Documentation (sim2_hlp)

User Help Screen - Item Help Tab

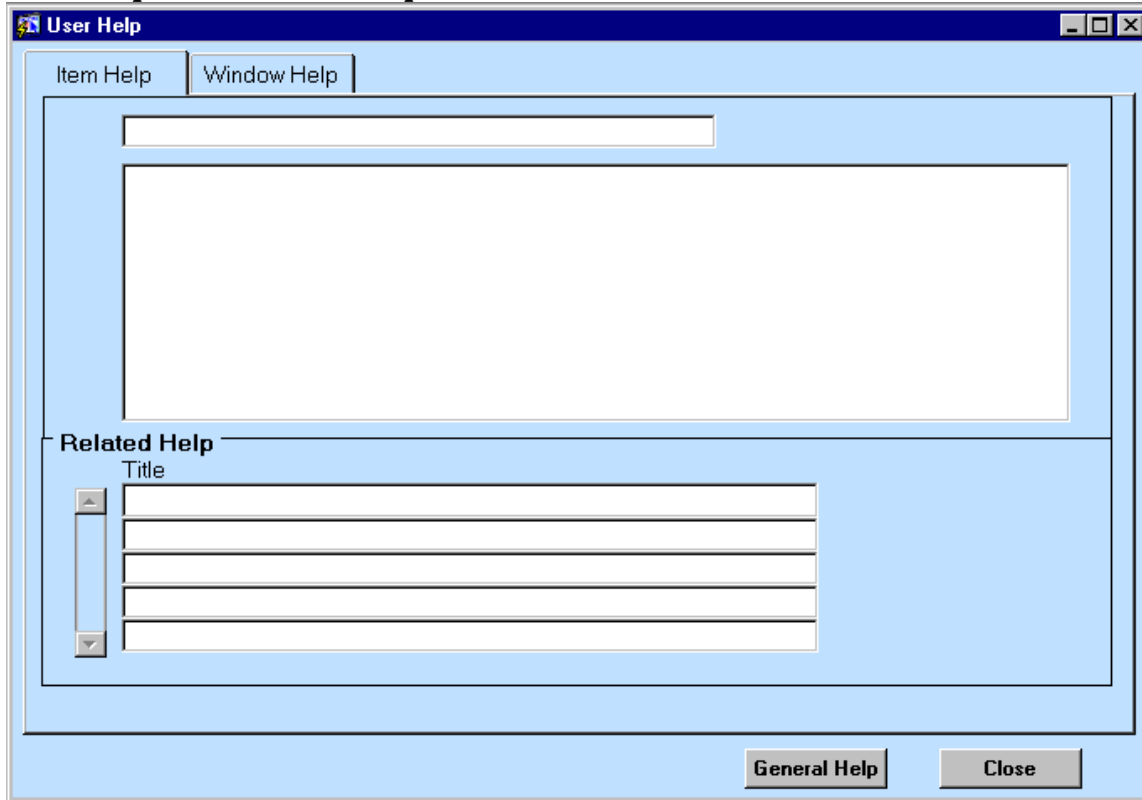


Figure 2.5.1.1-sim2_hlp

Purpose:

Displays item-specific help topics for a particular field in the currently active window.

Called Objects and Processes

Table 2.5.1.1 – SIM2_HLP Called Objects

Button	Called Object
General Help Button	WINHLP32
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.5.1.2 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title (No Prompt)	HLP_TITLE		
Item Help (No Prompt)	HLP_USER_HELP		

Table 2.5.1.3 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		

User Help Screen – Window Help Tab

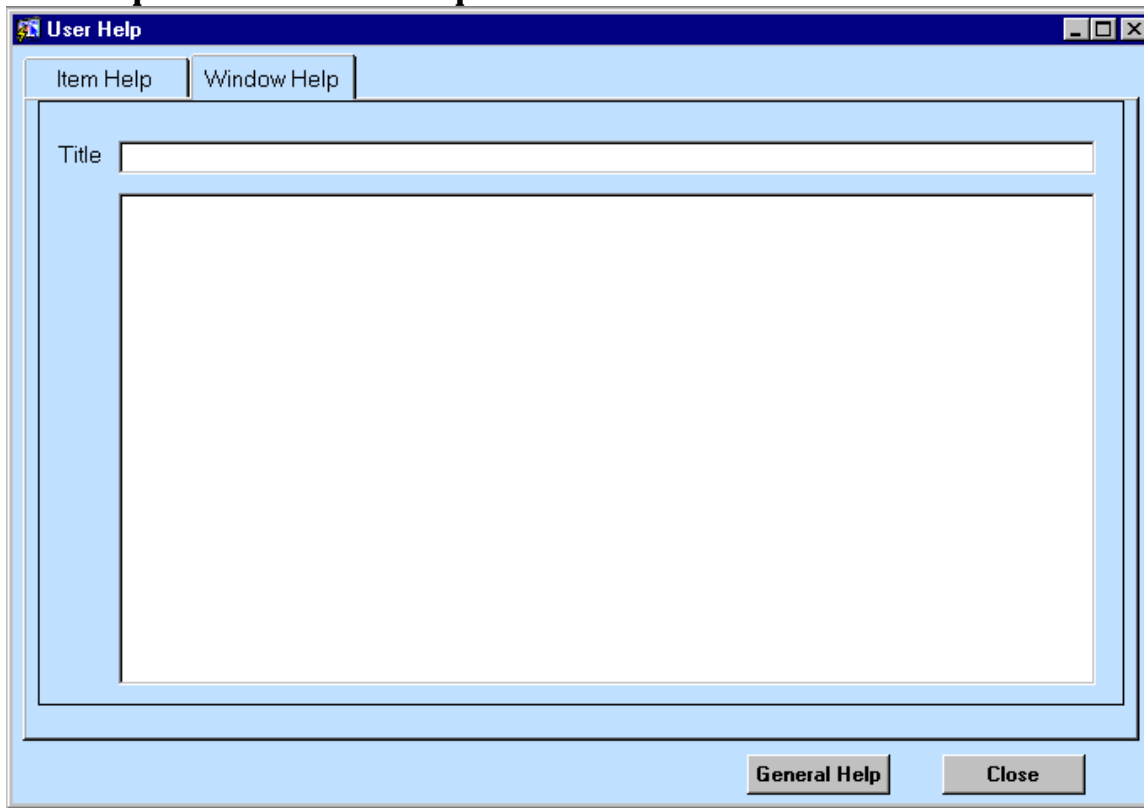


Figure 2.5.1.2-sim2_hlp

Purpose:

Displays window-level help topics for the currently active window.

Called Objects and Processes

Table 2.5.1.4 – SIM2_HLP Called Objects

Button	Called Object
General Help Button	WINHLP32
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.5.1.3 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Window Help (No Prompt)	HLP_USER_HELP		

2.5.2 User Help Documentation (sim2_ahlp)

User Help Documentation Screen – User Help Tab

The screenshot shows a window titled "User Help Documentation". It features a "Title" input field and a "View User Help" button. Below this is a tabbed interface with tabs for "User Help", "Bus. Rules", "Processes", "Security", "Admin", "DBA", and "Developer". The "User Help" tab is active, showing a large empty text area. At the bottom, there is a "Related Help" section with a list of items (Title, Form, Block, Item) and a "General Help" button and a "Close" button.

Figure 2.5.2.1-sim2_ahlp

Purpose:

Allows administrative users to add/update Online User Help.

Called Objects and Processes

Table 2.5.2.1 – SIM2_HLP Called Objects

Button	Called Object
View User Help Button	SIM2_HLP.fmx
General Help Button	WINHLP32
Close Button	Calls Oracle Forms built-in "EXIT_FORM"

Table Usages and Column Details

Table 2.5.2.2 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
User Help (No Prompt)	HLP_USER_HELP		

Table 2.5.2.3 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		

Form	HLP_FORM		
Block	HLP_BLOCK		
Item	HLP_ITEM		

User Help Documentation Screen - Business Rules Tab

No Image

Table Usages and Column Details

Table 2.5.2.4 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Business Rules (No Prompt)	HLP_BUSINESS_RULES		

User Help Documentation Screen - Processes Tab

No Image

Table Usages and Column Details

Table 2.5.2.5 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Processes (No Prompt)	HLP_PROCESSES		

User Help Documentation Screen - Security Tab

No Image

Table Usages and Column Details

Table 2.5.2.6 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Security (No Prompt)	HLP_SECURITY		

User Help Documentation Screen - Admin Tab

No Image

Table Usages and Column Details

Table 2.5.2.7 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Admin (No Prompt)	HLP_ADMIN		

User Help Documentation Screen - DBA Tab

No Image

Table Usages and Column Details

Table 2.5.2.8 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
DBA (No Prompt)	HLP_DBA		

User Help Documentation Screen - Notes Tab

No Image

Table Usages and Column Details

Table 2.5.2.9 - SIM_HELP

Primary Key: HLP_SEQ

Display Item	Base Table Item	FK Table	FK Column
Title	HLP_TITLE		
Notes (No Prompt)	HLP_NOTES		

3 Table and Column Detail

See SIM122_table_desc.doc for table and column detail.

4 Document Key

- For each form, a documentation table displaying information on the "base table" is included. Some forms may have multiple "base tables".
- This document does not display documentation tables for the lookup database tables used in the form. If a lookup table is used, a lookup item will be displayed in the figure along with the foreign key information.
- In a few cases, multiple foreign tables are accessed to retrieve a single value. In such cases, all foreign tables and related foreign key columns will be listed in the documentation table, separated by '&'.
- Where multiple base tables exist, the primary "parent" table will be listed first. Each "child" table will have its first row showing how it relates back to the parent table. As the foreign key is not displayed on the window, the "Display Item" will have a value of "Not Visible".
- All base table "documentation tables" should have the format shown below:

<TABLE_NAME>

Primary Key: <column_name>

Display Item	Base Table Item	FK Table	FK Column
<prompt1 name>	<base table column underlying prompt1>		
<prompt2 name>	<base table column underlying prompt2>		
<prompt3 name>	<base table column underlying prompt3>		
<lookup1 name>	<base table column underlying lookup1>	<foreign_table_name> showing info in lookup1 prompt	<foreign_column_name> showing info in lookup1 prompt

- If an item does not have a prompt but is displayed on the form, the documentation table will list a name for the field with a note of <No Prompt> next to the name.
- If the field uses programmatic functionality to derive its value, the documentation table will reflect the base table item used in the calculation, the "None" as the FK Table, and "Decoded in Form" in the FK Column.