

Product Documentation

# **SIM v2.0 Technical Documentation**

prepared for

Environmental Protection Agency

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# **1 Section 1- Overview**

## **1.1 SIM Overview**

The STORET Interface 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)

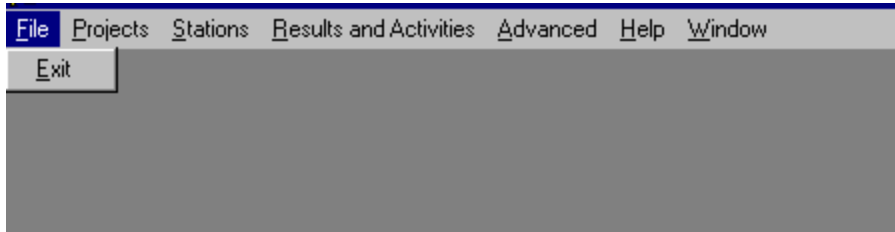


Figure 2.1.1.1-partial

**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".

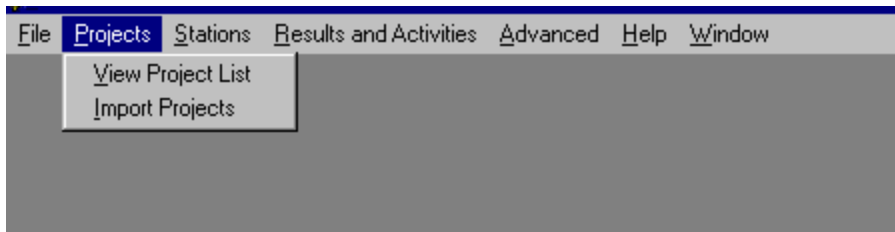


Figure 2.1.1.2-partial

**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

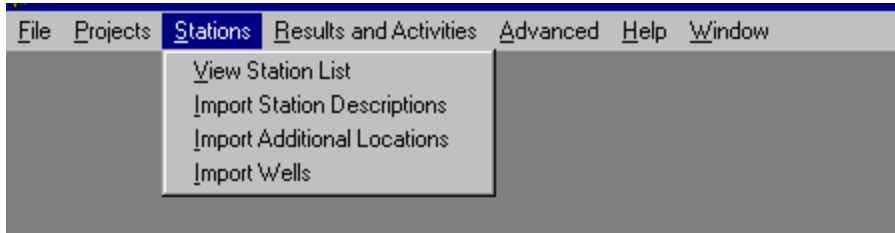


Figure 2.1.1.3-partial

**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

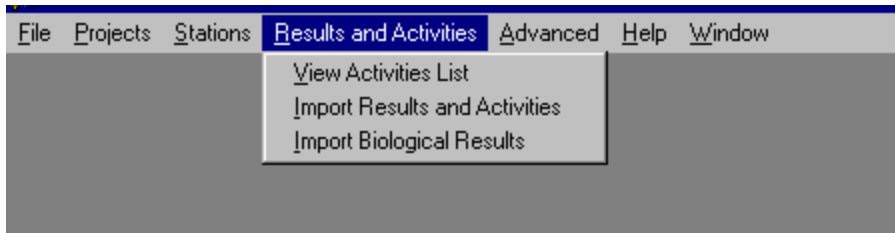


Figure 2.1.1.4-partial

**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

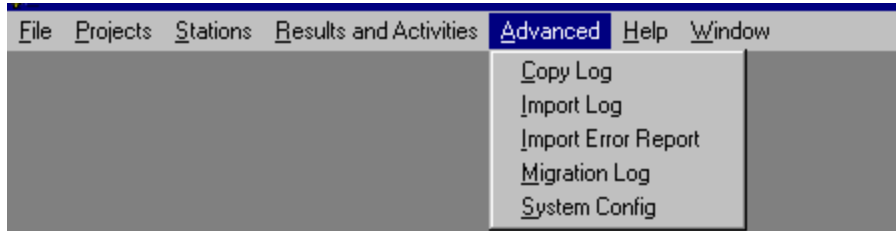


Figure 2.1.1.5-partial

**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

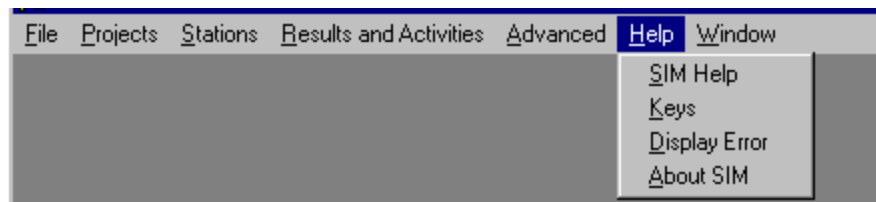


Figure 2.1.1.6-partial

**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

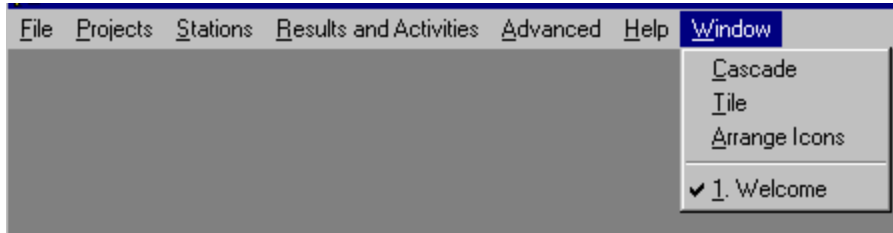


Figure 2.1.1.7-partial

**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)

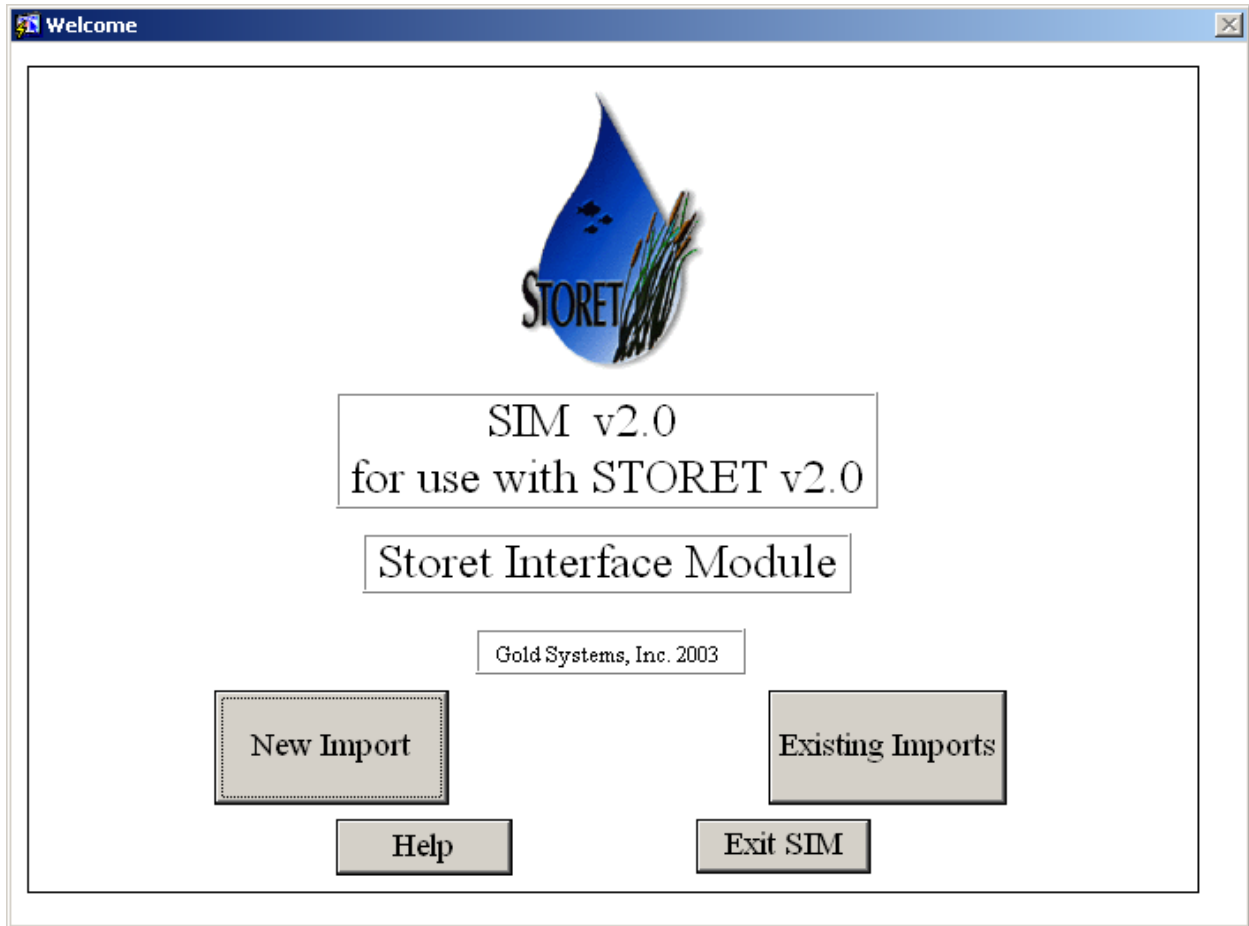


Figure 2.1.2.1-sim2\_welc

**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)

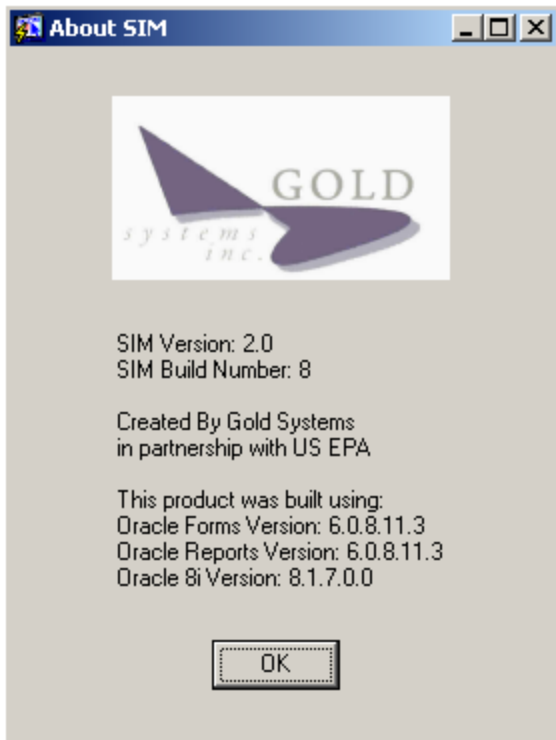


Figure 2.1.3.1-about\_d

**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)

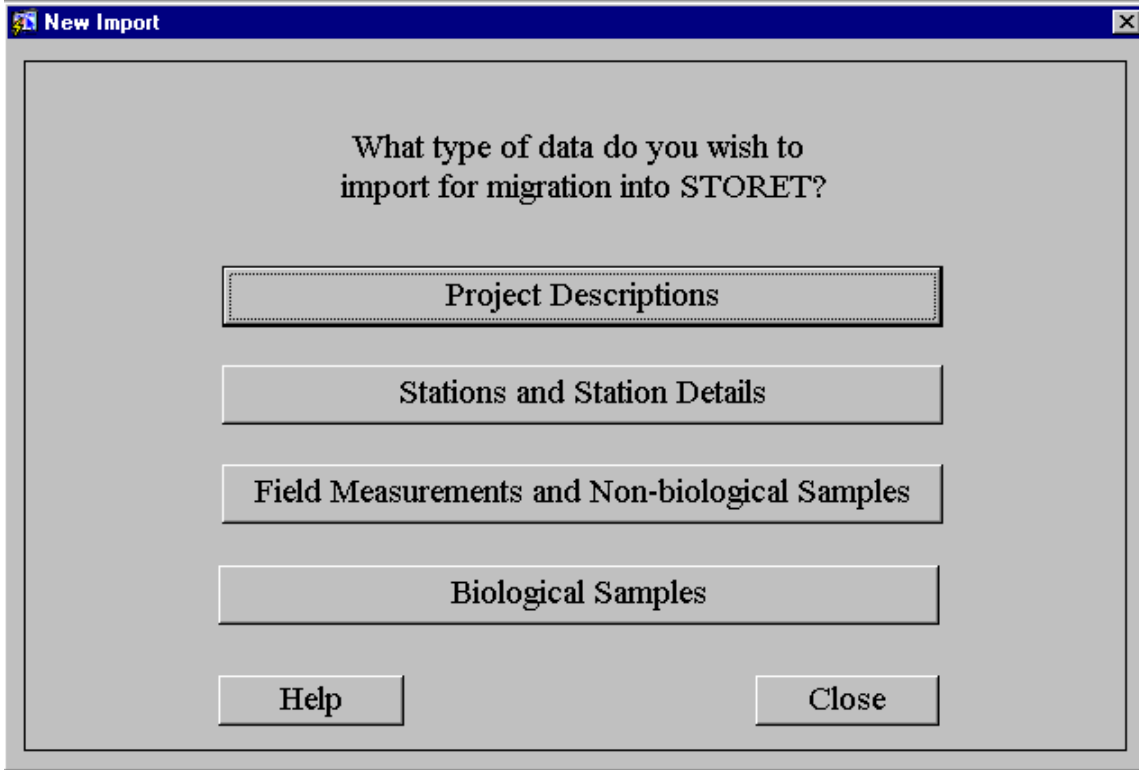


Figure 2.2.1.1-new\_imp

#### **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)

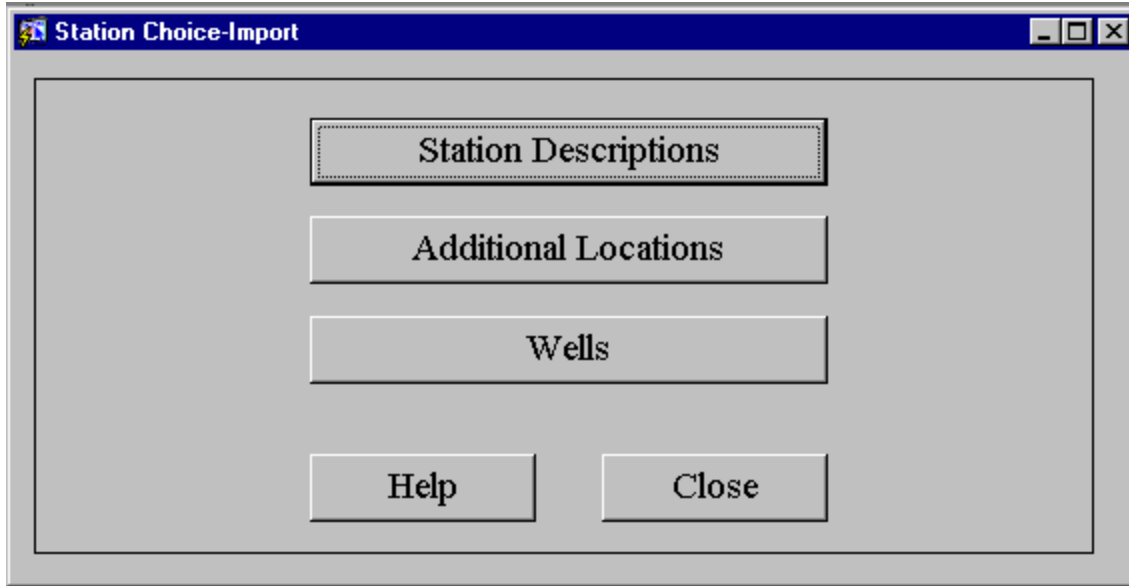


Figure 2.2.2.1-sta\_choice

### **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)

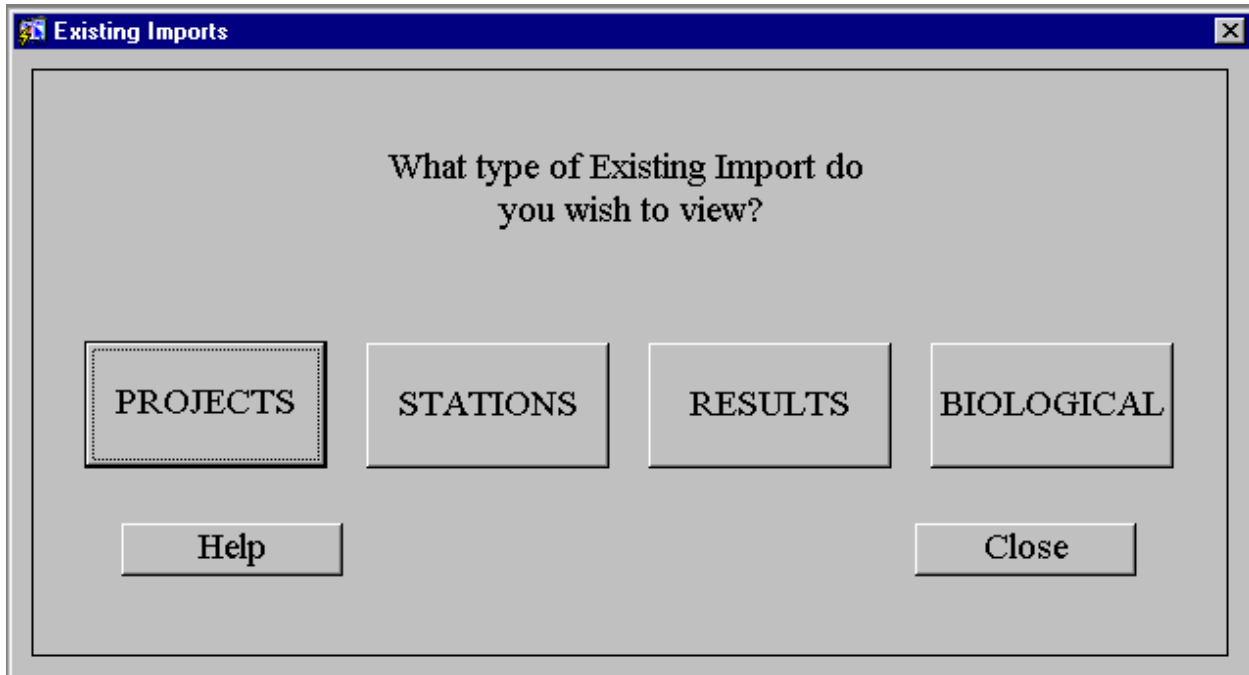


Figure 2.2.3.1-exst\_imp

**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)

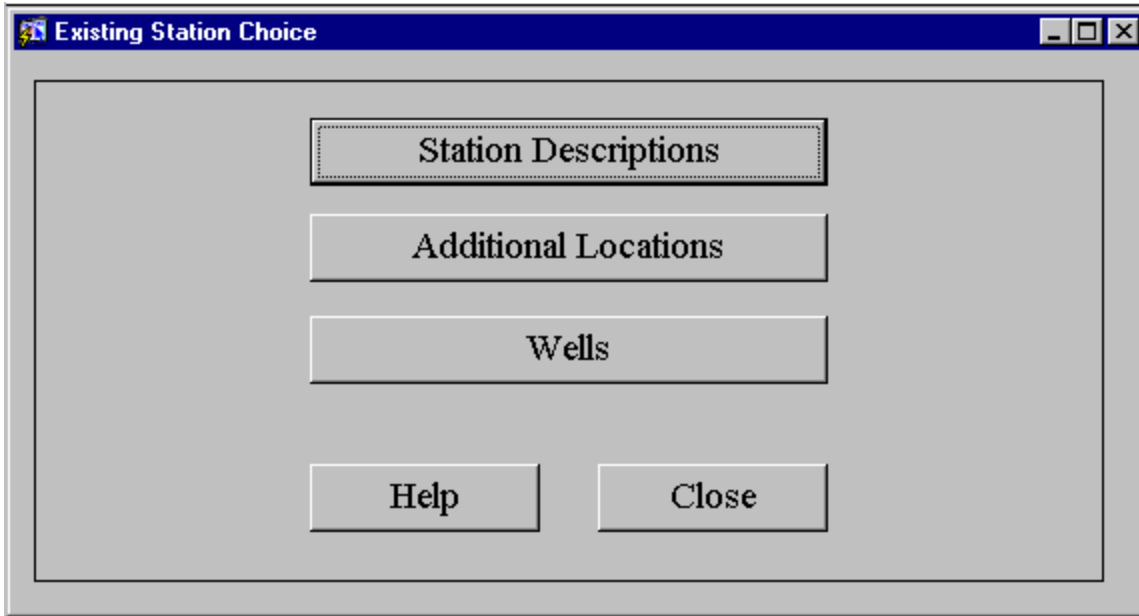


Figure 2.2.4.1-exist\_sta\_choice

### **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 window contains several input fields and buttons. The 'Columns' tab displays a table with the following data:

Column	Pos	Req	Include	Default	Max Len	Fmt	Option	Format
ProjectID	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		8	Freetext		Translation
Name	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		60	Freetext		Translation
StartDate	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		10	Defined Format		Translation
Duration	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		15	Freetext		Translation
Purpose	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		1999	Freetext		Translation
Contact	6	<input type="checkbox"/>	<input type="checkbox"/>		1999	Freetext		Translation
		<input type="checkbox"/>	<input type="checkbox"/>					Translation
		<input type="checkbox"/>	<input type="checkbox"/>					Translation
		<input type="checkbox"/>	<input type="checkbox"/>					Translation
		<input type="checkbox"/>	<input type="checkbox"/>					Translation

Below the table, the 'Import Format' field contains the text: ProjectID|Name|StartDate|Duration|Purpose. An 'Update Format' button is located below this field.

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	TSMORGAN	ORG_ID



	SICC_TSMORGAN_IS_NUMBER		
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

<b>Display Item</b>	<b>Base Table Item</b>	<b>FK Table</b>	<b>FK Column</b>
(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		
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

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: SICI\_SEQ

<b>Display Item</b>	<b>Base Table Item</b>	<b>FK Table</b>	<b>FK Column</b>
(Not Visible)	SICI_SICC_SEQ	SIM_IMP_CFG	SICC_SEQ
Instruction	SICI_SII_SEQ	SIM_IMP_INSTRS	SII_DESC
Format	SICI_SIIC_SEQ	SIM_IMP_INSTR_CHOICES	SIIC_CHOICE

## 2.2.7 Translations (trans2\_d)

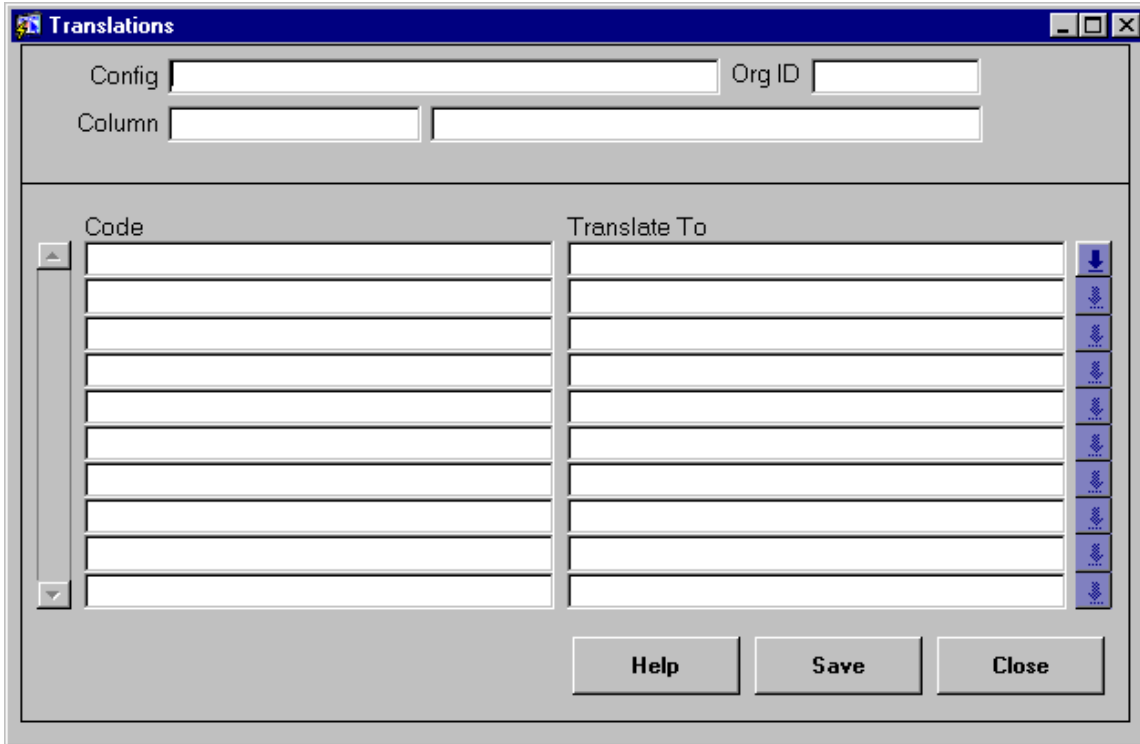


Figure 2.2.7.1-trans2\_d

### 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)

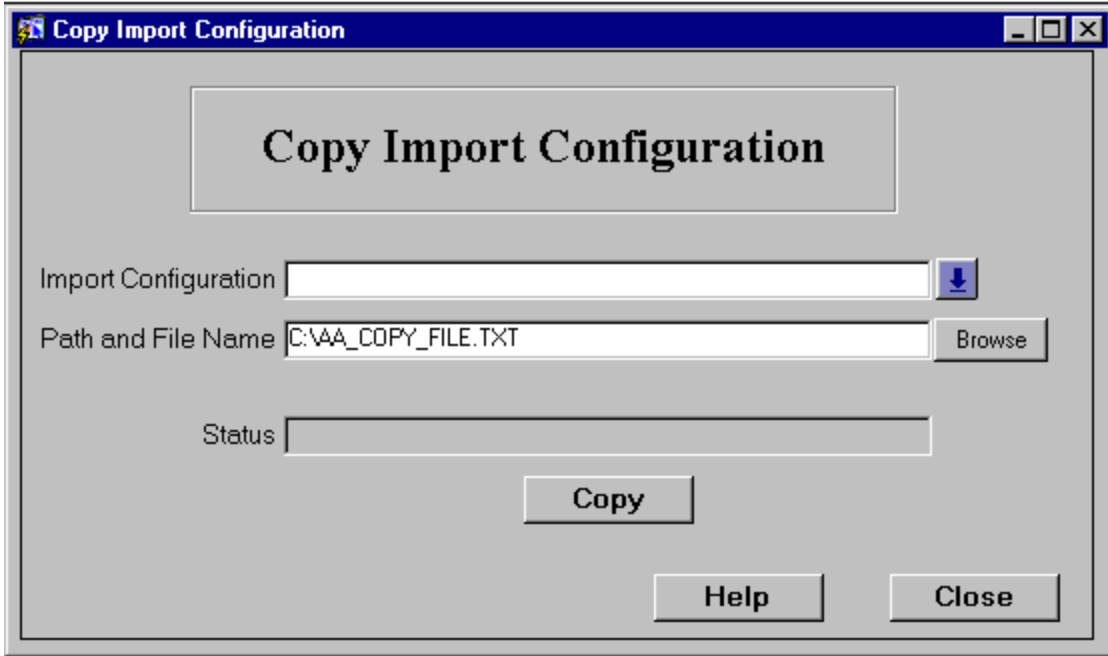


Figure 2.2.8.1-copy\_cfg

### **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)

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)

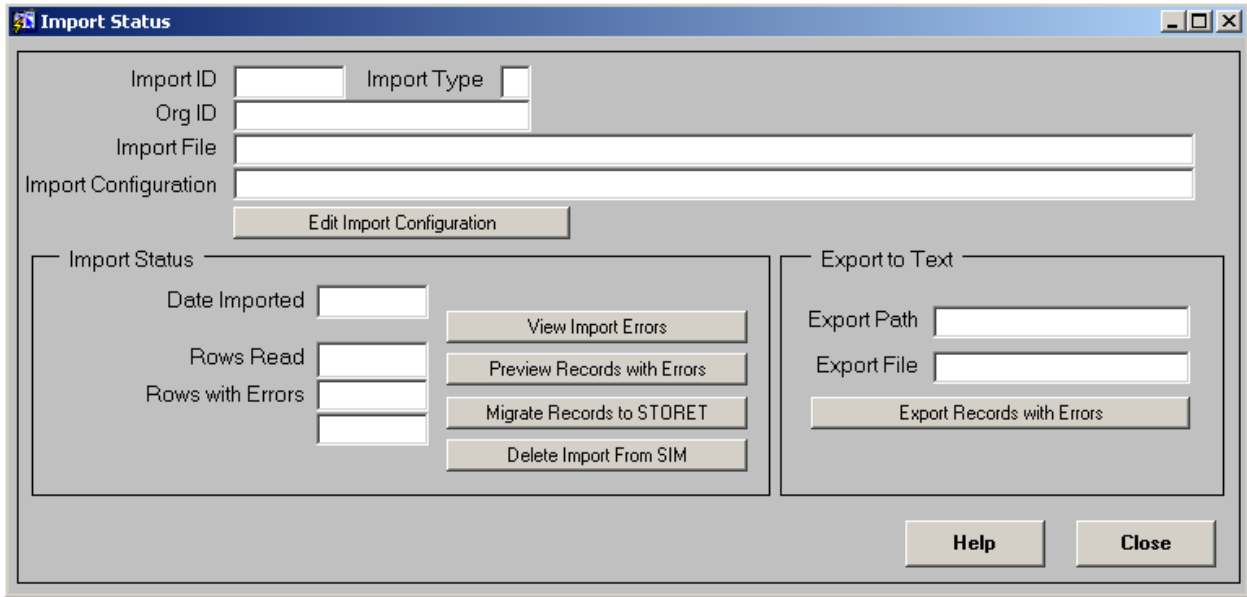


Figure 2.2.10.1-impstat2\_d

### 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.SIM_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)

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		
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## 2.3 Data Review

### 2.3.1 Project List View (proj2\_l)

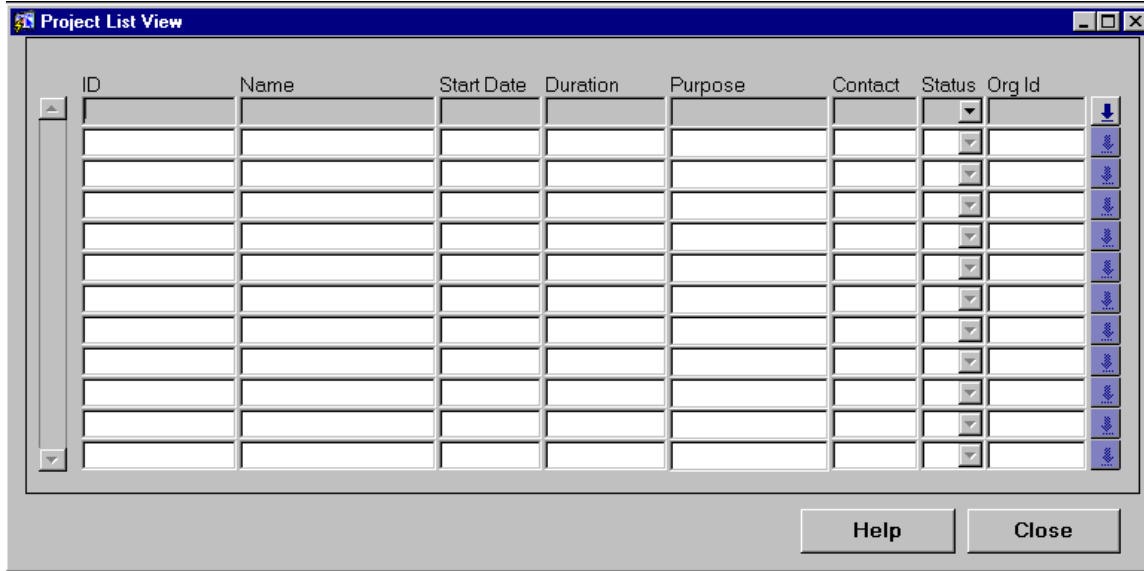


Figure 2.3.1.1-proj2\_l

**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

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		

## Projects Screen – Import Errors Tab

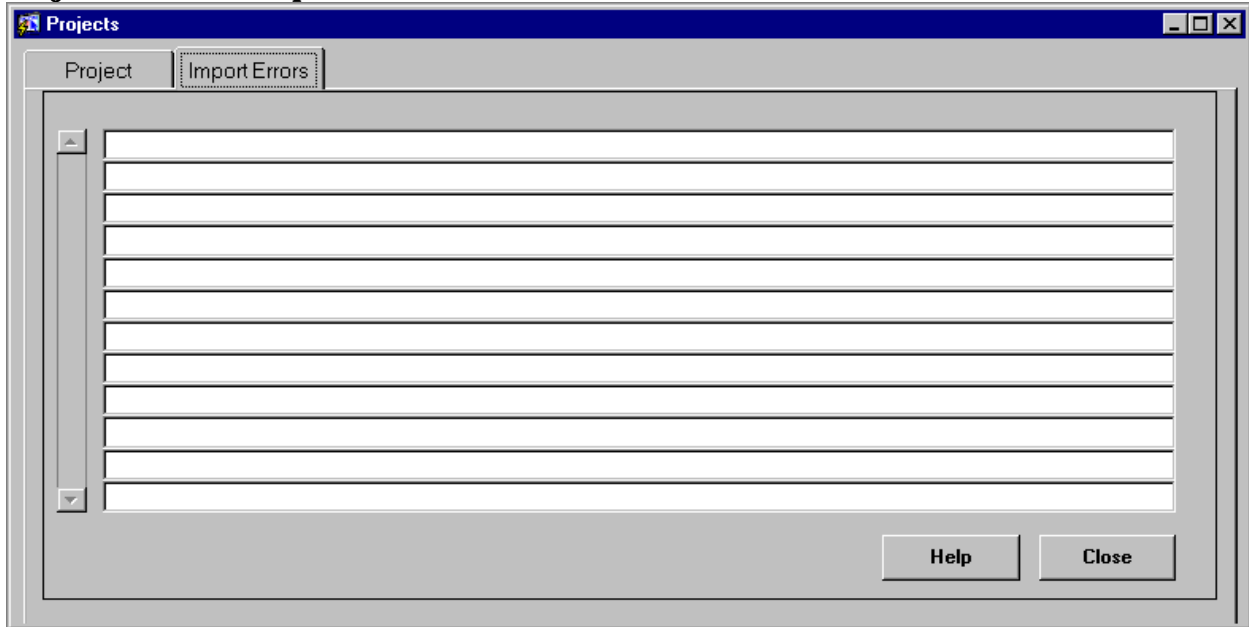


Figure 2.3.2.2-proj2\_d

### 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)

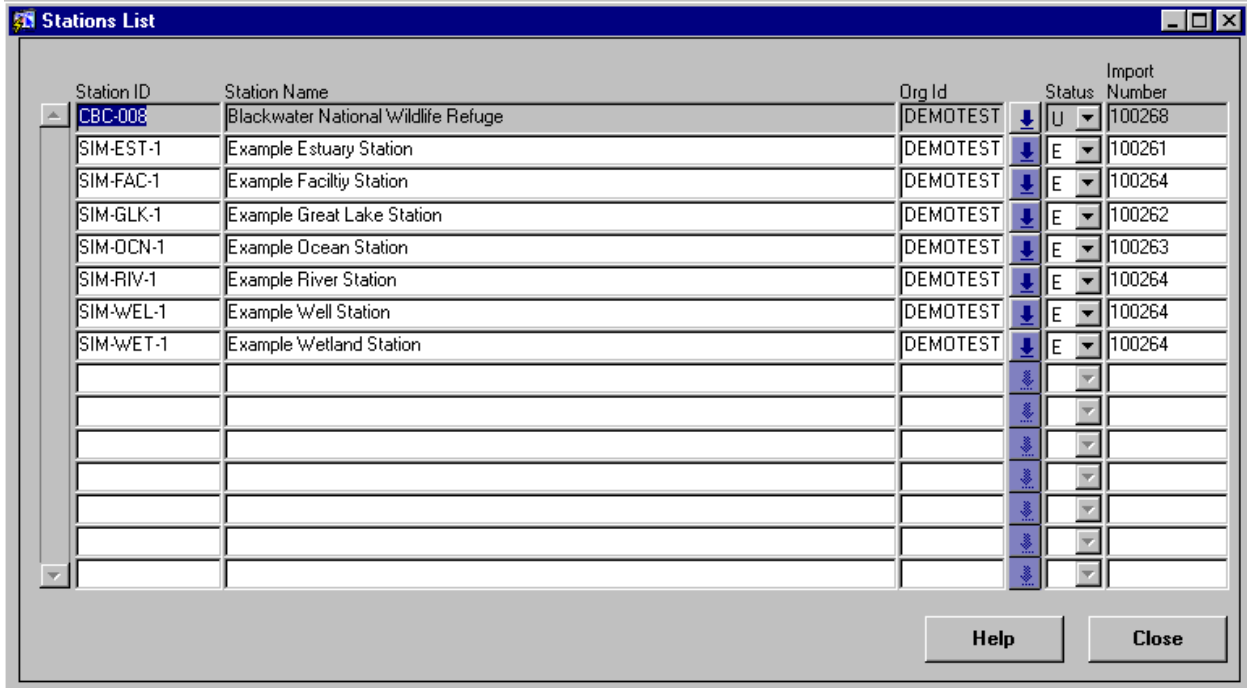


Figure 2.3.3.1-sta2\_l

**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 'Station Detail' window with the following fields and values:

- Station Id: SIM-EST-1
- Station Name: Example Estuary Station
- Primary Type: Estuary
- Secondary Type: None
- Import Status: MIGRATED
- Station Description: Just a fake Estuary Station to demonstrate SIM's station data migration capabilities.
- Establishment Date: [Empty]
- Water Depth: [Empty]
- ZID Relation: [Empty]
- EPA Key Identifier: [Empty]
- Ecoregion Name: [Empty]
- Influence Area: [Empty]
- Travel Directions: [Empty]
- Latitude: Deg 46, Min 12, Sec 0, Dec. Deg. 46.2, Dec. Min 12, Dir N
- Longitude: 123, 24, 0, 123.4, 24, W
- Point Name: [Empty]
- Geopositioning Datum: North American Datum 1983
- Geopositioning Method: GPS Carrier Phase Kinematic Relative Position
- Elevation: [Empty]
- Meas Dt: [Empty]
- Elevation Datum: [Empty]
- Elevation Method: [Empty]
- Hydrologic Unit Code: 17100202
- County: COLUMBIA
- State: OR
- Native American Land: [Empty]
- NRCS: [Empty]

Buttons at the bottom: Wells, Great Lake, Estuary, Ocean, Locations, Import Errors, Help, 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
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)

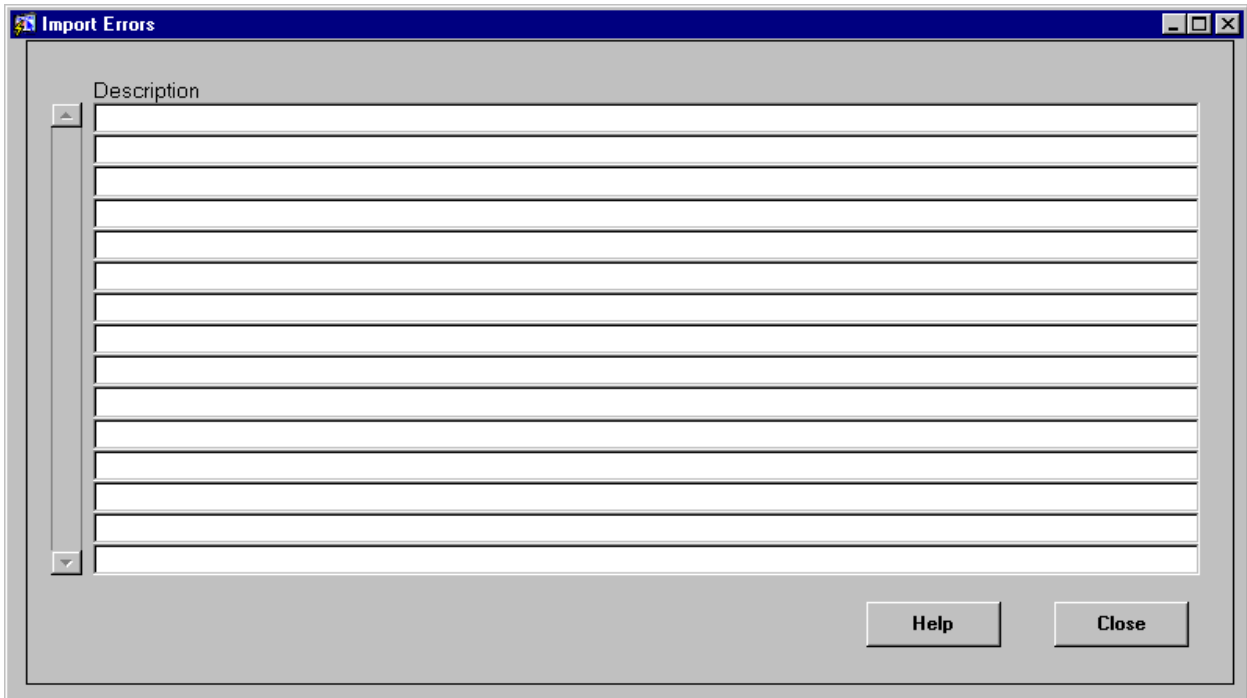


Figure 2.3.5.1-imp\_d\_er

**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		

### 2.3.6 Well Stations (well\_d)

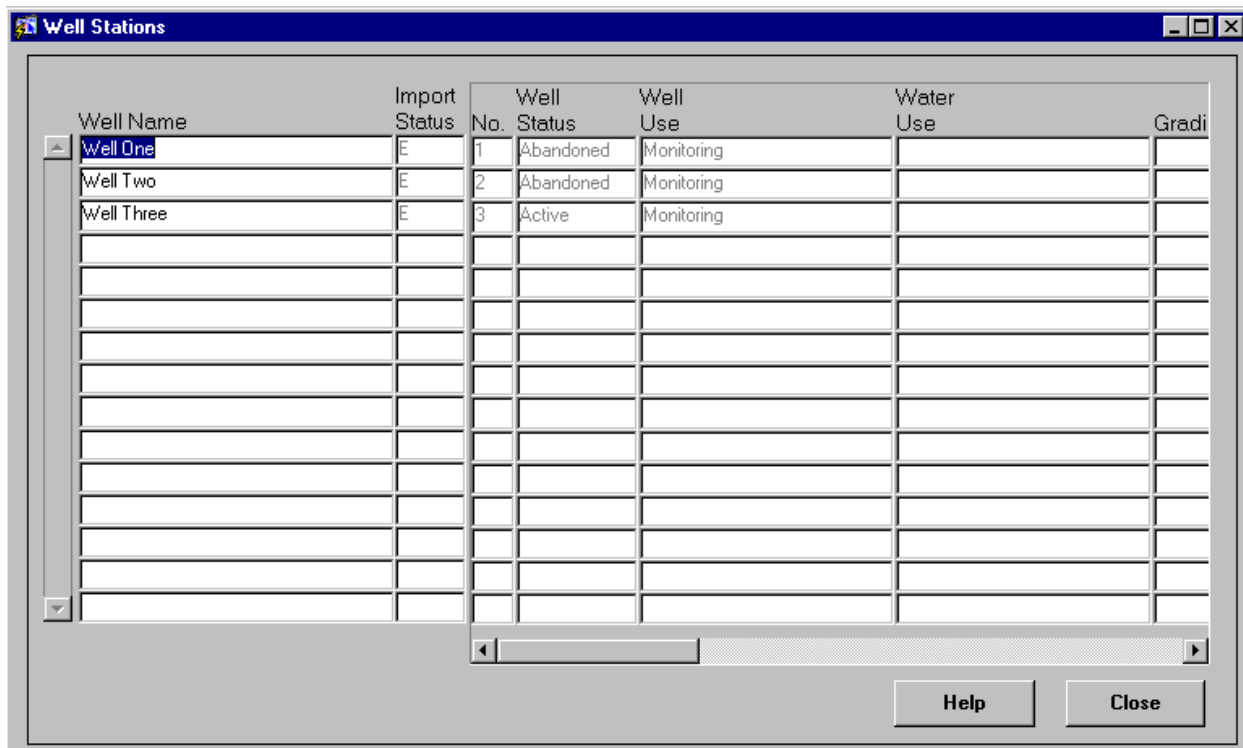


Figure 2.3.6.1-well\_d

#### Purpose:

Lists the well details for the well station selected.

#### Called Objects and Processes

Table 2.3.6.1 – WELL\_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 2.3.6.2 - SIM\_STATION\_WELLS

Primary Key: SSW\_SEQ

Display Item	Base Table Item	FK Table	FK Column
Well Name	SSW_NAME		
Status	SSW_STATUS		
No.	SSW_WELL_NO		
Well Status	SSW_WELL_STATUS		
Well Use	SSW_WELL_USE		
Water Use	SSW_WATER_USE		
Gradient	SSW_GRADIENT_TYPE		
Construction Method	SSW_WELL_CONST METH		
Development Method	SSW_DEVELOP METHOD		
Construction Start	SSW_CONST_START DATE		
Construction End	SSW_CONST_END DATE		
Init Pump Duration	SSW_INIT_PUMP DUR		
Init Pump Duration Unit	SSW_INIT_PUMP DUR UNIT		

(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		

### 2.3.7 Great Lake Station (lake\_d)

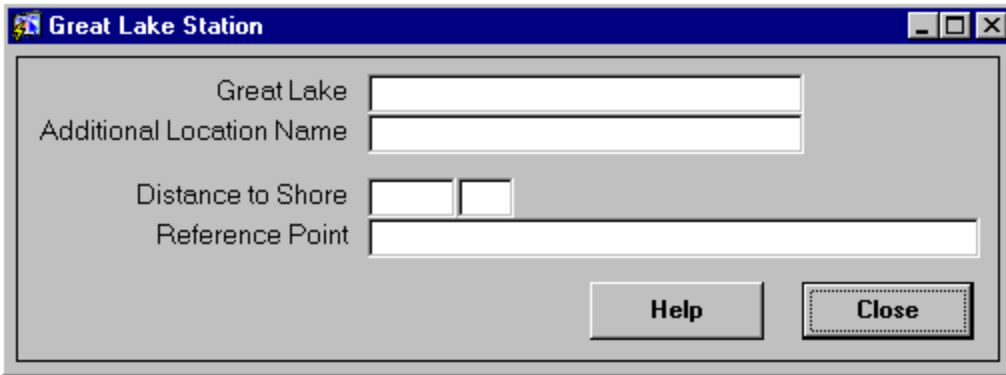


Figure 2.3.7.1-lake\_d

**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)

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		

### 2.3.10 Locations (sta\_loc\_l)

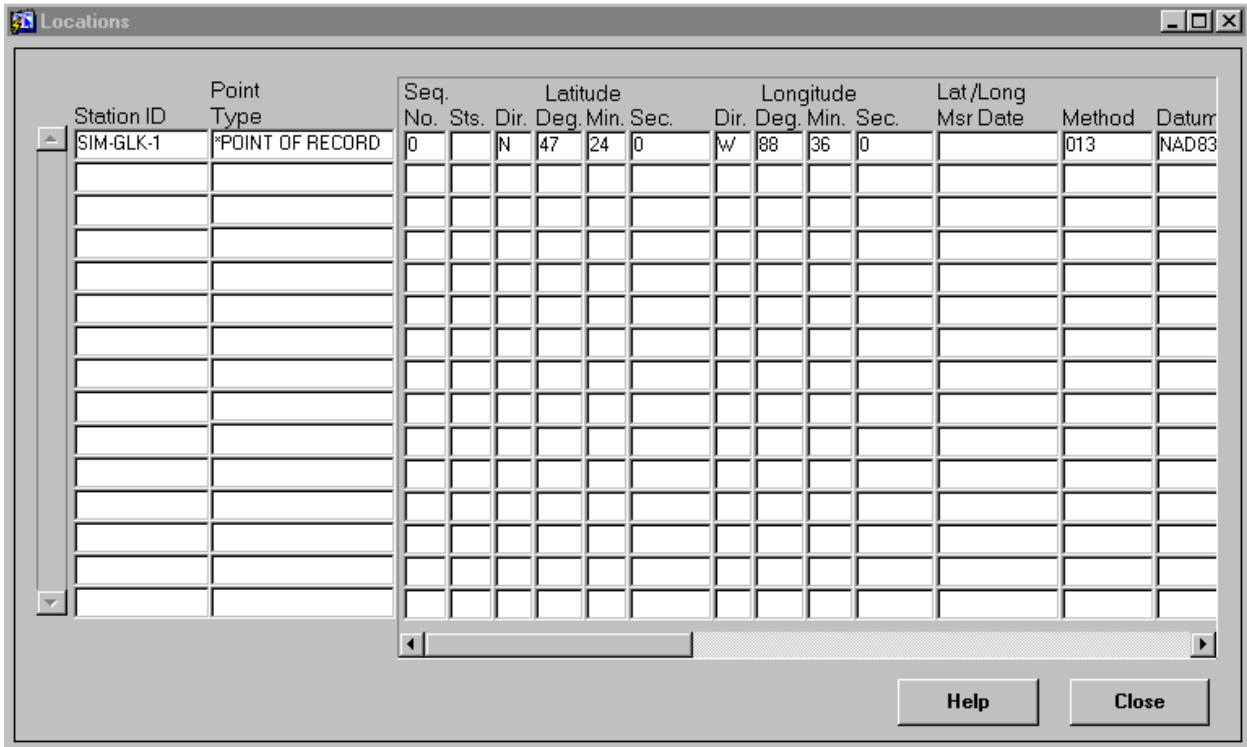


Figure 2.3.10.1-sta\_loc\_l

**Purpose:**  
Lists the location details for the selected station.

### Called Objects and Processes

**Table 2.3.10.1 – STA\_LOC\_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 2.3.10.2 - SIM\_STATION\_LOCATIONS**

Primary Key: STL\_SEQ

Display Item	Base Table Item	FK Table	FK Column
Station ID	STL_STA_SEQ	SIM_STATIONS	STA_ID
Point Type	STL_TYPE_CODE		
Seq. Number	STL_SEQUENCE_NUMBER		
Sts	STL_STATUS		
Latitude Dir	STL_LAT_DIR		
Latitude Degree	STL_LAT_DEGREES		
Latitude Minute	STL_LAT_MINUTES		
Latitude Seconds	STL_LAT_SECONDS		
Longitude Dir	STL_LONG_DIR		
Longitude Degrees	STL_LONG_DEGREES		
Longitude Minutes	STL_LONG_MINUTES		

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



### 2.3.11 Activity List (act2\_l)

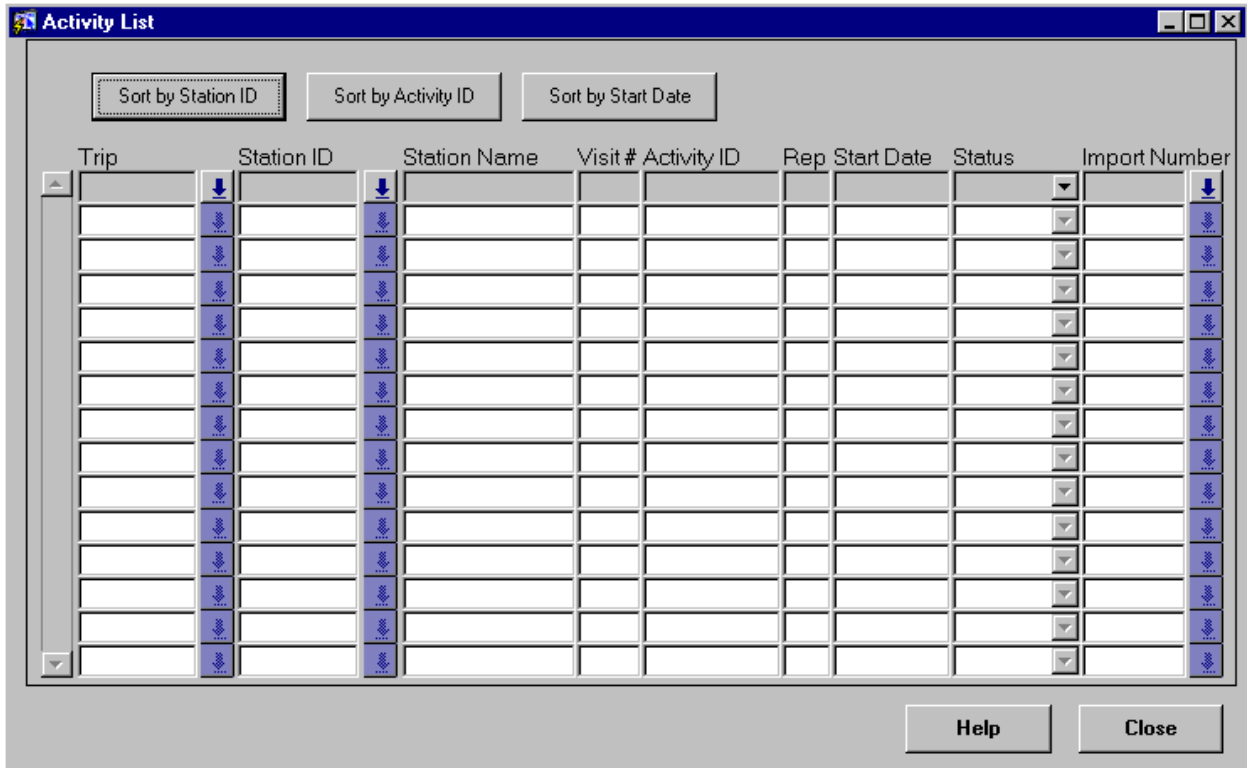


Figure 2.3.11.1-act2\_l

**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		

### 2.3.12 Field Activities Detail (act2\_d)

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
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
Parent ID	FA_PARENT_FA_SEQ	SIM_FIELD_ACTIVITIES	FA_ACTIVITY_ID
Intent	FA_INTENT		
Subject Taxon	FA_TSRCHAR_IS_NUMBER FA_TSRCHAR_ORG_ID	TSRCHAR	DISPLAY_NAME
Species No.	FA_SPECIES_NUMBER		
Bio Part	FA_TSRBIOPT_IS_NUMBER FA_TSRBIOPT_ORG_ID	TSRBIOPT	NAME
Sample Matrix	FA_TSRMATRX_IS_NUMBER FA_TSRMATRX_ORG_ID	TSRMATRX	NAME
Chain of Custody ID	FA_CHAIN_OF_CUSTODY_ID		
Field Activity Comments	FA_ACTIVITY_COMMENTS		
Depth	FA_DEPTH		
Depth Units (No Prompt)	FA_DEPTH_UOM		
Depth Range	FA_UPDEPTH		
to	FA_LOWDEPTH		
Depth Range (No Prompt)	FA_DEPTH_RANGE_UOM		
Halocline	FA_HALO		
Reference Point	FA_DEPTH_REF_POINT		
Pycnocline	FA_PYCNO		
Relative Depth	FA_REL_DEPTH		
Thermocline	FA_THERMO		
Depth Zone	FA_DEPTH_ZONE		
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\_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_TSMPSRNS_IS_NUMBER	TSMPSRNS	FIRST_NAME

	SAP_TSPERSN_ORG_ID		
Last Name (No Prompt)	SAP_TSPERSN_IS_NUMBER SAP_TSPERSN_ORG_ID	TSPERSN	LAST_NAME

**Table 2.3.12.5 - 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		

### 2.3.13 Result List (rslt\_l)

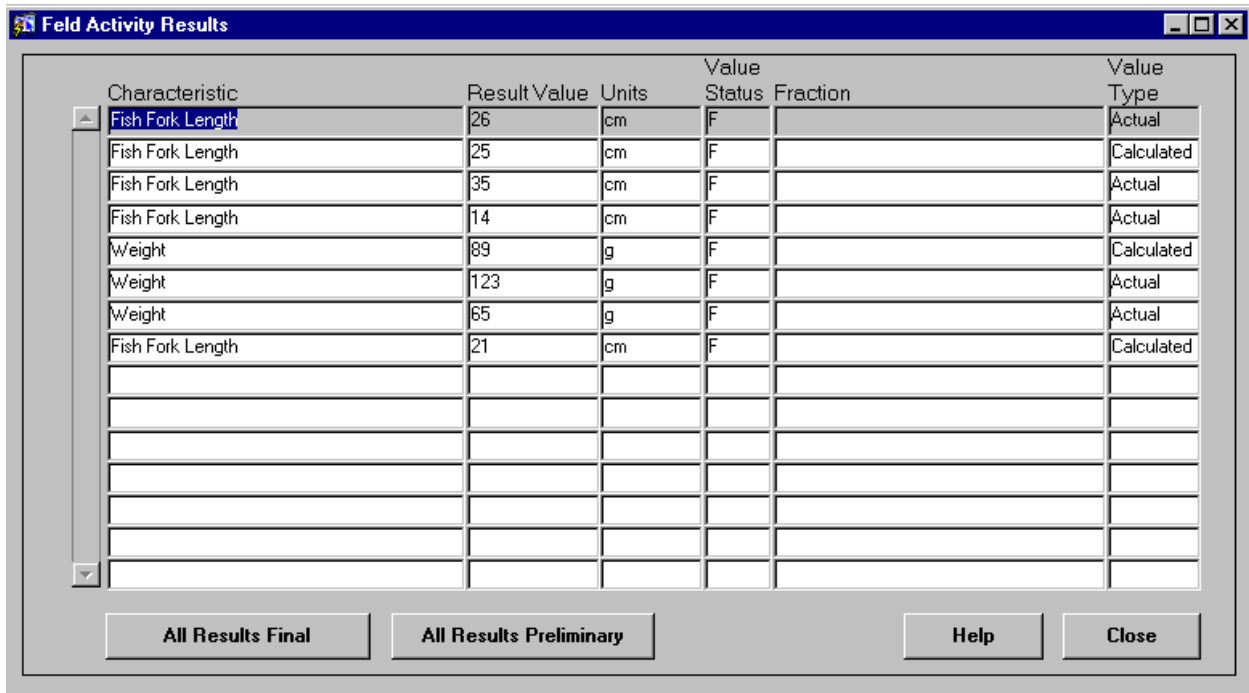


Figure 2.3.13.1-rslt\_l

#### 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		

### 2.3.14 Result Detail (rslt2\_d)

The screenshot shows a window titled "Results Detail" with the following fields and sections:

- Char Group ID**: [Text Box] **Row ID**: [Text Box]
- Characteristic**: [Text Box] **Species Number**: [Text Box]
- Result Value**: [Text Box]
- Sample Fraction**: [Text Box] **Stat Type**: [Text Box]
- Value Type**: [Text Box] **Precision**: [Text Box]
- Duration Basis**: [Text Box] **Conf Level**: [Text Box]
- Temperature Basis**: [Text Box] **Bias**: [Text Box]
- Weight Basis**: [Text Box] **CL corrected for Bias**:
- Comment**: [Text Area]
- Lab Information**:
  - Lab ID**: [Text Box] **Analysis Date**: [Text Box] **Procedure ID**: [Text Box] **Proc Source**: [Text Box]
  - Lab Batch Id**: [Text Box] **Analysis Time**: [Text Box] **Preparation ID**: [Text Box] **Prep Source**: [Text Box]
  - Lab Certified**:  **Time Zone**: [Text Box]
- Lower Quant Limit**: [Text Box] **Upper Quant Limit**: [Text Box]
- Detection Limit**: [Text Box] **Detection Limit UOM**: [Text Box]
- Detection Limit Comment**: [Text Area]
- Buttons**: [Help] [Close]

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 Prompt)	RS_TSRUOM_IS_NBR RS_TSRUOM_ORG_ID	TSRUOM	SHORT_FORM_NAME
Sample Fraction	RS_FRACTION_TSMPRMVL_IS_NUMBER	TSMPRMVL	FIELD_VALUE

	RS_FRACTION_TSMPRMVL_ORG_ID		
Stat Type	RS_STAT_TYPE		
Value Type	RS_VALUE_TYPE		
Precision	RS_PRECISION		
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		
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		



### 2.3.15 Biological Results Group List (brg\_l)

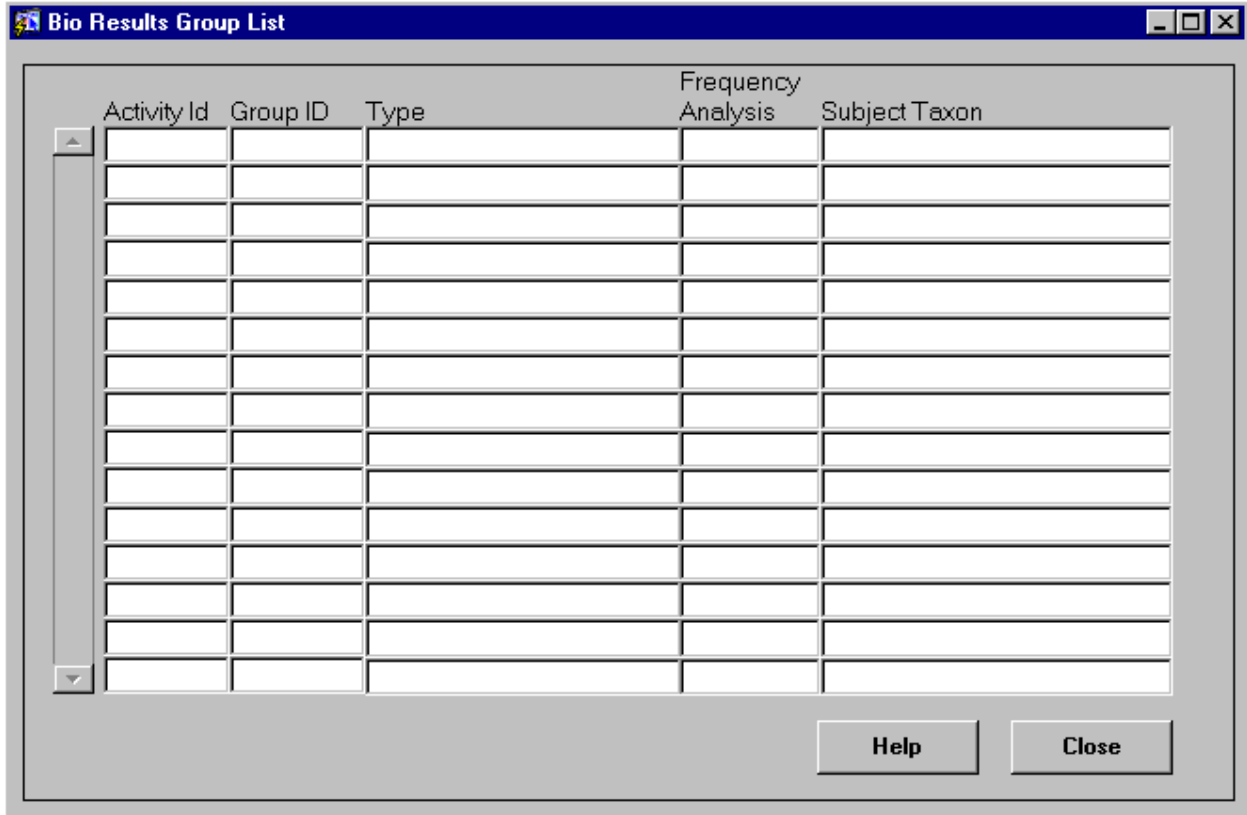


Figure 2.3.15.1-brg\_l

#### 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)

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

<b>Display Item</b>	<b>Base Table Item</b>	<b>FK Table</b>	<b>FK Column</b>
(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_TSMPRMVLOORG_ID	TSMPRMVL	FIELD_VALUE
Voltinism	RS_VOLT_TSMPRMVLIORG_ID RS_VOLT_TSMPRMVLIIS_NUMBER	TSMPRMVL	FIELD_VALUE

### 2.3.17 Frequency Class – Physical Measures (freq\_class\_p)

The screenshot shows a window titled "Single Taxon Frequency Classes - Physical Measures". It contains the following elements:

- Activity ID:
- BRG ID:
- BRG Description:
- Common Class Descriptor:
- Optional Group Descriptors:
  - Sex:
  - Life Stage:
- A table with the following columns: Lower, Upper, Count, Value Status. The table has 12 rows.
- Buttons: 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)

The screenshot shows a window titled "Single Taxon Frequency Classes - Bio Measures". It contains the following fields and controls:

- Activity ID:
- BRG ID:
- BRG Description:
- Primary Class Descriptor:
- Secondary Class Descriptor:
- A table with the following columns: Primary Class Value, Secondary Class Value, Count, Value Status. The table has 12 rows.
- Buttons: 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)

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	TSMAD	DESCRIPTION
Datum	STL_GEOPOS_DATUM	TSMAD	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	TSMAD	DESCRIPTION
Datum	STL_ELEV_DATUM	TSMAD	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)

The screenshot shows a window titled "Sample Collection Details". It contains the following fields and controls:

- Sample Collection Procedure ID:
- Gear ID:
- Config ID:
- Preservation, Transport and Storage ID:
- Gear Deployment Comments:
- Transport and Storage Comments:
- Buttons: 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

<b>Display Item</b>	<b>Base Table Item</b>	<b>FK Table</b>	<b>FK Column</b>
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)

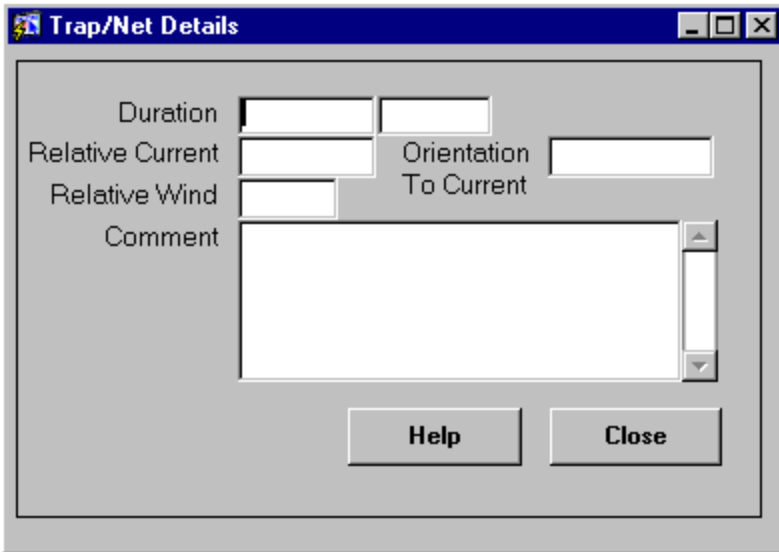


Figure 2.3.22.1-net\_d

**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)

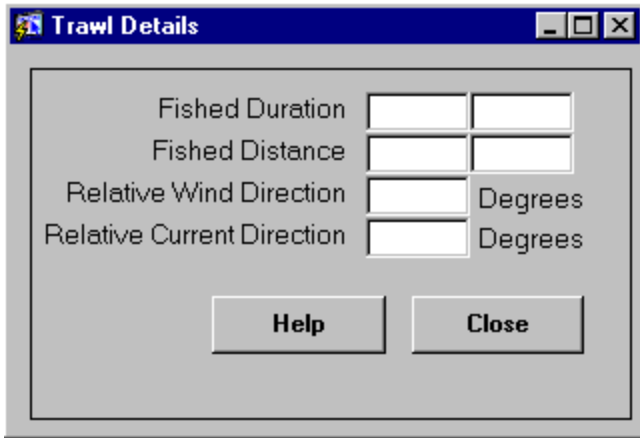


Figure 2.3.23.1-trawl\_d

#### 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		

## 2.4 Advanced

### 2.4.1 SIM Copy/Load Config Log (copylg\_l)

Date	Type	Config Name	Org ID	Error Count
01-02-2003	LOAD	Example - MTPC_STFC	DEMOTEST	0
01-02-2003	LOAD	Example - MTPC_STFC	DEMOTEST	0
01-02-2003	LOAD	Example - Single taxon Individuals	DEMOTEST	0
01-02-2003	LOAD	Example - Single taxon Group Summary	DEMOTEST	0
01-02-2003	LOAD	Example - MTPC_STFC	DEMOTEST	0
01-02-2003	LOAD	Example - Individual Intent	DEMOTEST	0
01-02-2003	LOAD	Example - Created From Sample	DEMOTEST	0
01-02-2003	LOAD	Example - Field Measurements	DEMOTEST	0
01-02-2003	LOAD	Example - Chem Results with Char Names	DEMOTEST	0
01-02-2003	LOAD	Example Wells	DEMOTEST	0
01-02-2003	LOAD	Example Boundary and Sample Locations	DEMOTEST	0
01-02-2003	LOAD	Example - Other Stations	DEMOTEST	0
01-02-2003	LOAD	Example - Ocean Station	DEMOTEST	0
01-02-2003	LOAD	Example - Great Lake Station	DEMOTEST	0
01-02-2003	LOAD	Example - Estuary	DEMOTEST	0

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 2.4.1.2 - SIM\_COPY\_LOG\_DETAILS

Primary Key: SCLD\_SEQ

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



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)

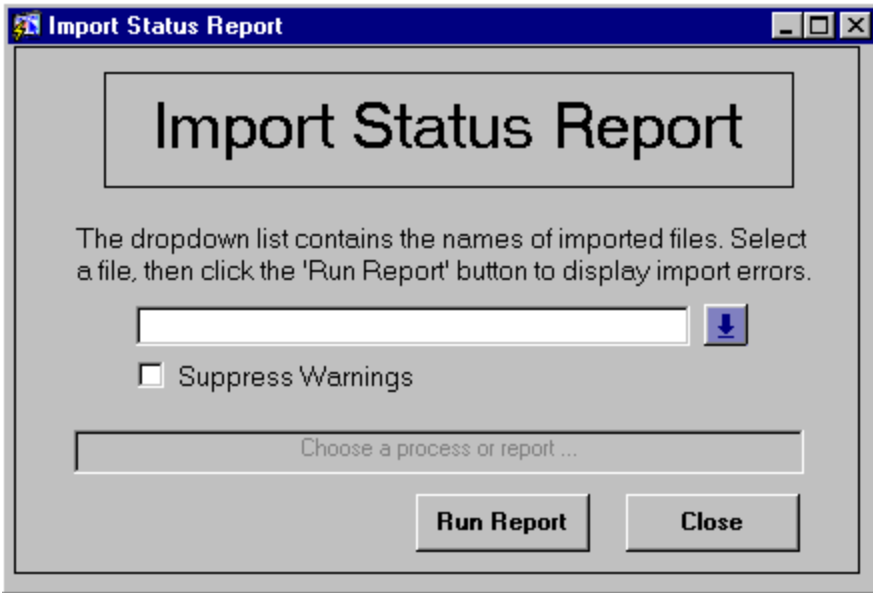


Figure 2.4.4.1-ilog\_p

### 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)

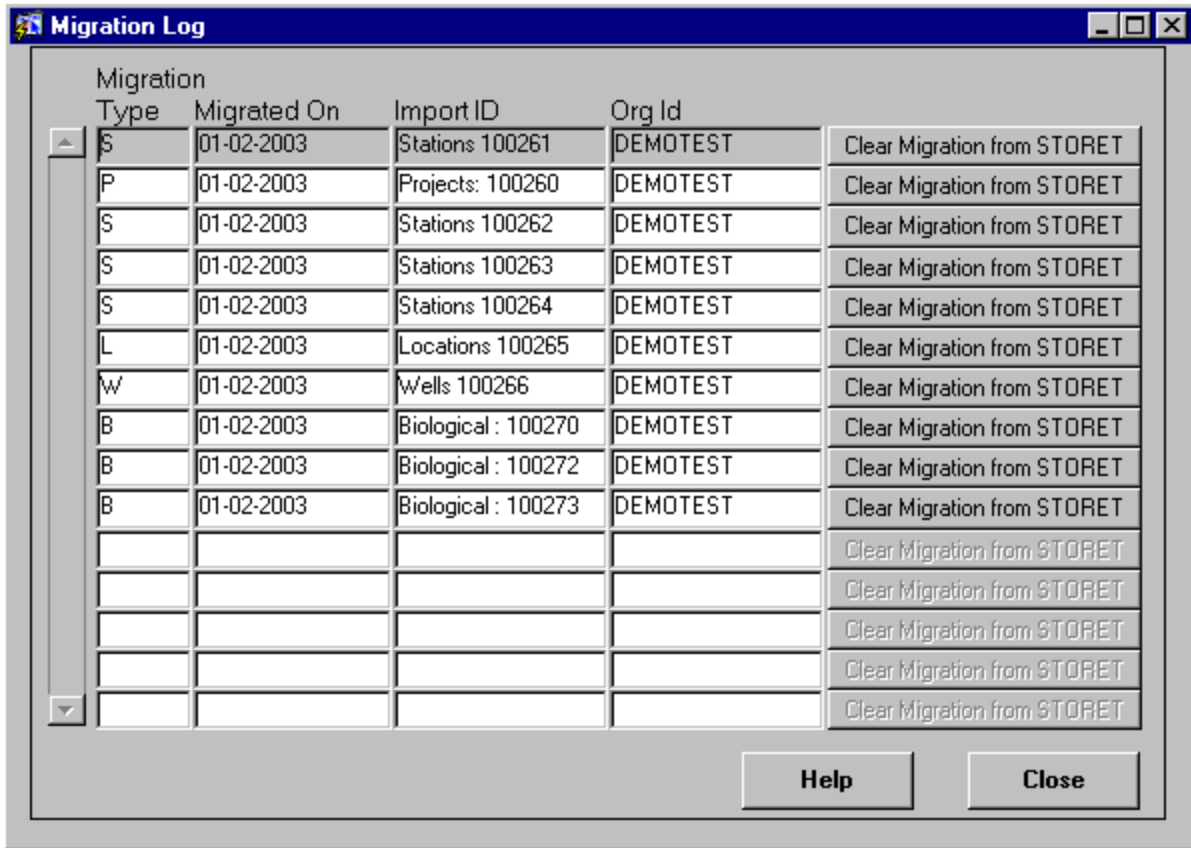


Figure 2.4.5.1-explog2\_l

### 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)

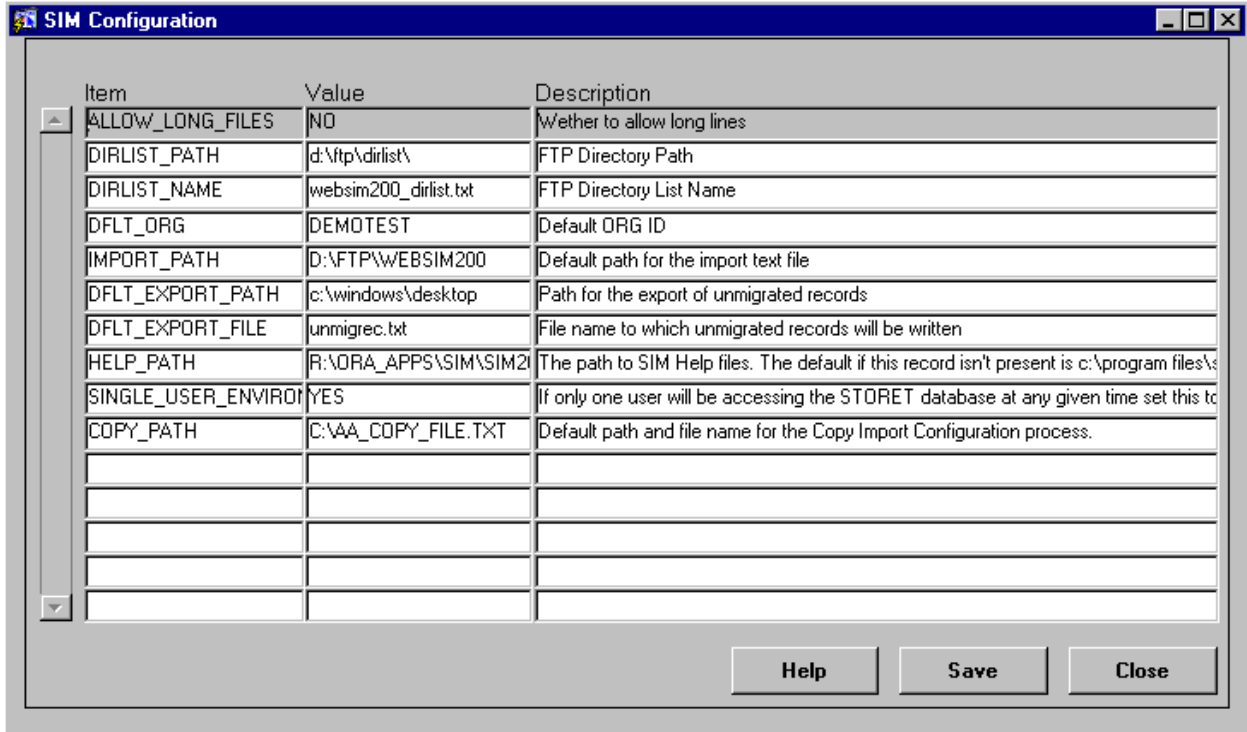


Figure 2.4.7.1-config2\_l

### Purpose:

Lists the system configuration settings for the STORET interface 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

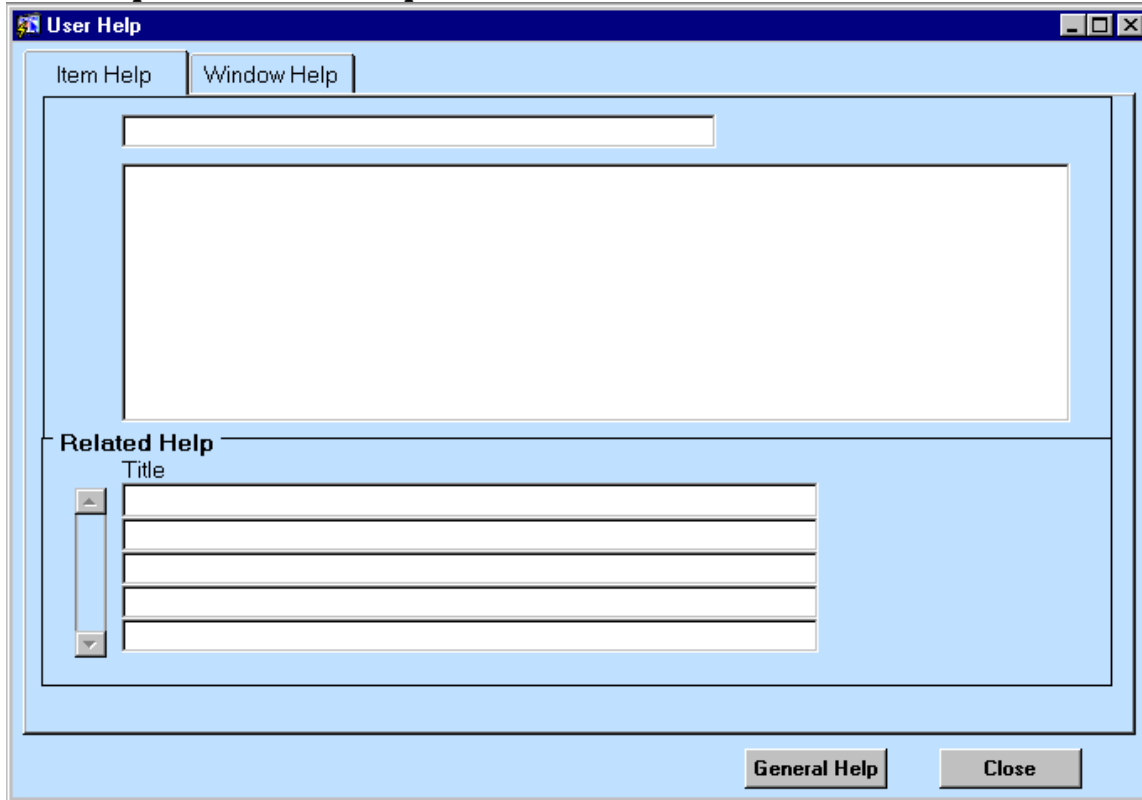


Figure 2.5.1.1-sim2\_hlp

#### 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

<b>Display Item</b>	<b>Base Table Item</b>	<b>FK Table</b>	<b>FK Column</b>
Title	HLP_TITLE		

## User Help Screen – Window Help Tab

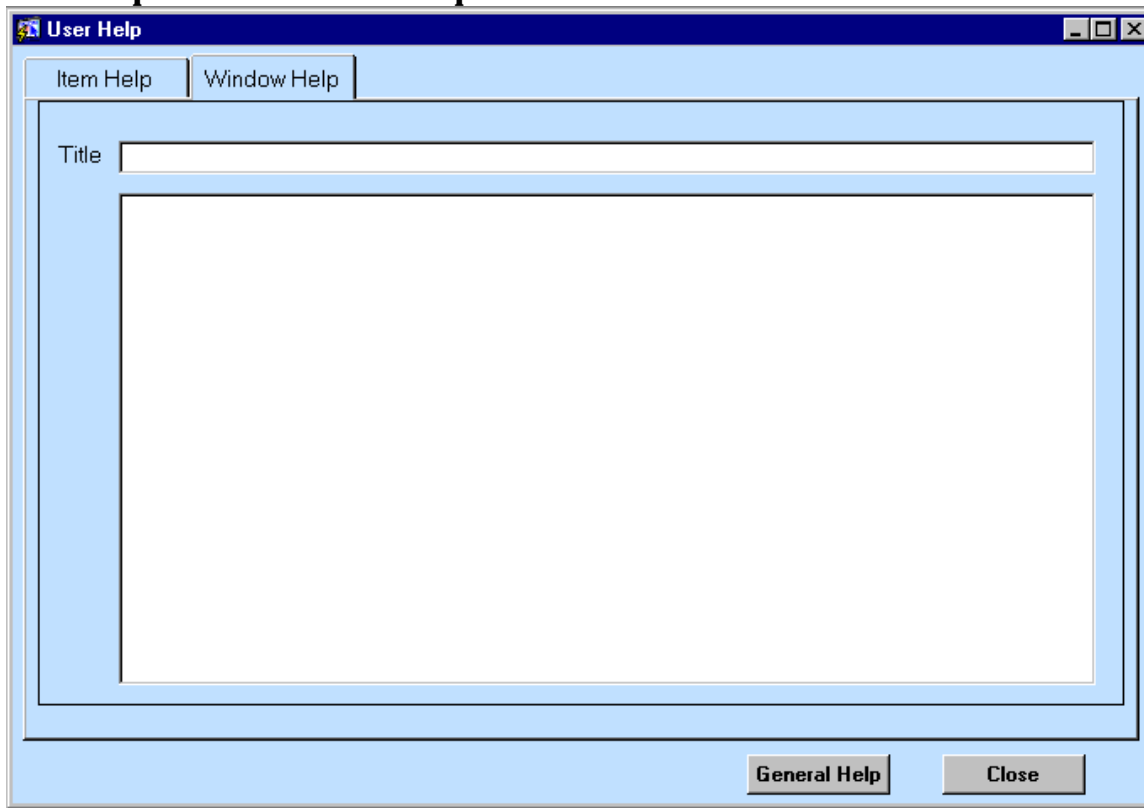


Figure 2.5.1.2-sim2\_hlp

### 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

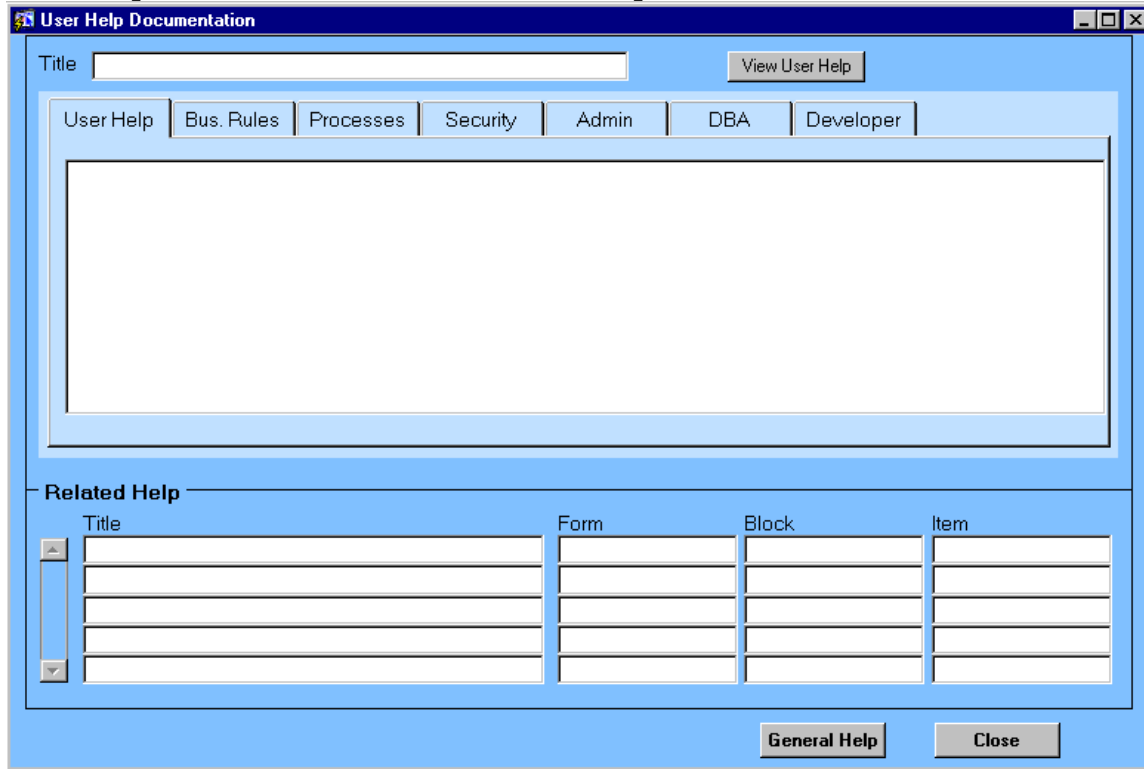


Figure 2.5.2.1-sim2\_ahlp

#### 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.