CHAPTER 1

Setting Up GL Interface Processing

This chapter provides an overview of General Ledger (GL) interface processing setup and discusses how to:

• Load setup data using PeopleSoft Application Messaging.
• Review setup table data for PeopleSoft Financials.
• Link Student Financials business units to PeopleSoft General Ledger units.
• Set up HRMS for Oracle Financials.
• Set up the Ledger Fields table.
• Synchronize Oracle GL Segments.
• Map General Ledger business units to Oracle General Ledger.
• Synchronize ChartField values.
• (Optional) Create ChartField speed type keys.
• (Optional) Activate ChartField validation options.
• Assign charts of accounts.
• Validate ChartFields.
• Set up integration with PeopleSoft Financials and Oracle Financials.
• Copy ChartField information for item types from one term to another.

Understanding GL Interface Processing Setup

This section discusses:

• GL Interface processing using PeopleSoft General Ledger or Oracle General Ledger.
• GL Interface processing using a third-party or legacy general ledger system.

Note. When customers license PeopleSoft Campus Solutions, they receive a limited use license for Human Resources, Benefits Administration, and Payroll for North America.

Feature Pack 2

Student Financials now integrates with Oracle Financials. You should read this whole chapter — while particular changes have been tagged with “Feature Pack 2”, documentation has been updated throughout this chapter.

Read this chapter in conjunction with the Developer Guide, the Completing Student Financials General Setup chapter, and the Using GL Interface Processing chapter.
GL Interface Processing Using PeopleSoft General Ledger or Oracle General Ledger

Most of the setup that is needed to transfer information between the Student Financials application and the PeopleSoft General Ledger or Oracle General Ledger applications is done within General Ledger and then transferred to Student Financials. Throughout the setup process, you should work closely with staff who coordinate the General Ledger application. They will help you define your setup tables and tell you what information is necessary for the GL Interface process.

If the system interacts with PeopleSoft or Oracle Financials, it uses application messaging to share accounting line information with the PeopleSoft or Oracle General Ledger.

GL Messaging

During the GL Messaging process, Student Financials delivers these queues and messages to the PeopleSoft Financials database:

<table>
<thead>
<tr>
<th>Message Queue</th>
<th>Message</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STUDENT_ADMIN_ACCOUNTING</td>
<td>STUDENT_FIN_ACCTG_LINE</td>
<td>Notifies the message broker that new SF_ACCTG_LN records are ready to be retrieved by PeopleSoft Financials and, after journal generation, retrieves the updated SF_ACCTG_LN records into Student Financials.</td>
</tr>
<tr>
<td>HR_SETUP</td>
<td>BUS_UNIT_SF_FULLSYNC</td>
<td>Sends the BUS_UNIT, DESCR, and DESCRSHORT rows in the BUS_UNIT_TBL_SF to PeopleSoft Financials to seed its BUS_UNIT_TBL_SF.</td>
</tr>
<tr>
<td>HR_SETUP</td>
<td>BUS_UNIT_SF_SYNC</td>
<td>Sends new Student Financials business units or updates when the DESCR field or DESCRSHORT field is changed.</td>
</tr>
</tbody>
</table>

Feature Pack 2

Messages delivered to Oracle Financials:

During the GL Messaging process, Student Financials delivers these queues and messages to the Oracle Financials database:

<table>
<thead>
<tr>
<th>Message Queue</th>
<th>Message</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STUDENT_ADMIN_ACCOUNTING</td>
<td>STUDENT_FIN_ACCTG_LINE</td>
<td>Notifies the message broker that new SF_ACCTG_LN records are ready to be retrieved by Oracle Financials.</td>
</tr>
<tr>
<td>SSF_GL_INT</td>
<td>SSF_GL_SEGMENT_FULLSYNC</td>
<td>Fetches all available active ledgers, segments from Oracle GL and inserts the data into PS_SSF_EB_SEGMENTS record.</td>
</tr>
</tbody>
</table>
### Message Queue | Message | Description
--- | --- | ---
SSF_GL_INT | SSF_GL_SEGMENT_VAL_REQ<br>SSF_GL_SEGMENT_VAL_RESP | Full/partial sync of segment values. This inserts/updates the chartfield prompt tables based on mappings from SSF_EB_GLBU_LED.
SSF_GL_INT | SSF_CF_COMBO_RTVLD_REQ<br>SSF_CF_COMBO_RTVLD_RESP | Performs realtime validation of entered chartfield combination against the combinations table in Oracle GL.
SSF_GL_INT | SSF_ACCTG_LINE_TRFM_EBGL | This is a transformation program used by the batch publish utility. This maps and inserts data from SF_ACCTG_LN and AV_ACCTG_LN into the GL_INTERFACE table in Oracle GL.
SSF_GL_INT | SSF_GL_ACCTG_LINE_SYNC | This message receives the non-rowset based message, validates and parses the message, and updates the journal related fields in one of the SF_ACCTG_LN and AV_ACCTG_LN tables.

The PeopleSoft system delivers a default node of PSFT_HR. If you change this default, you must reconfigure the message channel. However, regardless of whether you change the message node, you must configure it by inserting the proper URL.

**Note.** An easy way to determine where messaging starts and ends is to name the publishing node with the name of the database to which it publishes or from which it publishes.

In the PeopleSoft Financials database, message definition, queue, and message node naming must match the naming that is used in the Student Financials database.

PeopleSoft Financials subscribes to the published messages in the Student Financials database, takes the accounting lines into the SF_ACCTG_LN table, and runs those lines through Journal Generator to create journal entries. PeopleSoft Financials then publishes the updated accounting lines, Student Financials subscribes to these lines, and then the data that is published by PeopleSoft Financials updates the Student Financials SF_ACCTG_LN table.

In addition, you must select the Display External ChartField check box on the SF Installation Table.

For information about messaging for Oracle Financials:

See CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.
GL Interface Processing Using a Third-Party or Legacy General Ledger System

Student Financials provides an extra field for you to use to enter chart of accounts data on your item types, course or class fees, and cashiering tenders or targets. You can use the existing PeopleSoft-delivered ChartFields (ACCOUNT, DEPTID, and so on) to enter your chart of accounts information.

Alternatively, Student Financials provides a 50-character field called External GL Chart Field (field name EXT_GL_CHARTFLD) that you can use to enter chart of accounts data. To enable this field, you must signify to the system that you are not using PeopleSoft or Oracle General Ledger. To indicate that you are not using PeopleSoft or Oracle General Ledger, clear the General Ledger check box on the Installation Table page and select Others as the financial system on the SF Installation page. After you clear this check box and complete setup on the SF Installation page, pages that usually display the PeopleSoft-delivered ChartFields for data entry display instead—or, in some instances, also—the External GL ChartField field.

Using the External GL Chart Field does have some limitations. The system does not perform any editing against this field. In addition, the ChartField validation process does not check the contents of the External GL Chart Field to ensure that you have supplied valid chart of accounts information for each item type, course/class fee, and cashiering tender/target.

Even if you are not using PeopleSoft General Ledger, you must populate the GL setup tables (except the ChartField definition tables) before you can use the GL Interface or Cashiering GL Interface processes.

See Also

lsfn, Reviewing Installation Setup and System Defaults

lssf, Completing Student Financials General Setup, Setting Up Installation Parameters and Keywords, Defining Number Sequence Start Points, Maximum Row Settings, and ChartField Edit Options

Loading Setup Data Using PeopleSoft Application Messaging

If your system interacts with PeopleSoft or Oracle Financials, it shares accounting messaging directly through PeopleSoft Application Messaging.

This table lists all PeopleSoft Financials published messages to which Student Financials subscribes in order to load ChartFields:

<table>
<thead>
<tr>
<th>Message Name</th>
<th>Channel</th>
<th>Pub/Sub Node</th>
<th>Records</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUD_REF_CF_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUD_REF_TBL</td>
</tr>
<tr>
<td>BUD_REF_CF_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUD_REF_TBL</td>
</tr>
<tr>
<td>CHARTFIELD1_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD1_TBL</td>
</tr>
<tr>
<td>CHARTFIELD1_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD1_TBL</td>
</tr>
<tr>
<td>Message Name</td>
<td>Channel</td>
<td>Pub/Sub Node</td>
<td>Records</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------</td>
<td>----------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>CHARTFIELD2_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD2_TBL</td>
</tr>
<tr>
<td>CHARTFIELD2_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD2_TBL</td>
</tr>
<tr>
<td>CHARTFIELD3_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD3_TBL</td>
</tr>
<tr>
<td>CHARTFIELD3_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CHARTFIELD3_TBL</td>
</tr>
<tr>
<td>CLASS_CF_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CLASS_CF_TBL</td>
</tr>
<tr>
<td>CLASS_CF_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>CLASS_CF_TBL</td>
</tr>
<tr>
<td>DEPT_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>DEPT_TBL</td>
</tr>
<tr>
<td>DEPT_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>DEPT_TBL</td>
</tr>
<tr>
<td>FUND_LOAD</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>FUND_TBL</td>
</tr>
<tr>
<td>FUND_CF_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>FUND_TBL</td>
</tr>
<tr>
<td>PROGRAM_CF_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PROGRAM_TBL</td>
</tr>
<tr>
<td>OPER_UNIT_CF_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>OPER_UNIT_TBL</td>
</tr>
<tr>
<td>OPER_UNIT_CF_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>OPER_UNIT_TBL</td>
</tr>
<tr>
<td>PRODUCT_CHARTFIELD_FULLSYNC</td>
<td>ENTERPRISE SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PRODUCT_TBL</td>
</tr>
<tr>
<td>PRODUCT_CHARTFIELD_SYNC</td>
<td>ENTERPRISE SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PRODUCT_TBL</td>
</tr>
<tr>
<td>PROGRAM_CF_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PROGRAM_TBL</td>
</tr>
<tr>
<td>HR_ACCT_CD_LOAD</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>ACCT_CD_TBL</td>
</tr>
<tr>
<td>Message Name</td>
<td>Channel</td>
<td>Pub/Sub Node</td>
<td>Records</td>
</tr>
<tr>
<td>------------------------------</td>
<td>--------------</td>
<td>--------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>BUS_UNIT_FS_FULLSYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_FS</td>
</tr>
<tr>
<td>BUS_UNIT_FS_SYNC</td>
<td>ENTERPRISE_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_FS</td>
</tr>
<tr>
<td>ACCOUNT_CHARTFIELD_FULLSYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>GL_ACCOUNT_TBL</td>
</tr>
<tr>
<td>ACCOUNT_CHARTFIELD_SYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>GL_ACCOUNT_TBL</td>
</tr>
<tr>
<td>LEDGER_DEFN_FULLSYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>LED_DEFN_TBL</td>
</tr>
<tr>
<td>LEDGER_DEFN_SYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>LED_DEFN_TBL</td>
</tr>
<tr>
<td>BUS_UNIT_GL_FULLSYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_GL</td>
</tr>
<tr>
<td>BUS_UNIT_GL_SYNC</td>
<td>GL_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_GL</td>
</tr>
<tr>
<td>BUS_UNIT_SF_FULLSYNC</td>
<td>HR_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_SF</td>
</tr>
<tr>
<td>BUS_UNIT_SF_SYNC</td>
<td>HR_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>BUS_UNIT_TBL_SF</td>
</tr>
<tr>
<td>JOURNAL_GEN_APPL_ID_FULLSYNC</td>
<td>JOURNAL_GENERATOR</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>JRNLGEN_APPL_ID</td>
</tr>
<tr>
<td>JOURNAL_GENERATOR_APPL_ID_SYNC</td>
<td>JOURNAL_GENERATOR</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>JRNLGEN_APPL_ID</td>
</tr>
<tr>
<td>PROJECT_FULLSYNC</td>
<td>PROJECTS_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PROJECT</td>
</tr>
<tr>
<td>PROJECT_SYNC</td>
<td>PROJECTS_SETUP</td>
<td>PSFT_EP (FIN)/PSFT_HR (CS)</td>
<td>PROJECT</td>
</tr>
</tbody>
</table>

This table lists the messages that are required to integrate with Oracle Financials:

**Feature Pack 2**

**Messages required to integrate with Oracle Financials:**
<table>
<thead>
<tr>
<th>Message Name</th>
<th>Channel</th>
<th>Pub/Sub Node</th>
<th>Records/Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSF_GL_SEGMENT_FULLSYNC</td>
<td>SSF_GL_INT</td>
<td><del>ANY</del>/PSFT_HR (CS)</td>
<td>SSF_EB_SEGMENTSWSSS</td>
</tr>
<tr>
<td>SSF_GL_SEGMENT_VAL_REQ</td>
<td>SSF_GL_INT</td>
<td>PSFT_HR (CS) /WSDL_NODE</td>
<td>Request message for Chartfield values synchronization.</td>
</tr>
<tr>
<td>SSF_GL_SEGMENT_VAL_RESP</td>
<td>SSF_GL_INT</td>
<td><del>ANY</del>/PSFT_HR (CS)</td>
<td>GL_ACCOUNT_TBL, DEPT_TBL, PRODUCT_TBL, FUND_TBL, PROGRAM_TBL, CLASS_CF_TBL,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OPER_UNIT_TBL, ALTACCT_TBL, BUD_REF_TBL, CHARTFIELD1_TBL, CHARTFIELD2_TBL,</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CHARTFIELD3_TBL</td>
</tr>
<tr>
<td>SSF_CF_COMBO_RTVLD_REQ</td>
<td>SSF_GL_INT</td>
<td>PSFT_HR (CS) /WSDL_NODE</td>
<td>Transformation message for real time Chartfield combination validation request.</td>
</tr>
<tr>
<td>SSF_CF_COMBO_RTVLD_RESP</td>
<td>SSF_GL_INT</td>
<td><del>ANY</del>/PSFT_HR (CS)</td>
<td>Transformation message for real time Chartfield combination validation response.</td>
</tr>
<tr>
<td>SSF_ACCTG_LINE_TRFM_EBGL</td>
<td>SSF_GL_INT</td>
<td>PSFT_HR (CS) /WSDL_NODE</td>
<td>Transformation message for Batch Publish.</td>
</tr>
<tr>
<td>SSF_GL_ACCTG_LINE_SYNC</td>
<td>SSF_GL_INT</td>
<td><del>ANY</del>/PSFT_HR (CS)</td>
<td>SF_ACCTG_LN, AV_ACCTG_LN</td>
</tr>
</tbody>
</table>

**See Also**

*PeopleSoft Enterprise General Ledger PeopleBook, “Integrating and Transferring Information Among Applications,” and “Integrating PeopleSoft General Ledger with PeopleSoft Applications”*

*Enterprise PeopleTools 8.45 PeopleBook: PeopleSoft Integration Broker*

CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.
Reviewing Setup Table Data for PeopleSoft Financials

This section provides an overview of setup table data and lists the pages used to review setup table data.

Note. This section applies to integration with PeopleSoft Financials only.

Understanding Table Setup Data

After you load all of the setup tables that support the GL Interface, you can use a variety of components to review the setup data for accuracy.

The PeopleSoft Student Financials application recognizes three types of business units: the SF (student financials) business unit, the AP (accounts payable) business unit, and the GL (general ledger) business unit. You define GL business units in PeopleSoft General Ledger and load them through an integration point. The Business Unit GL component enables you to review the GL business unit definition.

You define the journal generator templates in PeopleSoft General Ledger and load them through an integration point. The Journal Generator templates define the valid template IDs that the GL Interface process assigns to each accounting entry that it creates. Each accounting entry must have a valid journal generator template ID for it to be properly recorded in PeopleSoft General Ledger.

Note. Most of the fields on the Journal Generator Template - Defaults and Journal Generator Template - Summarization pages are used only by the PeopleSoft General Ledger system during journal generation processing.
### Pages Used to Review Setup Table Data

<table>
<thead>
<tr>
<th>Page Name</th>
<th>Definition Name</th>
<th>Navigation</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Unit GL -</td>
<td>BUS_UNIT_TBL_GL1</td>
<td>Set Up HRMS, Product Related, Payroll for North America, GL Interface, Review GL Business Units, Definition</td>
<td>View attributes assigned to your GL business unit.</td>
</tr>
<tr>
<td>Definition</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Journal Generator Templates - Defaults</td>
<td>JRNL_GEN_DEFAULTS</td>
<td>Set Up HRMS, Product Related, Payroll for North America, GL Interface, Review Journal Generator Tmpl, Defaults</td>
<td>View the journal generator template ID that is used by the GL Interface process. Other fields on this page are used only in PeopleSoft General Ledger by the journal generator process.</td>
</tr>
<tr>
<td>Detail Calendar</td>
<td>DETAILCALENDAR1</td>
<td>Set Up HRMS, Product Related, Payroll for North America, GL Interface, Review Detail Calendar</td>
<td>View fiscal years and accounting periods from PeopleSoft General Ledger.</td>
</tr>
</tbody>
</table>

### Linking Student Financials Business Units to PeopleSoft General Ledger Units

This section applies to integration with PeopleSoft Financials only.

After reviewing your PeopleSoft general ledger setup data, you must associate each Student Financials business unit to a PeopleSoft General Ledger unit using the General Ledger Unit field on the General 1 page.

**See Also**

Issf, Completing Student Financials General Setup, Setting Up Business Units, Defining Basic Business Unit Parameters

### Setting Up HRMS for Oracle Financials

**Feature Pack 2:**
For integration with Oracle Financials, the General Ledger check box must be cleared on the HRMS Installation Table (Setup HRMS, Install, Installation Table).

Use the Business Unit GL - Definition page (Set Up HRMS, Product Related, Payroll for North America, GL Interface, Review GL Business Units, Definition) to create and maintain GL business units. These business units are mapped to Oracle Ledger, Operating Unit, and Legal Entity using the Chartfields Mapping page—more information about this page is provided later in the chapter.

For more information, refer to the User Task Flow diagram in the Using GL Interface Processing chapter.

See Also

PeopleSoft Enterprise Student Financials 9.0 PeopleBooks, Using GL Interface Processing, Understanding GL Interface Processing

PeopleSoft Enterprise Student Financials 9.0 PeopleBooks, Completing Student Financials General Setup, Defining Number Sequence Start Points, Maximum Row Settings, and ChartField Edit Options

PeopleSoft Enterprise Student Financials 9.0 PeopleBooks, Setting Up GL Interface, Mapping General Ledger Business Units to Oracle General Ledger

CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.

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Setting Up the Ledger Fields Table

To set up the ledger fields table, use the Ledger Fields Table component (SF_LED_FLDS_TBL).

This section provides an overview of setting up the ledger fields table and discusses how to define ledger fields.

Feature Pack 2

The Ledger Fields Table page is not used for integration with Oracle Financials. Refer to the following note:

Note. This page is not used for integration with Oracle Financials.

If you select Oracle Financials as the financial system, you must manually remove the Ledger Fields Table page from the menu navigation by changing the Permission Lists. You should create a custom permission list to hide the menu navigation to this component.

Understanding the Ledger Fields Table Setup

When you define an item type GL Interface, you specify the ledger to which account information is transferred. The Ledger Fields Table defines the fields that are available. Not all available ChartFields are needed to convey the accounting information. To prevent entering data into an incorrect ChartField, define only the values that you need. The business unit, account, and ledger fields are always required for the GL Interface definition and do not need to be added to the Ledger Fields Table.
Page Used to Set Up the Ledger Fields Table

<table>
<thead>
<tr>
<th>Page Name</th>
<th>Definition Name</th>
<th>Navigation</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ledger Fields Table</td>
<td>SF_LED_FLDS_TBL</td>
<td>Set Up SACR, Product Related, Student Financials, General Ledger Interface, Ledger Fields Table</td>
<td>Define ledger fields.</td>
</tr>
</tbody>
</table>

Defining Ledger Fields

Access the Ledger Fields Table page (Set Up SACR, Product Related, Student Financials, General Ledger Interface, Ledger Fields Table).

Ledger Fields Table page

This page is not available if Oracle Financials is selected in the Financial System group box on the SF Installation page.

ChartField

Select the database field name that represents a valid ChartField.

Synchronizing Oracle GL Segments

Integration Broker messaging brings all available Segment details—Segment Name, Segment Description, Segment ID and Ledger ID—from Oracle GL and stores them in the SSF_EB_SEGMENTS record in Student Financials.

You use the data that is available as a result of this process to complete the chartfields to segments mapping on the Chartfields Mapping page.

Feature Pack 2

New Integration Broker messaging brings all available Segment details from Oracle GL and stores them in a new record in Student Financials.

For more information please refer to the Developer Guide.

Note the following warning:

Warning! Synchronizing Oracle GL segments is essential for integration with Oracle Financials.

No delivered process or Campus Solutions component is available for this synchronization.

The Synchronize Oracle GL Segments web service is a Consulting solution only.
See CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.

The Integration Broker Message is successful only if Oracle Financials is selected in the Financial System group box on the SF Installation page.

See *PeopleSoft Enterprise Student Financials 9.0 PeopleBook*, Completing Student Financials General Setup, Setting Up Installation Parameters and Keywords, Defining Number Sequence Start Points, Maximum Row Settings, and ChartField Edit Options

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### Mapping General Ledger Business Units to Oracle General Ledger

**Feature Pack 2**

*Use the new ChartFields Mapping page to map a GL Business Unit to a Ledger, Operating Unit and Legal Entity combination in Oracle GL.*

*Use the new Journal Details Mapping page to set up the Journal Source and Journal Category required by Oracle GL.*

This section discusses how to:

- Map GL business units to Oracle GL.
- Map transaction classifications to Oracle GL journal categories.

See CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.

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### Pages Used to Map General Ledger Business Units to Oracle General Ledger

<table>
<thead>
<tr>
<th>Page Name</th>
<th>Definition Name</th>
<th>Navigation</th>
<th>Usage</th>
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<tr>
<td>ChartFields Mapping</td>
<td>SSF_EB_CF_SEG_MAP</td>
<td>Setup SACR, Product Related, Student Financials, General Ledger Interface, Map GL BU to Oracle GL, Chartfields Mapping</td>
<td>Map GL business units to Oracle Financials ledger, legal entity, and operating unit. Map chartfields to segments.</td>
</tr>
</tbody>
</table>

---

### Mapping GL Business Units to Oracle GL

Access the Chartfields Mapping page (Setup SACR, Product Related, Student Financials, General Ledger Interface, Map GL BU to Oracle GL, Chartfields Mapping)
To use this page, ensure that you have selected the Oracle Financials check box in the Financial System group box on the SF Installation page.

**Note.** The synchronization of Oracle GL Segments must be performed before you map chartfields to segments on this page.

**GL BU to Oracle Ledger Mapping**

You must enter a value in the Ledger, Legal Entity, and Operating Unit fields because in Oracle Financials, the chart of account consists of Ledger, Legal Entity, and Operating Unit.

The values in the Ledger field are available after you run the Synchronize Oracle GL Segments web service.

The Legal Entity and Operating Unit fields are not validated in Student Financials at this time, but must be valid values in Oracle Financials (available from the department that sets up Oracle GL).

You must enter a value in the Created By field because when transactions from Accounting Line are pushed to the GL Interface, a Created By value is required. The value must be numeric.
ChartFields to Segments

The chartfields that appear in this group box are the active chartfields on the HRMS Standard Chartfield Configuration page (Set up HRMS, Common Definitions, ChartField Configuration, Standard ChartField Configuration). This list of chartfields here is the same as the list on the Journal Set ChartFields page.

The 2 Affiliate Intra (Intra Unit), Project/Grant, and Affiliate chartfields are not supported and will not be available—ensure that these values are inactive on the Standard Chartfield Configuration page.

Note. You must map each chartfield to a segment name. If you do not, when you click Save, an error message appears and the page is not saved: All available segments must be mapped to chartfields.

Also, you must map each chartfield to a distinct segment name. If you do not, when you click Save, an error message appears and the page is not saved: Segment is mapped to more than one chartfield.

Mapping Transaction Classification to Oracle GL Journal Categories

Chapter 1 Setting Up GL Interface Processing

To use this page, ensure that you have selected the Oracle Financials check box in the Financial System group box on the SF Installation page.

The Journal Source field is used to identify the source of financial transactions in Oracle GL. The value that you enter here is passed to the GL_INTERFACE in Oracle GL. This value must exist as a valid source in Oracle GL. The journaling process in Oracle GL validates this value during import and fails to import details if the source is invalid. Oracle GL provides a facility to correct such entries and re-import.

**Transaction Classification to Journal Category**

The list of Transaction Classification values on this page is the same as the list of values that are available in the Item Type Code field on the Item Types (Search) page (Set Up SACR, Product Related, Student Financials, Item Types, Item Types).

The Journal Category value is used to identify the category of financial transactions in Oracle GL. This value must exist as a valid category in Oracle GL. The journaling process in Oracle GL validates this value during import. Errors are logged and Oracle GL provides a facility to correct the entries and re-import.
Map a journal category for Cashiering to ensure that cashiering entries are transferred to Oracle GL.

You should map each transaction classification to a journal category—you must map at least one journal category to be able to save the page. If you leave a journal category blank, you receive a warning message when you save the page and a value of *Others* is entered in the Journal Category field.

### Synchronizing ChartField Values

**Feature Pack 2**

A new batch process is available to insert/update segment values into the appropriate ChartField prompt tables based on the Chartfields to Segments Mapping. This ensures that the existing Journal Set ChartFields page continues to work as it currently does.

The Synchronize Chartfield Values component is used for integration with Oracle Financials only.

Use the Synchronize Segment Values (SSF_SYNSEGVL) batch process to insert/update segment values into appropriate ChartField prompt tables based on the values that you mapped in the ChartFields to Segments group box on the ChartFields Mapping page.

**Note.** Synchronization of Oracle GL segments must be performed and chartfields must be mapped to segments before you run the Synchronize Segment Values process.

See *PeopleSoft Enterprise Student Financials 9.0 PeopleBook*, Completing Student Financials General Setup, Setting Up Installation Parameters and Keywords, Defining Number Sequence Start Points, Maximum Row Settings, and ChartField Edit Options

See CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.

### Page Used to Synchronize ChartField Values

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<td>Synchronize Chartfield Values</td>
<td>SSF_RUNCTL_CFSYNC</td>
<td>Setup SACR, Product Related, Student Financials, General Ledger Interface, Synchronize Chartfield Values</td>
<td>Insert/update segment values into appropriate ChartField prompt tables based on the ChartFields to Segments mapping.</td>
</tr>
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</table>

### Synchronizing ChartField Values

Access the Synchronize Chartfield Values page (Setup SACR, Product Related, Student Financials, General Ledger Interface, Synchronize Chartfield Values, Synchronize Chartfield Values).
Synchronize Chartfield Values page

**Note.** To use this batch process, ensure that you have selected the Oracle Financials check box in the Financial System group box on the SF Installation page.

### Refresh Options

**Partial**

This option is selected by default. Use this option to run an incremental update of the prompt tables. Student Financials data is updated only if there has been a change to Oracle GL data since the last time that the process was run.

**Full**

Select this option to run a complete refresh of the prompt tables.

You would usually select this option for first time installation only.

**Note.** If you select the Full option, all prompt tables except the Department Chartfield (DEPT_TBL) prompt table are truncated and existing data is purged before the full synchronization happens.

The Department Chartfield prompt table is not truncated. Unlike other chartfield prompt tables that are truncated based on an inactive status of chartfields on the HRMS Standard Chartfield Configuration page, new values are added to the Department Chartfield table and the existing values remain intact.

When you click Run:

1. Ledger details associated with the GL Business Unit are retrieved based on the setup on the ChartFields Mapping page.
2. SetID and Segment details for the specified GL Business Unit are retrieved from the Chartfields to Segments Mapping table—this information is required to insert data into the ChartField prompt tables.
3. A Web Service call to Oracle GL is made with the Ledger and Segment details.

   The SSF_GL_SEGMENT_VAL_SYNC message is invoked for both Partial and Full options. For the Partial option, the business unit that is selected on this page is used and the related setID and segment details are retrieved from the mapping setup. For the Full option, all business units that are mapped to Oracle GL in the mapping setup are used.

4. Returned data is inserted into the appropriate prompt tables along with the derived SetID and Effective Date is updated with the LAST_UPDATE_DATE from Oracle Financials.
See CS90 to EBS GL Integration Developer’s Reference Guide. The guide is posted to My Oracle Support.

(Optional) Creating ChartField SpeedType Keys

To set up ChartField speed type keys, use the SpeedTypes component (SPEEDTYPE).

This section provides an overview of Chartfield SpeedType Keys and discuss how to define ChartField SpeedTypes Keys.

Understanding ChartField SpeedType Keys

Often you will want to enter the same combination of ChartField values repeatedly. By creating shortcut keys called SpeedTypes for these frequently used combinations of ChartFields, you can reduce data entry time and increase data entry accuracy. Using a SpeedType key that you define, you can enter one alphanumeric code that automatically enters all of its defined ChartField values.

Page Used to Create ChartField SpeedType Keys

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<td>SpeedTypes</td>
<td>SPEEDTYPE</td>
<td>Set Up SACR, Product Related, Student Financials, General Ledger Interface, SpeedTypes</td>
<td>Define ChartField SpeedTypes.</td>
</tr>
</tbody>
</table>

Defining ChartField SpeedTypes

Access the SpeedTypes page (Set Up SACR, Product Related, Student Financials, General Ledger Interface, SpeedTypes).
Chapter 1 Setting Up GL Interface Processing

The type of SpeedType depends on what you select for the User ID and Primary Permission List fields. The type of SpeedType is then displayed at the top of the SpeedTypes page.

**Type of SpeedType**

Select the type of speed type to restrict the key to a particular operator or class. Values are:

- **One Operator**: Only the operator specified in the dialog box can use this key combination. When you select this option, the User field becomes available and the Prim Perm List (primary permission list) field becomes unavailable.

- **One Operator Class**: Only the operator class specified in the dialog box can use this key combination. When you select this option, the Prim Perm List field becomes available for use and the User field becomes unavailable.

- **Universal (All Operators)**: All operators are authorized to use this combination. When this option is selected, both the User and Prim Perm List fields become unavailable.
Statistics Code
Optionally, enter a statistics code to record information used for statistical analysis. The PeopleSoft General Ledger staff defines statistics codes.

Currency
The system automatically populates this field with your institution’s base currency value. You can override this value to change the currency code.

Bypass Edits
Select to bypass the edits when setting up SpeedTypes. Bypassing the edits enables you to set up an incomplete SpeedType. For example, you could leave the Fund field blank, and cashiers could enter the appropriate fund during department receipt creation.

Note. The functionality of the Bypass Edits check box is relevant only if you select the Combinations Table Edit check box on the SF Installation page. When you select the Combinations Table Edit check box, the system processes department receipts only if cashiers select the correct ChartFields.

Copy and Paste
If you are entering multiple SpeedTypes, you can select your ChartFields, copy and paste them into the next SpeedType that you create, and then revise individual ChartFields.

Integration with Oracle Financials
Feature Pack 2
The SpeedTypes page is impacted by the integration with Oracle Financials:

The SpeedTypes page appears differently if Oracle Financials is selected in the Financial System group box on the SF Installation page:

- The Ledger field is not available.
- The Validate icon is available to validate the combination entered. Click the icon to trigger real time validation of the entered combination with Oracle GL.
- The Bypass Edits check box is cleared by default.
- ChartField prompt tables display valid values based on the Chartfields to Segments mapping on the ChartFields Mapping page and the values populated from Oracle GL for each segment into respective prompt tables.
- The 2 Affiliate Intra (Intra Unit), Project/Grant, and Affiliate chartfields are not supported and should be made inactive on the HRMS Standard Chartfield Configuration page.

See PeopleSoft Enterprise Student Financials 9.0 PeopleBook, Completing Student Financials General Setup, Setting Up Installation Parameters and Keywords, Defining Number Sequence Start Points, Maximum Row Settings, and ChartField Edit Options

Feature Pack 2
SpeedTypes Look Up:
The Ledger field is hidden in the Look Up and Search Results areas.

See Also
lsf, Completing Student Financials General Setup, Setting Up Business Units
(Optional) Activating ChartField Validation Options

ChartFields in Student Financials can be dynamically displayed, and they depend on the ChartField setup in PeopleSoft Enterprise Human Resources Management (HRMS).

See PeopleSoft Enterprise Student Financials 9.0 PeopleBook, “Completing Student Financials General Setup” Defining Number Sequence Start Points, Maximum Row Settings and ChartField Edit Options, Defining Dynamic ChartFields

See PeopleSoft Enterprise Student Financials 9.0 PeopleBook, Completing Student Financials General Setup, Setting Up Item Types and Item Type Groups

See PeopleSoft Enterprise HRMS 9.0 Application Fundamentals PeopleBook, “Setting Up and Working with ChartFields and ChartField Combinations” Populating HRMS with Valid ChartField Combinations

Assigning Charts of Accounts

You can assign a chart of accounts (ChartFields) to item types, course and class fees (if you use course and class fees), and cashiering setup (if you use the Cashiering feature).

See Also

lfssf, Completing Student Financials General Setup, Setting Up Item Types and Item Type Groups

lfssf, Setting Up Tuition Controls, Criteria, Equations, and Waivers, Establishing Criteria for Tuition Groups and Fee Triggers

lfssf, Setting Up Cashiering

Validating ChartFields

This section provides an overview of chartfield validation and discusses how to identify invalid chartfields. This section applies to integration with PeopleSoft Financials only.

To identify invalid chartfield combinations,

See lssf, Using GL Interface Processing, Running the Chartfield Audit Report.

Understanding ChartFields Validation

Student Financials provides several methods for ensuring that the chartfields that you enter on item types, course and class fees, and Cashiering tender keys and target keys are valid. When you create these elements, PeopleCode programs on the GL Interface pages validate the chartfields that you enter against the setup data that you loaded from PeopleSoft General Ledger. Because your General Ledger staff can change chartfields over time, inactivating them or even perhaps deleting them, Student Financials provides a process that validates chartfields on item types, course and class fees, and cashiering tenders and targets. The ChartField Validation process produces a report that identifies item types, course and class fees, and cashiering setup that contain invalid chartfields.
Page Used to Validate ChartFields

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<td>RUNCTL_SFGLVAL1</td>
<td>Set Up SACR, Product Related, Student Financials, General Ledger Interface, Chart Field Validation, Chartfield Validation</td>
<td>Identify invalid ChartFields in Student Financials.</td>
</tr>
</tbody>
</table>

Identifying Invalid ChartFields

Access the Chartfield Validation page (Set Up SACR, Product Related, Student Financials, General Ledger Interface, Chart Field Validation, Chartfield Validation).

**Chartfield Validation**

Run Control ID: PRINT_RECEIPT

- **Business Unit:** PSUNV
- **As Of Date:** 03/31/2004
- **Effective Status Option:** Active Status Only
- **Term:** 0540

Business Unit

Select the Student Financials business unit for which you want to validate ChartField information.

As of Date

Because ChartField values can change as you synchronize with the PeopleSoft Financials application, you must specify a date on which you want to run the verification.

Effective Status Option

Status options are:

- **Active Status Only:** Select to validate ChartField definitions for item types with a status of Active.
- **Active and Inactive Status:** Select to validate ChartField definitions on all item types regardless of status.

Term

Select the term that you want to verify.

Setting Up Integration with PeopleSoft Financials and Oracle Financials

This section discusses how to:
Feature Pack 2
This section is updated with the impact of Feature Pack 2

- Define batch publish rules for GL messaging.
- Define batch programs for GL messaging.
- Set up business unit synchronization for PeopleSoft Financials.
- Synchronize Student Financials business unit data with PeopleSoft Financials.

Pages Used to Set Up Integration with PeopleSoft Financials and Oracle Financials

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<td>Batch Programs</td>
<td>EO_MSGBATPGM</td>
<td>Enterprise Components, Integration Definitions,</td>
<td>Define batch programs for GL messaging.</td>
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<tr>
<td></td>
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<td>Batch Publish Rules, Batch Programs</td>
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<td>Full Table Publish Rules</td>
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<td>Initiate Processes, Full Data Publish</td>
<td>PeopleSoft Financials.</td>
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Defining Batch Publish Rules for GL Messaging

Access the Batch Publish Rules page (Enterprise Components, Integration Definitions, Batch Publish Rules).
To define batch publish rules:

1. Enter `STUDENT_FIN_ACCTG_LINE` in the Publish Rule ID field.
2. Select `Active` in the Status field.
3. For PeopleSoft Financials 8.4 integration, select the Create Message Header and Create Message Trailer check boxes.
   For integration with PeopleSoft Financials version 8.8 onwards, clear both check boxes.
   For Oracle Financials integration, clear both check boxes.

**Defining Batch Programs for GL Messaging**

Access the Batch Programs page (Enterprise Components, Integration Definitions, Batch Publish Rules, Batch Programs).
1. Select `STUDENT_FIN_ACCTG_LINE` as the message name.

2. Enter the process names `SFDPTREC` (Cashiering GL Interface process) and `SFPGLINT` (GL Interface process), which EOP_PUBLISHM picks up when publishing accounting lines to PeopleSoft Financials or Oracle Financials.

If you do not select these process, the messages will not be created when EOP_PUBLISHM runs.

**Setting Up Business Unit Synchronization for PeopleSoft Financials**

This section applies to integration with PeopleSoft Financials only.

Access the Full Table Publish Rules page (Enterprise Components, Integration Definitions, Full Data Publish Rules, Full Table Publish Rules).
To set up business unit synchronization:

1. Enter `BUS_UNIT_SF_FULLSYNC` in the Publish Rule ID field.
   - This rule publishes three fields (Business Unit, Description, Short Description) for all rows on the table to PeopleSoft Financials.
2. Select `Active` in the Status field.
3. Select the Create Message Header and Create Message Trailer check boxes.

**Note.** You must synchronize all Student Financials business units before you run any GL processes by running BUS_UNIT_SF_FULLSYNC full table publish once. Thereafter, the system manages additions or changes through messaging in the SF Business Unit component (BUSINESS_UNIT_SF).

### Synchronizing Student Financials Business Unit Data with PeopleSoft Financials

This section applies to integration with PeopleSoft Financials only.

Access the Full Data Publish page (Enterprise Components, Integration Definitions, Initiate Processes, Full Data Publish).
Chapter 1 Setting Up GL Interface Processing

[Full Data Publish page]

To synchronize business units:

1. Enter a request ID and description.
2. Select the Once option in the Process Frequency group box.

   **Note.** You can rerun this process without harming your system if the PeopleSoft Financials database becomes unsynchronized or corrupt.

3. Select `BUS_UNIT_SF_FULLSYNC` in the Message Name field.
4. Click Run.

After the process runs, the system keeps business units synchronized by triggering a message to the PeopleSoft Financials database whenever you change information in the Description field or the Short Description field on the General 1 page of the SF Business Unit component. In addition, the system triggers a message to PeopleSoft Financials whenever you add a new business unit.

   **Note.** The queue HR_SETUP enables one-way messaging and data publishing. To use this channel, you must configure the message node information by inserting the proper URL. PeopleSoft Financials must subscribe to these Student Financials published messages to keep its database up to date.

**See Also**

*PeopleSoft Enterprise General Ledger PeopleBook, “Integrating PeopleSoft General Ledger with PeopleSoft Applications”*
Copying ChartField Information for Item Types from One Term to Another

This section discusses how to run the GL Term Copy process.

Page Used to Copy ChartField Information for Item Types from One Term to Another

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<td>GL Term Copy</td>
<td>RUNCTL_SFGL_FEE</td>
<td>Set Up SACR, Product Related, Student Financials, General Ledger Interface, Copy Term, GL Term Copy</td>
<td>Run the GL Term Copy process.</td>
</tr>
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</table>

Running the GL Term Copy Process

Access the GL Term Copy page (Set Up SACR, Product Related, Student Financials, General Ledger Interface, Copy Term, GL Term Copy).

**GL Term Copy**

![GL Term Copy page]

### Parameters

- **SetID**: PSUNDV
- **From Term**: 0570 2008 Fall
- **From Session**: 0
- **To Date**: 10/05/2008
- **To Term**: 0580 2007 Spring
- **To Session**: 0

### Select Item Types for Copy

- Application Fee
- Financial Aid
- Refund
- Billing Only
- Withholding
- Wages
- Original Charge
- Interest
- PayPlan Credit
- Deposit
- Payment
- Writeoff

GL Term Copy page

**Parameters**

- **From Term and To Term**: Select the term from which you are copying item type ChartField information and the term that you are copying it to.
- **From Session and To Session**: Select the session from which you are copying item type ChartField information and the session that you are copying it to.
- **To Date**: Select the effective date to be used for the copy.

**Check One or More Item Types for Copy**

In this group box, select the classification of item types for which you want to copy ChartField information.
When you run the GL Term Copy process, it copies all of the ChartField information for all item types within the classification that you select. This process functions even if you previously copied ChartField information for an individual item type using the Copy GL Interface button on the GL Interface page of the Item Types component.