BPEL Workflow User Guide Oracle FLEXCUBE Universal Banking Release 12.2.0.0.0

Part No. E74659-01

May 2016



BPEL Workflow User Guide Oracle Financial Services Software Limited

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Contents

1.	Pre	face	1-1
	1.1	Introduction	1-1
	1.2	Audience	1-1
	1.3	Documentation Accessibility	1-1
	1.4	Abbreviations	1-1
	1.5	Organization	1-1
	1.6	Related Documents	1-2
	1.7	Glossary of Icons	1-2
2.	BPE	EL – An Overview	2-1
	2.1	Introduction	2-1
	2.2	Landing Page	2-2
	2.3	Navigating the Task Menu	2-3
	2.4	Navigating the Workflow Menu	2-7
3.	Ope	erations	
	3 .1	Introduction	3-1
	3.2	Configuring Landing Page	3-1
	3.3	Configuring Queues	3-3
	3.4	Configuring Sub-Stages	3-5
	3.5	Checking Duplicate Transactions	3-6
	3.6	Enabling User Rights	
4.	Fun	nction ID Glossary	4-1

1.1 Introduction

This manual is designed to help you quickly get acquainted with the basic features of the workflow layer using Business Process Execution Language (BPEL) in Oracle FLEXCUBE.

1.2 <u>Audience</u>

This manual is intended for the following User/User Roles:

Role	Function
Corporate Customer Service Executive	Collection of applications
Trade Finance Executive	Updation of details of contracts
Trade Finance Manager	Verification and authorization of contracts
Compliance Executive	Performance of compliance details of all parties in a contract
Compliance Manager	Verification of compliance check carried out by Compliance Executive

1.3 **Documentation Accessibility**

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4 Abbreviations

The following abbreviations are used in this User Manual:

Abbreviation	Description
BPEL	Business Process Execution Lan- guage
WF	Workflow

1.5 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	About this Manual gives information on the intended audience. It also lists the various chapters covered in this User Manual
Chapter 2	<i>BPEL - An Overview</i> provides a basic understanding of the workflow and its features.



Chapter 3	<i>Operations</i> explains the various actions that you can perform to suit your requirements of look and feel of the BPEL workflow.
Chapter 4	<i>Function ID Glossary</i> has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.6 Related Documents

- The Security Management System User Manual
- Procedures User Manual

1.7 Glossary of Icons

This User Manual may refer to all or some of the following icons:

lcons	Function
×	Exit
+	Add row
-	Delete row
	Option List



2. BPEL – An Overview

2.1 Introduction

The Business Process Execution Language (BPEL) workflow layer allows you to define a workflow for handling different transactions. The front-end user interface of this layer allows you to capture details required for the transactions and sends them to Oracle FLEXCUBE for processing.

Each transaction in BPEL can be configured as a process. At certain points in a process, input from the user-end is required. The input could be in the form of data to initiate or enrich a transaction or to authorize an existing transaction. To facilitate this, human tasks are generated by the BPEL engine as and when required during the process. These human tasks are associated with a Function ID. When a user initiates a task, the different user roles associated to the Function ID are assigned to the task.

Also, each process (transaction) passes through the workflow layer in stages. Access to each stage is restricted to users who have the requisite rights. Once a task has been initiated or completed for a particular stage, it is placed in the relevant queue or task list (explained later). To proceed further with the process, a user - with relevant rights - needs to acquire it under his/her user ID.

Note

System supports the co-existence of multiple composite versions of BPMN (Business Process Models and Notations) and BPEL process models. In BPMN processes, you can query the first task of a process by querying with the conversation id. You can customise the BPMN process using the BPM Composer.

This chapter contains the following sections:

- Section 2.2, "Landing Page"
- Section 2.3, "Navigating the Task Menu"
- Section 2.4, "Navigating the Workflow Menu"



2.2 Landing Page

When you log into the application, the Landing Page, as shown below, is displayed:-

Home Interactions Customer Workflow Tasks Preferences	Change Branch Options Window Help Sign Off	
lenu 🗭	0.0	
R Accounting and MIS		
AssetManagement		
Auto Billing Clients		
Bank Parameters		
B Billing		
Bills and Collections		
Branch Parameters		
Card Maintenance		
⊞ Cards		
B Clearing		
E Collections		
Common Entity		
E Compliance Checks		
Corporate Deposits		
Corporate Teller		
Customer Accounts		
E Customers		
E Dash Board		
B Branch-Manager		
Bulletin Message View		
B Retail Lending		
+EOD Exception Query		
Loan Transaction Query Status		
B Trade Supervisor		
Trade Transaction Query status		
B EOC Operations		
Exchange Traded Derivatives		
Expense Processing		
# Fixed Assets		
B Foreign Exchange		
# Funds Transfer		
E GL Balance		
B Gateway		
El Generic Interface		
Integrated Liquidity Management		
Interactions		
Interface		
R Intermediaries		
E Inventory		
# Islamic Accounts		
Islamic Asset Management		
Islamic Assets		
Islamic BC		
Islamic Derivatives		
El Islamic Financing		
Islamic Integrated Liquidity Management		
E Islamic Letters of Credit		

The following options are available to you in this screen:

- Menu
- Interactions
- Customer
- Workflow
- Tasks
- Preferences



2.3 Navigating the Task Menu

DOCUMEN1 - 002 - 000 - Oracle I	LEXCUBE UBSnull - ENG - 2012-11-07 - Transaction Input - Windows Internet E	xplorer	
iome Interactions Customer Wor	rflow Tasks Preferences	Change Branch Options Window Help Sign Off	
sks			() 6
Search			
Standard			

Click on 'Tasks' in the menu. The following screen is displayed:

The system displays all the main menu items that you have maintained in the 'Landing Page Configuration' screen along with the 'Search' and 'Standard' main menu items on the left hand side of the screen.

You can query existing workflow tasks by clicking 'Search' and then choosing the relevant link under it. Under 'Search', you are provided the option of searching tasks across all process flows (the 'All' link) or for specific process flows. The fields available under the link 'All' are



pre-defined in the system and the link 'All' is readily available. The other process flow specific links are displayed only if you maintain them in the 'Landing Page Configuration' screen.

sk Sex h AL Standard Acquire(i) -Acquire(i) -Complete(i)) -Ponding(i) -Superisor(i) -	Home Interactions Customer V	Vorkflow Tasks Preferences	Change Branch Options Window Help Sign Off	E 3
+ALL Standard +Acquired(0) +Assigned(4) +Complete(0) Transaction Reference = ✓ Value +Complete(0) Traisedion Reference = ✓ Value +Pending(0) +Supervisor(0) Assignee Group = ✓ Value Assignee Group = ✓ Value Construct Hame = ✓ Value Creation Dater Frame = ✓ Value Creation Dater Frame = ✓ Value Creation Dater Frame = ✓ Value		ADDATE STATE CONTRACTOR AND ADDATE		0.0
	sks i Search ⇒ALL i Standard ⇒ Acquired(0) ⇒ Assigned(4) ⇒ Completed(0) ⇒ Pending(0)			

Refer the section 'Configuring Landing Page' under 'Operations' in this user manual for further details.



Specify the basis for your search and click the 'Search' button. All the tasks that meet the parameters specified are fetched as displayed in the screen below:

ome Interactions Customer Workflow Tas	sks Pret	erences				Change	Branch Options	Window He	elp Sign O	π	
	4	erences.								4.8	Ð
Search	Task	List									
◆ALL	1000	en la Riter	Smith	Presente	44 4 Page 1 Of 1	Jump to page	Go				
Acquired(0)		Workflow	Reference	Transaction Reference	Title	Assignee Group	Assignee Users	Customer Name	Amount	Creation Dat (From(To)+	e Prio
Assigned(4) Completed(0)		IslamidjarahA	Account1362		Application Entry	ALLROLES				2012-04-30 11:14:27 IST	
Pending(0) Supervisor(0)		Islamicijarah4	kccount1574		Application Entry	ALLROLES				2012-05-10 15:16:46 IST	
		IslamidjarahA	ccount1575		Application Entry	ALLROLES				2012-05-10 15:40:50 IST	
		ImportLCProc	essFlow1587		Receive and Verify LC Import	ALLROLES,CCSEROLE				2012-05-11 12:11:04 IST	
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									
	Taski	History									

If you do not specify any search parameter before clicking 'Search' button, all the tasks will be displayed.

Under the 'Standard' menu, the system displays the following sub-menus and the number of tasks against each of these sub-menus:

- Acquired
- Assigned
- Completed
- Pending
- •

When you click a sub-menu, the different process flows (transactions) for the sub-menu and the number of tasks outstanding for each process are displayed. Choose the process flow for which you require details and click on it. Details for all the tasks under the corresponding queue are shown in the Task List pane. When you click a task, the relevant details are displayed in the Transaction History pane (below the Task List pane)

The workflow actions that you can perform for a task are:

Acquire/Release

After a task is assigned to a group, you, as a user, can further process the task only if you acquire it. Select the transaction and click 'Acquire' button. The task will then be moved from the group queue to your task list. You can release the task that has already been acquired by clicking 'Release' button..



Reassign

A task can be re-assigned only by a supervisor to any of his subordinates. If you have the requisite rights, you can select the transaction and click 'Reassign' button in your task list. This is done when a contract is transferred from the maker of the contract to another user for further operations.

Resume

A task that has been suspended can be resumed when you click the 'Resume' button in your task list. You can then continue with the suspended task.

The system also gives you the option of carrying out the same action on many tasks simultaneously. To do this, you are required to select all the tasks that you want, by checking the box at the beginning of each row. The operations common to all the tasks are listed at the top of the Task Pane. You can select the appropriate one. The chosen action will be implemented for all the selected tasks. For example, after choosing the tasks that you require, you can acquire all of them in bulk (if the 'Acquire' operation is allowed for all the tasks).

Copy

A selected task can be copied by clicking on 'Copy' button in your task list.

Escalate

System allows you to escalate a task to a supervisor or a higher authority. Follows are the types of escalations:

- Auto Escalation When a task remains acquired yet un-attended at the end of the specified time span, system automatically escalates the task to the user's supervisor. If the supervisor does not take any action for the same time period, then system escalates the task to the second level in the hierarchy. This process goes on for a per-defined number of levels.
- Manual Escalation In case a task requires an action from a higher authority, you can
 manually escalate a task to the user's supervisor by clicking the 'Escalate' button in the
 task list.

On clicking the 'Escalate' button, the system invokes the 'Comments' screen.

	<u>_</u>
Remarks Customer Address could not be confirm	

The system prompts to enter the following details:

Reason Code

Select the reason code from the adjoining option list. This list displays all valid reason codes maintained as 'Common'.

Remarks

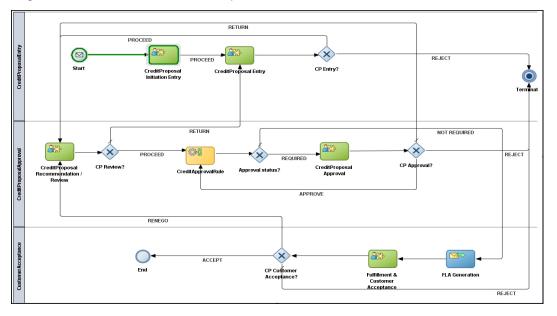
Specify the reason for escalation here.



On escalation, the task appears under the 'Escalated' option in the Supervisor queue. When the supervisor opens the escalated task, system displays the reason of escalation and remarks as an information message.

Stage Status

In BPMN processes, the system allows you to view the flow diagram and the current stage of a particular task. On clicking the 'Stage Status' button in the task list, system displays the flow diagram, for the selected task, in a separate window.



Note

System supports the Stage Status image only for BPMN Processes.

2.4 Navigating the Workflow Menu

When you click the 'Workflow' option in the Landing Page, the following screen is displayed:

10.0				-	
	ractions	Customer	Workflow	Tasks	Preferences
kflow				-	
ited Refer	rence 3				
count Nu					
	Iranch (25		
	tion Id				
	action				
Jence Nu	mber				
From	Date	2012-11-07			
То	Date 2	012-11-07	1		
			Search I	leset	
rch Resul	alts				
Action T	Гуре	Ad	ion Count		

The screen displays the different queues of the workflow process and the number of tasks against each queue. The workflow queues are as follows:

- Pending
- Assigned
- Failed
- Unassigned



- Completed
- Reversed
- Sent to Host
- Tanked
- Untanked
- Approved
- Auth History
- Sending for Authorization

To view the details of a particular queue, click on the queue. The details of all the tasks under the queue specified will be displayed as shown in the screen below:

Home Interaction	s Customer	Workflow Tasks	Preferences		Cha	nge Branch	Options	Window	Help	Sign Off			
Workflow		+									3.8	6	
Related Reference	%												
Account Number	%	21											
Branch	002	2 8											
Function Id	%												
Transaction Sequence Number	%												
From Date	2012-11-07	1											
To Date	2012-11-07	-											
		Search Reset											
Search Results													
Action Type	Ad	tion Count											

You can select the task on which you wish to perform an action to complete the process flow.

You can also carry out a search for tasks based on parameters of your choice by clicking the 'Search Tasks' option available in this screen. The following screen will be displayed;

Home Interactions	s Customer	Workflow Task	ks Preferences		Change Branch	Options	Window	Help	Sign Off	
Vorkflow										
Related Reference	%									
Account Number	95	25 25								
Branch	002									
Function Id	96									
Transaction	96									
Sequence Number From Date	2012-11-07									
	2012-11-07									
		Search Reset								
Search Results										
Action Type	Acti	on Count								

You can specify the parameters for the query and click on the 'Search' button. All records satisfying the parameters are displayed. You can now choose the task on which you wish to perform some action.



3. Operations

3.1 Introduction

Oracle FLEXCUBE allows you to configure Queues, Landing and Sub-stages in the workflow layer to suit your bank's requirements. It also keeps track of duplication of transactions on the basis of the fields that you indicate.

This chapter contains the following sections:

- Section 3.2, "Configuring Landing Page"
- Section 3.3, "Configuring Queues"
- Section 3.4, "Configuring Sub-Stages"
- Section 3.5, "Checking Duplicate Transactions"
- Section 3.6, "Enabling User Rights "

3.2 Configuring Landing Page

The page that is displayed on invoking the application is called as the 'Landing Page'. As mentioned above, you can launch a search for a particular task on the basis of the fields displayed in the Task List pane under the 'All' sub-menu in the 'Search' main menu item. The fields under this sub-menu (All) are pre-defined in the system and represent all process flows. The search fields under the 'All' sub-menu are displayed as shown in the screen below:

Home interactions Customer worknow tasks Preferences		IST.1.2 - ENG - 2012-11-07 - Transaction Input - Windows Internet Explorer	Change Breach	Ontions	Madae	Hele	Sign Off	CLRU	
Search Search Sandard Sandard Sandard Supervisio(0) Supervisio(0) Supervision(0) Supervisi		Preferences	onange eranon	opuons	HHILLOW	neith	orgin Uti	() 4	Ľ
ALL Task List - Search Standard Acquired(0) Wortflow Reference	11 March 11 Mar March 11 March 11 Mar	Taak List Caserb							
Standard Acquire(0) Viorifiow Reference ✓ value Ocmplete(0) Trate = Vialue Value Value Value Complete(0) Assignee Group Value Customer Name = Vialue Customer Name = Vialue Creation Date From To) Prode(Value									
Assigned(4) Transaction Reference = ✓ Value Complete(0) Tree = ✓ Value Pending(0) Assignee Group = ✓ Value Assignee Group = ✓ Value Customer Name = ✓ Value Customer Name = ✓ Value Creation Date From To) Priore, = ✓ Value	is standard								
Completed(0) Tele Value Pending(0) Assignee Group Value Customer Name Customer Name Amount Value Creation Date From To) Priore, Value	- wednearly)								
Assignee Group Assignee Group Assignee Users Customer Name Mount Amount Yolue Creation Date(From To) Priority Mount Mo	Completed(0)								
Asignee Users = Matue Customer Name = Value Amount = Value Creation Date From To) Prioret = Value		Assignee Group = 💌 Value							
Amount = Value Creation Date/FromTo Priorit, = MValue	- cupenton(e)								
Creation Date(FromTo) Priority = MValue									
Priorby = Value									

You can also choose to maintain additional fields for specific process flows, When you maintain additional fields for search operation for a process flow, the process flow is displayed



under the 'Search' main menu and all the fields (pre-defined and the additional ones maintained for the process flow) become available for you to search on.

You can define the process-flow specific additional fields in the 'Landing Page Configuration' screen, which you can invoke by typing SMDLNDPG' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button. The following screen is displayed:

🔶 Landing Page Configuration	n	_ ×
🚺 New 🦃 Enter Query		
Maintenance Details Process Code		
Maintenance Details		
I∢ ∢ 10f1 ▶ ▶I	60	+-1
Field Name Field Label	Display Searchable Sequence Number	(A)
i		
		<u>×</u>
Maker Checker	Date Time: Date Time:	
Mod No	Record Status Authorization Status	Exit

Here, you can capture the following details:

Process Code

Specify the function ID associated with the process work flow for which you are defining additional details.

Field Name

Select the field name which should appear in the Task List pane when you carry out a search for a task under the process flow mentioned above.

Field Label

Specify the name that should be displayed in the Task List pane.

Display

Check this box if the value of the field specified should be displayed as part of task details when you click on a task. This is applicable only when the 'Process Code' field is 'specified as 'All'.

Searchable

Check this box to indicate that the field should be made available for searching tasks. This facility is available for any 'Process Code'.

Seq No

Specify the order of display for the filed.

For instance, if you have maintained the fields 'Currency' and Product ID as an additional field for the Export LC process flow, you can see these fields along with the ones available under



Home Interactions (Dustomer Workflow	v Tasks	Preferences			Change	Branch Options	Window He	Hp Sign (N P	49
E Search			Task List - Search								
→ALL Standard			Assignee Users =	Value Value Value Value							
			Task List								
				Transaction	2	Jump to page	Go	Customer		Creation Da	
			Workflow Reference	Reference	Title	Assignee Group	Assignee Users	Name	Amount	(From\To)*	e Pr
			IslamidjarahAccount1362		Application Entry	ALLROLES				2012-04-30 11:14:27 IST	
			IslamicijarahAccount1574		Application Entry	ALLROLES				2012-05-10 15:16:46 IST	
			IslamicijarahAccount1575		Application Entry	ALLROLES				2012-05-10 15:40:50 IST	
			ImportLCProcessFlow158	7	Receive and Verify LC Import	ALLROLES,CCSEROLE				2012-05-11 12:11:04 IST	
			ImportLCProcessFlow188	7	Receive and Verify LC Import	ALLROLES,COSEROLE				2012-05-16 19:55:53 IST	

the 'All' sub-menu, when you click the 'Export LC' queue under the 'Search' main menu item as shown in the screen below:

3.3 Configuring Queues

A queue represents a set of human tasks that are grouped on the basis of the common characteristics they share. For instance, you could have groups based on whether the tasks have been completed, deleted or the type of transaction

You can define the basis for grouping for each queue in the 'Queue Maintenance' screen. To invoke this screen, type 'SMDQUEMT' in the field at the top right corner of the Application tool bar and click the adjoining arrow button. The following screen is displayed:

In this screen, you are required to specify the following details:

Queue ID

Specify a unique identification code for the queue.

Queue Type

Indicate the type of tasks that should be displayed for the queue you are defining. Select one of the following values from the adjoining drop-down list:

- Editable tasks: Tasks where the user will be allowed to modify existing data.
- Read-only Tasks: Tasks where the user can only view existing information.
- Normal Tasks All the tasks for which the user has rights (editable/read-only)
- Supervisor All tasks pertaining to the all the subordinates of the user.
- Current stage The current stage of a process instance in which the user has performed at least one task.
- Dashboard Select this queue type to define the queue as a dashboard. Dashboard queues will not be displayed in the queue navigation tree in the landing page.
- Audit Select this option to define this queue as an audit queue.

Sub Queues

The system displays the names of sub queues mapped to this queue.



You can map additional sub queues using 'Map Sub Queues' button.

140	ilable Queue List	10.10			-	Add to select list Selected Queue List	
4		Go				Remove from select list	
1	Sub Queue Id		Sub Queue D	Descri	i	Sub Queue Id	
1	ASSIGNED	Q	Assigned Task	S	E	ACQUIRED	P
1	CAM_ASG_QUEU1	P	CAM Assigned			AGING	P
1	CAM_ASG_QUEU2	P	CAM Assigned	Low			
1	CAM_COM_QUE2	0	CAM Complete	ed Lo	v		
1	CAM_COM_QUEU1	P	CAM Complete	ed Hig	3		
	COMPLETED	P	Completed Tas	sks	-		
						<	

Available Queue List displays the sub queue IDs available for selection. You can add one or more sub queues to the Selected Queue List using 'Add to select list' button. Identify the required sub queues, check the adjoining check box and click 'Add to select list' button. The selected queues are added to Selected Queue List.

You can also remove a sub queue from the Selected Queue List. From the Selected Queue List, identify the queue to remove, check the adjoining check box and click 'Remove from select list' button. The selected queues are removed from the list.

You can view the sub queues under the respective parent queues in the queue navigation tree.

Queue Criteria

Specify the criteria to be used to filter all tasks. The criteria specified here and the queue type you have indicated earlier determine the tasks that are displayed under each queue.

You can also associate Function IDs to queues by specifying them here. If you do so, only those Function IDs that have been associated can be accessed by the user. If there is no such association in the criteria, all Function IDs will be made available for the queue.

Filter Column

Indicate the basis for filtering the tasks.

Operator

Indicate the operator.

Filter Value

Specify the value to be considered for filtering.

Others

If 'Filter Value' chosen is 'Others', you can specify the value here.

Language Code

Indicate the language code to be used for the queue ID.

Main Menu

Indicate the name of the group under which the queue should be placed.



Sub-Menu

Specify the name for the queue. This will appear under the Main Menu.

Description

Specify a relevant description that will be displayed when you point the mouse on the Sub-Menu.

asks	*								1 9	8
Search	Task	List								
→ALL Standard				44 4 Page 1 Of 1	How Handler	Go				
 Acquired(0) Assigned(5) 		Workflow Reference	Transaction Reference	Title	Assignee Group	Assignee Users	Customer Name	Amount	Creation Date (From\To) *	Priorit
+ Completed(0)		IslamidjarahAccount1362		Application Entry	ALLROLES				2012-04-30 11:14:27 IST	
→ Pending(0) → Supervisor(0)		IslamidjarahAccount1574		Application Entry	ALLROLES				2012-05-10 15:16:46 IST	
		IslamidjarahAccount1575		Application Entry	ALLROLES				2012-05-10 15:40:50 IST	
		ImportLCProcessFlow1587		Receive and Verify LC Import	ALLROLES,CCSEROLE				2012-05-11 12:11:04 IST	
		ImportLCProcessFlow1687		Receive and Verify LC Import	ALLROLES.CCSEROLE				2012-05-16 19:55:53 IST	
	Task	History								

Workflow places the tasks that meet the criteria specified for each queue as shown below:

3.4 Configuring Sub-Stages

In the BPEL workflow layer, there are several points at which human tasks are generated. These tasks can be further divided into sub-stages which have entry conditions, exit outcomes etc. You can capture these details in the 'Task Sub Stage Maintenance' screen. You can invoke this screen by typing 'SMDSUBST' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button. The following screen is displayed:

	, 0		•	
🕨 Task Sub Stage Maintenance				_ 3
New				
Function Id *				
I			+	
Sequence Number * Sub Stage Function Ic	I * Sub Stage Name *	Outcome list *	Reject To Stage	~
]				
4	m			
× L.				
Maker	Date Time:			
Checker	Date Time:			_
	Bate Hinte.			Exit
	Record Status			
Autho	rization Status			

You are required to maintain the following details in this screen:



Function ID

Specify the Function ID associated with the human task for which you are defining substages. The adjoining option list displays all valid function IDs available in the system. You can select the appropriate one.

Seq No

The system displays the sequence number for the current sub-stage.

Sub Stage Function Id

Specify the Function ID for the sub-stage. The adjoining option list displays all valid function IDs available in the system. You can select the appropriate one. The roles and the screen displayed for the sub-stage are fetched accordingly. This can be the same as the main Function ID for the task.

Sub Stage Name

Specify a unique name for the sub-stage.

Outcome List

Specify the possible outcomes allowed for this sub-stage. You can have any of the following:

- MOVENXT: If this is chosen, the current Function ID screen will be closed and the process will move on to the next sub-stage in sequential order
- AUTOMOVENXT: If this option is selected, the task will go to the next stage. The next sub-stage will be acquired automatically (provided the user has the relevant rights). The Function ID of the next sub-stage will be displayed in the screen.
- MOVEPREV: If this is chosen, the task will be moved to the previous stage mentioned or to the sub-stage sequence number specified in the 'Reject To Stage' field.

To facilitate this configuration, you need to map the first sub-stage to the Function ID of the human task. Also, you will be allowed to select only the 'MOVEPREV' option for the last sub-stage you have defined.

Entry Rule

Specify the conditions that need to be fulfilled for this sub-stage to be initiated. The specification is done in the same syntax as that for the queue configuration. If the criteria specified are satisfied, then the transaction comes to this sub-stage. If not, it moves to the next sub-stage.

Reject To Stage

This is the sub-stage to which a task is sent to in case the task is rejected at any point in the sub-stage process. If you do not specify any value for this, a rejected task will be sent to the previous level.

3.5 Checking Duplicate Transactions

During initiation of a process flow, when you enter and save the data, the system checks for duplicate transactions among all authorized and unauthorized tasks carried out on the same day. This check is performed based on a list of fields maintained for every transaction type. If duplicate transactions exist, The system will display the overrides message with Workflow reference numbers of all the matching tasks.

You can however, override the message and continue with the current process.



You can define the fields that need to be matched for duplication in the 'Function Description Maintenance' screen. You can invoke this screen by typing 'SMDFNDSC' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Function Description							_ × _
🗋 New							
Function Id Module List User Function Id Type String	*	equired rization Required rt Required th Access		ame ype Form ead MODULE Available Available Automatic I aware Customer. Auto Autho Head Office Duplicate t	Access rization 9 Function		
Main Control String for f Function Description I 10f1	unctions and rep	Duplicate Che	ck Fields				+-=
Field Properties	Main Menu	Sub Menu 1	Sub Menu 2	Balloon Help	Description		*
Maker Checker		Date Tir Date Tir			Mod No d Status n Status	 	Exit

In this screen, you are required to indicate the following details to facilitate checking for duplicate transactions:

Duplicate Check

Check this box to ensure that a validation is carried out to track duplication of transactions.

Field Name

Specify the field that should be the basis on which transaction duplication is checked.

Enabled

Check the box against each field whose values you want the system to compare across transactions.

3.6 Enabling User Rights

As mentioned earlier, each human task has a Function ID and the roles assigned to the Function ID are inherited by the task when it is initiated. A user, with access rights to the Function ID for the task, can either view the details of the task or perform edit operations on it.

You can define these rights in the 'Process Stage Rights' screen. To invoke this screen, type 'SMDROLDF' in the field at the top right corner of the Application tool bar and click the



adjoining arrow button. In the 'Role Maintenance' screen that is displayed, click 'Process Rights' button. The following screen is displayed:

Process Stage Righ	IS		_ ×
Process			
I	Go		+ - =
Role Function	Editable	0	<u>^</u>
			i i i i i i i i i i i i i i i i i i i
			~
2011			
			Ok Exit

Specify the following details in the screen:

Role Function

Specify the Function ID for which you wish to define rights. The adjoining option list displays all valid function IDs available in the system. You can select the appropriate one.

Editable

Check this box if you wish to allow editing of data for this task/Function ID. If you do not check this box, the user can only view details for the role function specified earlier.

You can, therefore, use this screen to allow only editing or only modifying rights for a user for different role functions.



4. Function ID Glossary

S	SMDQUEMT
SMDFNDSC	SMDROLDF
SMDLNDPG3-2	SMDSUBST

