SAP IMPLEMENTATION

FUNCTIONAL SPECIFICATION

CIAL_SAP_FICO_FS_25_INTERFACES

PREPARED BY

TATA

TATA CONSULTANCY SERVICES

ABBREVATIONS

ABBREVATION	DESCRIPTION
CIAL	Cochin International Airport Ltd.

DOCUMENT REFERENCES

DOCUMENT	DOCUMENT NAME

CHANGE HISTORY

AUTHOR	CREATION DATE	VERSION	STATUS	CHANGES
Martin	26.03.2013	1.0	Created	
AMENDED BY	DATE	VERSION	STATUS	

DISTRIBUTION

COMPANY	NAME	ROLE	ACTION	INFO
CIAL			X	
TCS			X	

REVIEW

COMPANY	NAME	DATE	SIGNATURE
CIAL			

SIGNOFF

COMPANY	NAME	DESIGNATION	SIGNATURE
CIAL			

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1. OBJECTIVE

The new tables is to be developed for mapping of cargo invoice type to SAP Document type and tax code of cargo software to tax code of SAP and Cargo agent to SAP Customer number.

- *Report*
- *Interfaces*
- *Conversions*
- *Enhancements*
- *Forms*
- *Workflow*

Scope

The requirement is to develop new tables for mapping of cargo invoice type to SAP Document type and tax code of cargo software to tax code of SAP and Cargo agent to SAP Customer number.

1.1 Assumptions

N/A

1.2 Exclusion

N/A

2. Development details

2.1 Program Details

FS Description	Tables for mapping of cargo invoice type to SAP Document type and tax code of cargo software to tax code of SAP and Cargo agent to SAP Customer number.		
Object Owner	Martin	Date raised	18/02/2013
Complexity	Low	Expected date	/ /
SAP Module	FI	Dev. object type	Enhancements
SAP Std modified	☐	Oss note	
New Program	☒	Copy from existing program	
Sap Existing Name		Existing T. code	
Type of Program	☒ **Foreground**	☐ **Background**	
(The *section* below will be completed by the Technical team)			
New Name		Transaction code	

3. Reports

Note: This section should be filled out for each relevant component.
This section may be marked N/A if it is not relevant.

3.1 Input

3.1.1 Selection Parameters

3.2 Processing Logic Overview

3.3 Output

3.3.1 Report Output Fields

3.3.2 Report Layout

3.4 Constraints

4. FORMS

> Note: This section should be filled out for each relevant component.
> This section may be marked N/A if it is not relevant.

4.1 Input

4.1.1 Selection Parameters

Table 1: Selection Parameters for Forms

Field Text	SAP Table Field Reference	Sel. Type (SO/PA/RB/ CB)	Def Value	Mandatory	Comments <If any>

4.2 Processing Logic Overview

4.3   Form Layout

Output format (Form Layout) as mentioned below.

Table 2: Form Details

Printing Requirements (mandatory for programs that produces a hard copy)	**Type of Printer (Forms)**	
	☐ Dot Matrix ☐ Laser /Desk Jet/Zebra	
	Type of Paper Printout (Forms)	
	☐ Pre-printed form ☐ Regular Paper (as designed in the layout)	
	Paper Design (only for Forms)	
	Size of Paper	A4
	Orientation	☐ Portrait ☐ Landscape
	Logo	☐ To be added
Form Layout **(this should be an inserted file as an ICON that contains the output display of the program – e.g. excel sheet format)**		

5. CONVERSIONS

5.1   Data System/Data Flow Diagram

5.2   Type of Data to be Converted

5.3   Logical Data Element Mapping

5.4   Historical Data

6. INTERFACES

6.1   Input

6.1.1 Interface Parameters

6.2   Process/Data Flow Diagram

6.3   Logical Data Element Mapping
6.4   Business Process Specifications

7. WORKFLOW

7.1   Process/Data Flow Diagram

7.2   Roles and Responsibilities

8. ENHANCEMENTS

8.1   Process Flow Diagram

8.2 Enhancement Specifications

The requirement is to develop a new tables for mapping of cargo invoice type to SAP Document type and tax code of cargo software to tax code of SAP and Cargo agent to SAP Customer number.

The following tables have to be developed:

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
Invoice Type	DOCUMENT_TYPE (cargo Software)	CHAR	2	Mandatory
SAP Document type	BKPF—BLART	CHAR	2	Mandatory
Validity Start Date		DATS	8	Mandatory
Validity End Date		DATS	8	Mandatory

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
Tax code	TAX_CODE— (Cargo Software)	CHAR	2	Mandatory
Tax code of SAP	MWSKZ	CHAR	2	Mandatory
Validity Start Date		DATS	8	Mandatory
Validity End Date		DATS	8	Mandatory

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
Customer	ACCOUNT (Cargo Software)	CHAR	10	Mandatory
SAP Customer Number	KUNNR	CHAR	10	Mandatory
Validity Start Date		DATS	8	Mandatory
Validity End Date		DATS	8	Mandatory

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
Employee ID	PERNR	NUM	8	Mandatory
SAP User ID	USR01--	CHAR	10	Mandatory

	BNAME			
E-Mail ID		CHAR	50	Mandatory

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
Vendor	ACCOUNT (Cargo Software)	CHAR	10	Mandatory
SAP Vendor Number	LIFNR	CHAR	10	Mandatory
Validity Start Date		DATS	8	Mandatory
Validity End Date		DATS	8	Mandatory

FIELD NAME	TECHINCAL FIELD NAME	FIELD TYPE	FIELD LENGTH	FIELD STATUS
Type			1	Mandatory
GL Account Number	SAKNR	CHAR	10	Mandatory
SAP GL Account Number		CHAR	10	Mandatory
Validity Start Date		DATS	8	Mandatory
Validity End Date		DATS	8	Mandatory

Validations:

- The field Name "Type" should consist of a dropdown list of
    - International Cargo
    - Domestic Cargo
    - Duty Free

- User should not be able to enter duplicate entry.
- User should be able to change the Validity start date and end date of a line item.

9. ADDITIONAL INFORMATION

9.1 Volume and Frequency

9.2   Authorizations

9.3   Error Handling Specifications

What are the business specifications/needs to handle the errors?

9.4   Additional Security Considerations

List any security considerations that are different than that specified in Section 1.4 or are not covered in Section 1.4.

10. UNIT TEST CASE SCENARIOS

Table 3: Test Case Scenarios

Case Scenario	Description
Case 1	

A Appendix

B Naming Conventions

Document Naming Convention: CIAL_DT_<Module Name>_<Description>.doc

Module Name – Functional Work stream. Example, For FICO Functional specification, <Module Name> should be FI.

- FI = Finance
- MM = Procurement
- PP = Manufacturing
- SD = Sales & Distrubution
- HR = Human Resource
- PM = Maintenance
- PS = Project System
- WM = Warehouse Management
- DMS = Document Management System
- EHS = Environment Health & Safety

DT- Document Type indicator, in this case it is FS (Functional Specification).