

RAMCOAVIATION SOLUTION VERSION 5.9 USER GUIDE INVENTORY SETUP

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ABOUT THIS MANUAL

This manual briefly describes the basic processes and functions in Ramco Aviation Solution.

WHO SHOULD READ THIS MANUAL

This manual is intended for users who are managing the Aviation industry processes and are new to Ramco Aviation Solution. This manual assumes that the user is familiar with the Aviation Industry nomenclatures and systems based software.

HOW TO USE THIS MANUAL

Ramco Aviation Solution provides extensive Online Help that contains detailed instructions on how to use the application. Users are suggested to use this manual for specific references, along with the Online Help. This manual contains enough information to help the users perform the basic tasks and points toward the Online Help for more detailed information.

HOW THIS MANUAL IS ORGANIZED

The User Guide is divided into 4 chapters and index. Given below is a brief run-through of what each chapter consists of.

Chapter 1 provides an overview of the **Inventory Setup** business process and the entire manufacturing process. The sub processes are explained in the remaining chapters.

Chapter 2 focuses on the Parts Catalogue Administration sub process.

Chapter 3 dwells on the Storage Area Administration sub process.

The Index offers a quick reference to selected words used in the manual.

DOCUMENT CONVENTIONS

- The data entry has been explained taking into account the "Create" business activity. Specific references (if any) to any other business activity such as "Modify" and "View" are given as "Note" at the appropriate places.
- Boldface is used to denote commands and user interface labels.
 Example: Enter Company Code and click the Get Details pushbutton.
- Italics used for references.

Example: See Figure 1.1.

The Section is used for Notes, to convey additional information.

REFERENCE DOCUMENTATION

This User Guide is part of the documentation set that comes with Ramco Aviation Solution. The documentation is generally provided in two forms:

- The Documentation CD in Adobe® Systems' Portable Document Format (PDF).
- Context-sensitive Online Help information accessible from the application screens.

WHOM TO CONTACT FOR QUERIES

Please locate the nearest office for your geographical area from www.ramco.com for assistance.

contents

1	INTR	ODUCTION	7
2	PAR	TS CATALOGUE ADMINISTRATION	9
2.	.1 PRO	CESSING REQUEST FOR CREATING A NEW PART RECORD	
2.	2 SET	ING MASTERS	14
	2.2.1	SETTING OPTIONS FOR PART ADMINISTRATION	14
	2.2.2	DEFINING THE QUICK CODES	15
	2.2.3	CREATING ATTRIBUTES	15
	2.2.4	DEFINING SOURCE TYPES	16
	2.2.5	SETTING OPTIONS FOR PART ACCOUNT GROUP	16
	2.2.6	MAINTAINING PART ACCOUNT GROUP	17
	2.2.7	ASSOCIATING PARTS TO ACCOUNT GROUP	18
	2.2.8	MANAGING REFERENCE COST FOR PART CONDITION	19
	2.2.9	MAINTAINING OVERHEAD RATES FOR LABOR COSTING	20
	2.2.10	MAINTAINING EMPLOYEE RATE INFORMATION	21
2.	.3 CRE	ATING AND ACTIVATING PARTS INFORMATION	22
	2.3.1	UPDATING ALTERNATE PART INFORMATION	24
	2.3.2	UPDATING KIT COMPOSITION DETAILS FOR A PART	27
	2.3.3	UPDATING THE OTHER PART NUMBER INFORMATION FOR A PART	27
	2.3.4	UPDATING PLANNING INFORMATION FOR A PART	28
	2.3.5	UPDATING PURCHASE INFORMATION	31
	2.3.6	UPDATING SALES INFORMATION	33
	2.3.7	DEFINING PART MANUFACTURING INFORMATION	35
	2.3.8	UPDATING ADDITIONAL VALUATION INFORMATION FOR A PART	36
	2.3.9	UPDATING UNIT OF MEASUREMENT CONVERSION INFORMATION FOR PART	36
	2.3.10	CREATING QUICK PART INFORMATION	37
	2.3.11	ASSOCIATING ATTRIBUTES TO THE PART	43
2.	4 CRE	ATING PART / SERVICE GROUPS	45
	2.4.1	ASSOCIATING ATTRIBUTES TO THE PART / SERVICE GROUP	45
	2.4.2	ASSOCIATING PARTS /SERVICES TO A GROUP	46
	2.4.3	Associating usages to a group	47
2.	.5 CRE	ATING GROUP TYPES	48
2.	.6 BUIL	DING PART GROUP HIERARCHY	49
2.	.7 MAI	NAGING PART TECHNICAL DATA REQUIREMENTS	50
	2.7.1	MANAGING PART TECHNICAL DATA REQUIREMENTS	50
	2.7.2	RECORDING PART TECHNICAL DATA	51

ramco

2.8 PO	OL MANAGEMENT	54
2.8.1	MAINTAINING POOL INFORMATION	54
2.8.2	MAINTAINING WAREHOUSES FOR CUSTOMER REQUESTS	57
2.9 CRE	EATING A SERVICE	58
2.9.1	CREATING SERVICE MAIN INFORMATION	58
2.9.2	MAINTAINING PLANNING AND PURCHASE INFORMATION FOR THE SERVICE	59
2.9.3	ASSOCIATING ATTRIBUTES TO THE SERVICE	62
2.10 CC	ONVERTING PART ATTRIBUTES	63
2.10.1	1 MANAGING CONTROLLED DATA FOR PART RECORD	63
2.11 M	ANAGE FREQUENTLY REQUESTED PARTS	65
2.11.1	1 MANAGING FREQUENTLY REQUESTED PARTS	65
2.12 N	OTES	66
2.12.1	1 MAINTAINING NOTES	66
2.13 M	AINTAINING DATA FOR TRADE COMPLIANCE – PART DATA & LICENSES	677
2.13.1	1 MAINTAINING TRADE COMPLIANCE INFORMATION	67
2.13.2	2 MAINTAINING EXTERNAL LICENSE	68
3 STO	RAGEADMINISTRATION	70
3.1 DEF	FINING APPLICABLE STOCK STATUS	72
3.1.1	CREATING A USER DEFINED STOCK STATUS	72
3.2 DEF	FINING STOCK TRANSACTION UNIT OFMEASUREMENT	75
3.2.1	DEFINING THE QUICK CODES	75
3.2.2	CREATING A UNIT OF MEASUREMENT	75
3.2.3	CREATING UNIT OF MEASUREMENT CONVERSION	76
3.3 SET	TING UP STORAGE AREAS	77
3.3.1	SETTING PARAMETERS FOR STOCK ADMINISTRATION	77
3.3.2	CREATING WAREHOUSE QUICK CODES	77
3.3.3	CREATING WAREHOUSE INFORMATION	78
3.3.4	GRANTING WAREHOUSE ACCESS PRIVILEGE FOR USER	82
3.3.5	MAINTAINING STORAGE LOCATION	83
3.3.6	MAINTAINING STORAGE ALLOCATION STRATEGIES	83
3.3.7	MAINTAINING EXTERNAL STOCK ALLOCATION	85
3.3.7 3.3.8	MAINTAINING EXTERNAL STOCK ALLOCATION MAINTAINING PLANNING PARAMETERS FOR THE WAREHOUSE	85 87
3.3.7 3.3.8 3.3.9	MAINTAINING EXTERNAL STOCK ALLOCATION MAINTAINING PLANNING PARAMETERS FOR THE WAREHOUSE MAINTAINING NUMBERING PRIVILEGES	85

contents

3.4	REC	ORDING OPENING BALANCE OF STOCK	91
	3.4.1	SETTING OPTIONS	91
	3.4.2	CREATING OPENING BALANCE	92
	3.4.3	CANCELING AN OPENING BALANCE TRANSACTION	96
3.5	AUT	HORIZING THE OPENING BALANCE TRANSACTION	98
Ind	ex		99

1INTRODUCTION

The **Inventory Setup** process addresses all the requirements for building up the basic entities for a warehouse management system and inducting a new part into the system. The basic entities like parts need to be stored in various units of an organization. Within an organizational unit, the parts can be stored in various locations called the warehouse. These warehouses can be further partitioned into sub units known as the zone and the bin. For easy accessibility purpose, parts are provided with unique number that describes their planning, purchasing and sales information. Being the basic entity the parts keep moving from one process to another process within an organization. Now these parts can be associated with various attributes based on their characteristic so that the right quality of parts can be procured.

The part being the basic entity, the organizations not only maintain the quantity of stock on hand, but also keep track of the quantity of stocks in various statuses. The stock statuses could be "Accepted", "Rejected", "Held" etc. based on the behavior of the statuses. The stocks can have various Units of Measurement depending upon the various attributes associated to the parts. A part can also have more than one Unit of Measurement based on the business requirement.

Most of the business requirements such as purchasing, inventory, accounting and engineering have a need to provide a unique identity to a document across the process flow. The numbering pattern, which serves as the unique identity of the document would largely depend on the type of transaction and the organization unit in which the transaction is taking place. The document numbering class business component can be

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used to define and generate the various such numbering patterns for different types of transaction of an organization. Document numbering is basically required for traceability purposes across business components and across locations to identify the reason due to which a business transaction has taken place.

The **Inventory Setup** business process comprises the **Parts Catalogue Administration** and **Storage Area Administration** sub processes. The Parts Catalogue Administration sub process addresses the process of inducting a new part into the system and managing the part library thereafter. The Storage Area Administration sub process addresses the setting up the warehouse organization and opening stock balance in each storage area.

2PARTS CATALOGUE ADMINISTRATION

The Parts Catalogue Administration sub process addresses the process of inducting a new part into the system and managing the part library thereafter. The parts catalogue provides the primary source of all information pertaining to a part, holding details such as its planning, sourcing, specifications and attributes. Parts are not only the core elements of a transaction in a logistics cycle; information like manufacturer part number, preferred supplier, standard warehouse, alternate part numbers etc., are used by almost all other business components like Shop Work Order and Purchase Order.

Part Administration business component enables you to provide a unique identity to the part by identifying the main details of the part, which are common across all locations that share the parts master information. Other part numbers and alternate part numbers can also be maintained. Once the part is listed in the reference master list, each location, which has its own planning or procurement, can maintain their location specific planning, purchase and sales information. The typical process flow of the business component is shown below. *See Figure 2.1* The Part Administration business component also enables you to define service by providing a unique identity to the service. Service is broadly classified into main, planning and purchase information based on the role of the maintenance personnel. The main detail of the service is similar across all locations that share the service master information. Once the service is defined, each location can maintain its own

planning and purchase information. The interaction of the business component with the other business components is also shown. *See Figure 2.2.*

Illustrated Parts Catalogue Pattern for Serial/Lot # Request for New parts Document Create Parts Engineering Order Process New (main Information) Numbering class parts Component Information UOM administration Identify Alternate ◄ Maintenance info < Aircraft/component part # Refer Part Information Identify Other Part # Task Activate part for reference Kit composition Storage Administration Planning info UOM (for a location) Conversion Issue parts ÷ Refe<mark>r</mark> Part Info Stock Issue Activate part for Inventory transactions Work Order Refer Part Info Request for Issue of Parts Sales Information Purchase Information Purchase Order Part Administration Component Place Order

Typical Process Flow



Business Component Interaction





Account Group business component facilitates the definition of account groups for parts,

customers and suppliers for managing the item account and payable account details. This business component enables efficient tracking of the transactions in the system by tracking the stock or payables account as it flows through different processes in an organization.

Every organization maintains individual accounts as a ledger book for all items, suppliers and customers for tracking expenses or revenues incurred on these items or suppliers or customers. This business component provides you with the option of grouping the various accounts since many parts, suppliers or customers are associated with the same set of account codes based on the usage.

This information provided by this business component is used by almost all the business components of inventory as well as other business process chains that need account code information.

Attribute Definition business component enables you to track the characteristics of certain items as they move across various processes in the organization. It facilitates the definition of various attributes that are associated to parts and is used for functions like purchasing, to procure the right quality of the parts. To procure parts of the right quality, some of these quality characteristics, along with allowable values, can be communicated to the supplier along with the purchase order details. At the time of receipt, the user can check and ensure that the part has been delivered with the correct quality characteristics.

2.1 PROCESSING REQUEST FOR CREATING A NEW PART RECORD

You can process the various requirements received from the "Engineering Order" business component for the creation of new parts. The new part numbers are created based on the reference of the suggested part number. To request for the creation of a new part, the corresponding engineering order must be in the "Fresh" status and suggested part number for which part details are to be defined should be in "Confirmed" status.

1. Select Process New Part / Part Attribute Change under Part Administration business component. The Process New Part / Part Attribute Change page appears. *See Figure 2.3.*

*)	Process New Part	/ Part Attribute	e Change Request					Į		i 🗗 🔶	- ?	[o
<u> </u>	earch	ı Criteria											
		Source Document T	ype New Part Requ	iest 💌	Source Doo	cument #			Requesting Org. Unit	•			
		Request T	уре	Ŧ	Part #				Part Type		Ŧ		
		Request Sta	atus	T	Request	Category	•		Requested By Emp.				
		Pric	rity	•	Us	er Status							
Search Results													
44	ē	1 - 10 / 108 🕨 🗰	+000	T Tx			人口日本		III AII	•			Q
#		Source Document Type	Source Document	Request Status	Request Type	New Part # / Affected Part #	Part	Existing / Alternate Part	Requestor Remarks		Comments	s	Pai
1		New Part Request	NPR-000014-2011	Confirmed	New Part	bens part:f9111	test for scm						
2		New Part Request	NPR-000015-2011	Confirmed	New Part	MIHAIREP:81205	PART FOR RE		mimi				
3		New Part Request	NPR-000017-2011	Confirmed	New Part	NPART:00141	Npart						
4		New Part Request	NPR-000018-2012	Confirmed	New Part	N21F2-PH-0	FUEL PUMP,B						
5		New Part Request	NPR-000021-2012	Confirmed	New Part	N21F2-091	FUEL PUMP						
6		New Part Request	NPR-000023-2012	Confirmed	New Part	C21183F3-3	FUEL PUMP						
7		New Part Request	NPR-000026-2012	Confirmed	New Part	1EA1E038-A	FUEL PUMP						
8		New Part Request	NPR-000027-2012	Confirmed	New Part	999485B1-8	FUEL PUMP						
9		New Part Request	NPR-000028-2012	Confirmed	New Part	3326A0E4-6	FUEL PUMP						
10		New Part Request	NPR-000030-2012	Confirmed	New Part	44104BB2-8	FUEL PUMP		URGENTLY PROCESS THE	MATERIAL			
				4									•
			Create Part	ts based on Eng. Doc.			Reject Reques	st	(lose Reques	t		
Create	Parts	Information			Initiate Part Master Controlled D	Jata Change		Maintain Alternate P	art Details				
View E	.ng. Do	oc New Part Record			View New Part / Part Attribute C	hange Request		Edit Parts Informatio	n				

Figure 2.3 Processing request for new part record

- 2. In the **Search Criteria** group box, select the **Source Document Type** to specify the type of document that requested the creation of the new part. The source document could be "EO".
- 3. To identify the source document that requested for the new part creation, enter **Source Document #**.
- 4. Enter the **Part #** for which the new part is to be created.
- 5. Select the **Part Type** as "Raw Material", "Component", "Expendable", "Tool", "Consumable", "Kit" or "Miscellaneous", to specify the type of the part under which the new part has to be created.
- 6. Use the **Request Type** and **Request Status** drop-down list box to select the type of request and status of the new part.
- 7. Enter the **Requested By Emp.** to specify the employee requesting the new part.
- 8. Use the **Request Org Unit** drop-down list box to select the organizational unit that has requested for the creation of the new part
- 9. Click the **Search** pushbutton to retrieve the search results.
- 10. The system displays the Suggested Part #, Existing Part #, MCR Part #, Part Type, Source Document Type, Source **Document#**, **Revision#** and the **Requesting Organization Unit** in the multiline.
- 11. Click the **Create Parts Based on EO** pushbutton to create the new part numbers as requested by the engineering order.

To proceed further,

- Select the Create Parts Information link to define the new part details manually.
- Select the Initiate Part Master Controlled Data Change link to change the part master controlled data.
- Select the **Maintain Alternate Part Details** link to update the alternate part numbers of the selected part.
- Select the View EO New Part Record Request link to view the requirements raised by EO for the selected part.
- Select the View New Part/ Part Attribute Change Request link to view the new part / part attribute change request details.
- Select the **Edit Parts Information** link to modify the part details.

2.2 SETTING MASTERS

2.2.1 SETTING OPTIONS FOR PART ADMINISTRATION

You can set standards for the system to follow during a transaction. The standards, which are already set up by the system, can be modified as per your requirements.

1. Select **Set Options** under **Part Administration** business component. The **Set Options** page appears. *See Figure 2.4*.

★ ■ Set Options	과 ♂ 틈 댜 ← ? ቩ K
	Date Format dd/mm/yyyy
Parameter Details	
Allow Zero Standard Cost	
Check pending Requests while creating New Parts Y	′es 🔻
Default Valuation Method	\blacksquare
Default Part Account Group	v
Applicable Valuation Methods	ll ▼
Part to Preferred Supplier Mapping	lot Required 💌
Enforce Part Source 'Make' item as PMA Part	'es 🔻
Primary Part Group Details	
Primary Part Group Mandatory? Y	'es 💌
Applicable Purposes 🛛 🕅 Product I	Line Pricing Taxes and Charges
Capabilit	ty Definition 🕅 VAT
Set Opt	tions
Record Statistics	
Last Modified by GXAVIER	Last Modified Date 07/11/2011 12:00:00 AM

Figure 2.4 Setting options

- 2. In the **Parameter Details** group box select the **Allow Zero Standard Cost** as "Yes" to allow zero as the standard cost.
- 3. Set **Check pending Requests while creating New Parts** drop-down box to "Yes" to check the pending requests for the parts while creating the new parts.
- 4. Use the **Default Valuation Methods** drop-down list box to specify the default valuation method for parts. The system displays the following values: LIFO", "FIFO", "Weighted Average", "Standard Cost" and "Actual Cost".
- 5. Use the **Default Part Account Group** drop-down list box to specify the default part account group for parts.
- 6. Select the **Applicable Valuation Methods as** "All" or "Default" to indicate the valuation methods applicable to parts at the time of recording planning details in the Maintain Planning Information activity.
- 7. Use the **Part to Preferred Supplier Mapping** drop-down list box to indicate whether the system must automatically map the part to the preferred supplier after the purchase information for the part is defined. The system displays the following values: "Required" and "Not Required".
- 8. Indicate whether the system must automatically map the part to the preferred supplier after the purchase information for the part is defined using the **Part to Preferred Supplier Mapping** drop-down list box.
- 9. Use the **Enforce Part Source 'Make' item as PMA Part** drop-down list box and select the option "Yes" if you wish to define the parts of source 'Make" as PMA part.
- 10. In the **"Primary Part Group Details** group box select the **Primary Part Group Mandatory?** as "Yes" or "No" to indicate whether primary part group for parts is mandatory select.
- 11. Check the values under **Applicable Purposes** such as **Product Line**, **Pricing**, **Taxes and Charges**, **Capability Definition** and **VAT**. Select the check box to include the active part groups mapped to this purpose to be listed in the Primary Part Group drop-down list box.
 - Note: Ensure that at least one applicable purpose is specified if you have selected "Yes" in the "Primary Part Group Mandatory?" field.
- 12. Click **Set Options** pushbutton to set the options.

2.2.2 DEFINING THE QUICK CODES

What are quick codes?

Quick Codes are user-defined values, used to categorize a set of details of identified behavior. These quick codes are later used in the process of retrieving or addressing the details by referring to the quick code attached with the set of details. The quick codes created must be unique for the organization unit.

You can define the quick code values for the different quick code types. These values are used in all the other part administration activities. The quick code types such as the "Part category" is predefined in the system. Values can be defined for the quick code types. For example, the quick code type "Part Category" can contain quick codes like "All Oils", "Part Source" etc.

1. Select Create Quick Codes in Part Administration business component. The Create Quick Code page appears. See Figure 2.5.

*	Crea	ate Quick Code					II 7\$		+ '	? 🗔 🖪
	Quick Code	Qu Details	uick Code Type Part Ca	tegory Description of						
44	• <u>1</u> -	2/2 🕨 🕨 🕇 🗗 🌣	Q: T T,	quick code		🗧 💷 🛛 All		T		Q
#	🖾 Quid	ck Code	Description							
1	E 'W		Line Maintenance							
2	🖾 ЕМ		Engine Maintenance							
3										
		A unique identi	ifier for							
-		the quick code	type							
_					Create Quick Code	 				

Figure 2.5 Creating quick codes

- 2. Select **Quick Code Type** as "Part Category", "Service Category", "Conversion Category", "Request Category", "Request Priority" or "User Status" for which the quick codes have to be defined.
- 3. In the Quick Code Details multiline, enter the Quick Code, which is the unique identifier for the quick code.
- 4. Enter the **Description** of the quick code.
- 5. Click the **Create Quick Code** pushbutton to create the quick codes. The status of the newly created quick code is set to "Active".

2.2.3 CREATING ATTRIBUTES

Attributes are the specific characteristics or traits of a part, which are useful in analyzing the quality of a part. Each part defined in the inventory flows through different processes in the organization.

A part can be associated with number of attributes and these attributes can be recorded during different transactions. During part procurement, these attributes along with the values can be communicated to the supplier so that, at the time of receipt it can be ensured that the part has been delivered with the correct quality characteristics.

1. Select **Create Attributes** under **Attribute Definition** business component. The **Create Attributes** page appears. *See Figure 2.6*.

	Crea	te Attributes					 :/:	ē	₽	+	?	ō K
	ttrib	ute Information			_							
	4	1 - 2 / 2 + ++ - 0] ★ O O T T,				-		r		-	Q
#		Attribute Code	Attribute Description	Attribute Type		Q MOU						
1		OIL COLOR	Oil Color	Qualitative	v	12						
2		*		Quantitative	*	66						
3				Quantitative	*							
				Create Attributes								

Figure 2.6 Creating Attributes

- 2. Enter **Attribute Code** to specify the unique code that identifies the attribute. This code could be a combination of digits and characters.
- 3. Enter Attribute Description.
- 4. Select the **Attribute Type** as "Qualitative" or "Quantitative".
- 5. For an attribute of type "Quantitative", enter the **UOM**.
- 6. Click the **Create Attributes** pushbutton to create the attributes.

> Note: The system creates the attributes and sets the status of the attribute as "Active".

2.2.4 DEFINING SOURCE TYPES

You can define the different sources from which a part can be obtained. These sources either manufacture or supply the same part but may have different part number or may have different part description. A part could be obtained from sources such as "Manufacturer", "Supplier", "Industry", "Competitor" or "Others".

- 1. Select the **Define Source Type** under the **Part Administration** business component. The **Define Source Type** page appears. *See Figure 2.7.*
- 2. In the **Source Type Details** multiline enter the **Source Type** as "Manufacturer", "Supplier", "Customer", "Industry", "Competitor" and "Others".
- 3. Click the **Define Source Type** pushbutton to add the details of the source types entered in the multiline.

\star	1	Define Source Type								i 🔶 '	?	ō K
-	Date Format yyy-dd-mm											
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#		Source Type	Created by	Created Date								
1		Customer	System	2006-11-09								
2		Manufacturer	System	2006-11-09								
3		Others	System	2006-11-09								
4		OWN	9586	2011-16-07								
5		Supplier	System	2006-11-09								
6												
_												
				Define Source Type								

Figure 2.7 Defining source type

2.2.5 SETTING OPTIONS FOR PART ACCOUNT GROUP

You can set the default options for the various fields in the activities of the Account Group business component. You can also modify the options that are already defined.

- 1. Select Set Options under Account Group business component. The Set Options page appears. See Figure 2.8.
- 2. Set **ş** as "Allowed" in the **Editing Options For Finance Information** group box, to allow the modification of the account group in the **Part Administration** business component. Select "Not Allowed" if you wish to disallow the modification of account group.
- 3. Set **Account Group of Activated Part** as "Allowed" to allow the modification of the account group of activated parts. Select "Not Allowed" if you wish to disallow the modification of account group for activated parts.
- 4. Set **Account Group in Supplier Master** as "Allowed" to allow the modification of the account group in the "Supplier" business component. Select "Not Allowed" if you wish to disallow the modification of account group in the "Supplier" business component.
- 5. Set **Account Group of In-use Supplier** as "Allowed" to allow the modification of the account group of in-use supplier.
- 6. Set **Finance Book for Warehouse** as "Allowed" to allow the modification of the finance book for the warehouse. Select "Not Allowed" if you wish to disallow the modification of the finance book.

- 7. Set **Account Group in Customer Master** as "Allowed" to allow the modification of the account group in the "Customer" business component. Select "Not Allowed" if you wish to disallow the modification.
- 8. Set **Account Group of Activated Customer** as "Allowed" to allow the modification of the account group of activated customer. Select "Not Allowed" if you wish to disallow the modification.

*		Set	t Options										7\$		+	? 🕼
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	Edit	ing Op	ptions for Finance	Information												
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					Account (Group in Supplier master	Allowed	Ŧ								
					Account	Group of In-use Supplier	Allowed	Ŧ								
					Fina	nce Book for Warehouse	Not Allowed	T								
					Account Gr	oup in Customer master	Allowed	Ŧ								
					Account Grou	p of activated Customer	Allowed	Ŧ								
					Report Consumptio	n after Main Core return	Yes 🔻									
-	- Fina	nce Po	osting Options Fo	r Resource Type												
				Finance Postings Required For:	Skill	V	Tools		🔽 Equi	oment		V Ot	hers			
-	Ana	lysis P	osting Options —		_							_				
					Analysis Accounting for	Aircraft Based Expenses	No 💌									
-	Asse	et Map	pping Options —													
				Enforce Object to Asset Mapping For:	Aircraft		Component		Facility							
-	Acce	ountin	ng Process Parame	eters												
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#	E	Pro	rocess Parameter		Permitted Values			Value		Status		Error Message				
1	1	Co	ost Center Basis for F	Resource Adjustment - Base CC not ava	Enter '0' for Task Work Cente	er and '1' for Debit Cost Ce	enter		1	Defined						
2	1	WI	IP Policy for Aircraft	Maintenance - Internal	Enter '0' for Maint.Consumpt	ion, '1' for Maint.Suspense			0	Defined						
3	1	Inc	cidence of Cost book	king for Shop Maintenance – External	Enter '0' for Task closure, '1'	for Root work order closu	re		1	Defined						
4	1	Inc	cidence of Cost bool	king for Shop Maintenance – Internal	Enter '0' for Task closure, '1'	for Root work order closu	re		0	Defined						
5	1	Co	ost Center Basis for F	Resource Adjustment	Enter '0' for Task Work Center	er, '1' for Work Order CCR	D and '2' for Base		2	Defined						
6	6 Cost and Revenue Accruals for Completed Root Work Orders			ruals for Completed Root Work Orders	Enter '1' for Completed Root Work Orders					Not Defined						
			Orders	e Accruais for Completed Root Work		Set 0	Intions									
_						5800	puono									
-	Rec	ord Sta	atistics													
				Last Modified by DMUSER					Last 1	1odified Date 2	016-17-03					

Figure 2.8 Setting options for part account group

- 9. Set **Report Consumption after Main Core Return** as "Yes" to carry out financial postings for spares being returned along with the main core part. Select "No" to carry out financial postings for main core part only.
- 10. Check the appropriate box in the **Finance Posting Options** group box to specify if the finance posting is required for "Skill", "Tools"," Equipment" and "Others". Select the appropriate box in the **Analysis Posting Options** group box to specify if **Analysis Accounting for Aircraft Based Expenses** is required.
- 11. Check the appropriate box in the **Asset Mapping Options** group box to specify the **Enforce Object to Asset Mapping** for "Aircraft", "Component" and "Facility".
- 12. In the Accounting Process Parameters multiline, enter the Value for the process parameter.
- 13. Click the **Set Options** pushbutton save values.

2.2.6 MAINTAINING PART ACCOUNT GROUP

You can create a part account group and activate or inactivate the part account group at any time.

1. Select Maintain Part Account Group under Account Group business component. The Maintain Part Account Group page appears. *See Figure 2.9.*

18 | Inventory Setup

ra	m	CO

*	D)	Maintain Part Account Group							7		+	?													
	Date Format WW-dd-mm												_												
Search Criteria Part Account Group Account Group Description Search																									
44	•		T _x	Chabura	A III E		All Orto	_	· · ·	4. 50.	J. L	_	2												
#		Part Account Group	Account Group Description	Status		Created by	Created Date		Last		1 DY														
2		Repairables	Reparables	Active	~	DMUSER	2011-07-11		DMUS	ER															
2		Consumables	Consumplie	Active	*	DMUSER	2011-07-11		DHUS	CR CD															
3		TECD	consumable	Active	*	DMUSER	2011-07-11		DMUS	CR CD															
-		TEST	4444	Active	*	DMUSER	2015-12-06		DMUS	CR CD															
6		21212	21212	Active	*	DMUSER	2015-12-00		DMUS	ER															
7	E	PAGG	PAGG	Active		DMUSER	2015-20-09		DMUS	ED															
8	0	1400	1800	Active	· ·	DHOSEN	2013 23 03		DHOS	LIN															
		4											۶.												
				laintain Part Account Groups									-												
Assoc	ate Pa	art Account Group to Parts											Associate Part Account Group to Parts												

Figure 2.9 Maintaining part account group

- 2. Enter the Part Account Group and Account Group Description in the Search Criteria group box.
- 3. Set the **Status** of the part account group as "Active" or "Inactive". Set the status as "Inactive" only when you wish to disable the part account group from future reference in other activities.
- 4. Click the **Search** pushbutton to retrieve the details based on the search criteria. To modify the part account group details,
- 5. Enter the Part Account Group and Account Group Description in the Part Account Group Details multiline.
- 6. Select the **Status** of the part account group as "Active" or "Inactive".
- 7. Click the Maintain Part Account Groups pushbutton to update the modified details.

To provide further details,

• Select the Associate Part Account Group to Parts link to associate parts to part account group.

2.2.7 ASSOCIATING PARTS TO ACCOUNT GROUP

You can associate a part to a part account group that is already defined.

1. Select Associate Parts to Account Group under Account Group business component. The Associate Parts page appears. See Figure 2.10.

*	D,	Associate Parts						≣ ≭	Ē	₽ 4	+ ?		ĸ
-	Searc	Criteria											-
			Part #	35895		Reference Status		•					- 1
			Part Description			Part Type	· · · · · · · · · · · · · · · · · · ·						- 1
			Part Account Group			Associated?	•						- 1
			Part Group		v	Part Category	T						- 1
					Search								- 1
	Searc	1 Results											
	4	1 - 1 / 1 🕨 👐 🕒	+ 0 0 C T T.				II All		•		_	Q	
#		Part #	Part Description	Part Type	Part Account Group	Account Group Description		Issue Basis				Εxφ	
1		:35895	EXPRESS U.S.RATE SH EET	Consumable	Consumables	✓ Consumable		Non-Return	able			Rev	
2						*							
		4											
												,	
	Associ	ate all selected parts	to Account Group										
			🕅 Sele	ect All		Part Account Group	T						
					Associate Parts								. 1
													*



- 2. Enter the **Part #** and/or other search criteria in the **Search Criteria** group box.
- 3. Click the **Search** pushbutton to retrieve the details.

Modifying the already associated part and part account group details

4. Select the **Part Account Group** to which the parts displayed in the multiline, is to be associated.

Associating all selected parts to account group

- 5. Check the Select All box to select all the parts listed in the multiline to associate with a part account group.
- 6. Select the **Part Account Group** to which all the parts must be associated.
- 7. Click the **Associate Parts** pushbutton to associate the parts.
 - Note: The part account group associated to an active part can be modified, only if the "Account Group of Activated Part" option is set as "Allowed" in the "Set Options" activity

2.2.8 MANAGING REFERENCE COST FOR PART CONDITION

You can specify the cost of the part based on the condition of the part. Only parts for which "Adjust Actual cost" is set as "Condition based" can be defined in Cost valuation.

The cost of the parts based on the condition can be specified globally for all parts, either by specifying the percent of standard cost for each condition or for each part based on the value of the part.

1. Select Manage Ref. Cost for Part Condition under Account Group business component. The Manage Ref. Cost for Part Condition page appears. *See Figure 2.11.*

\star	D	Manage Ref. Co	ost for Part Condition					▤ ≭ 膏 ♬ ←	? 🗔 (
							Date Format yyyy-dd	-mm	
5	tan	dard % Basis Pa	art Level Ref. Cost						
4	4	1 - 5 / 5 🕨 🕨	+ 0 0 T T,				i 🖶 🔟 🛛 All	T	Q
#		Condition	% of Standard Cost	Effective From Date	Created by	Created Date	Last Modified by	Last Modified Date	
1		New	100	2011-11-11	SCHELLAMUTHU	2011-11-11	SCHELLAMUTHU	2011-11-11	
2		Overhauled	70	2011-11-11	SCHELLAMUTHU	2011-11-11	SCHELLAMUTHU	2011-11-11	
3		Serviceable	43	2011-11-11	SCHELLAMUTHU	2011-11-11	SCHELLAMUTHU	2011-11-11	
4		Unserviceable	25	2011-11-11	SCHELLAMUTHU	2011-11-11	SCHELLAMUTHU	2011-11-11	
5		Phased-Out	1	2011-11-11	SCHELLAMUTHU	2011-11-11	SCHELLAMUTHU	2011-11-11	
		4							•
-									
					Save				
-									

Figure 2.11 Managing reference cost for part condition

- 2. In the Standard % Basis tab, specify the % of Standard Cost based on the condition of the part.
- 3. Click the **Save** pushbutton to save the reference cost details.
- 4. In the **Part Level Ref. Cost** tab, enter the fields in the **Search Criteria** group box to search for a part for which part level reference cost is defined. *See Figure 2.12.*

20 | Inventory Setup

D	Ma	anag	je Ref. Cost for Part Condit	ion						24	⊢?⊡
								Dat	e Format yyyy-dd-mm		
	- Se	aard earch	% Basis Part Level Ref. Cost Criteria								
			Searc	h On Part Type 🔻 00	Com	ponent		Effective From Date		****	
Get Details											
			Effective	From Date 2016-22-03				Base Currency CAD			
	- Pa	art Le	evel Ref. Cost								
1			1 - 5 / 5 > >> + -	∻ Φ Φ ▼ ▼ ,] 🏧 📽 👎 🗰 🛛 Al		•	Q
*			Part # 🔎	Standard Cost	New	Overhauled	Serviceable	Unserviceable	Phased Out	Part Desc	
1			0-9700-0-3927:36361	183.9	0 183.90	128.73	79.07	45.97	1.83	OUT 6-7 0.0001 MICF	ROMETER
2			0-9700-0-3846:36361	190.0	0 190.00	133.00	81.70	47.50	1.90	AIR MARKING PEN EN	NGRAVER
3			0-1:09058	99.0	0 99.00	69.30	42.57	24.75	0.99	0-1" OUTSIDE MICRO	METER
4		13	N21F2-90-R-1	1000.0	0 30.00	21.00	12.90	7.50	0.30	FUEL PUMP	
5		13	0-9700-0-3927:36361	183.9	0 183.90	128.73	79.07	45.97	1.83	OUT 6-7 0.0001 MICF	ROMETER
6											
			4								•
			Get Default Cost								
-											
						Save					
-											

Figure 2.12 Managing reference cost for part condition

- 5. Click the Get Details pushbutton to display the search results.
- 6. Select the **Effective From Date** from when the percentile value of the standard cost for a part condition is applicable.
- 7. Enter **Part #** for which the user wants to specify the cost value based on condition of the part.
- 8. Select one or more records and click the **Get Default Cost** pushbutton to retrieve the following part details.
- 9. Modify the fields in the Part Level Ref. Cost multiline, if required, which is computed by using the Percentage of Std cost for each condition as defined in the **Standard % Basis** tab.
- 10. Click the **Save** pushbutton to save the details.

2.2.9 MAINTAINING OVERHEAD RATES FOR LABOR COSTING

You can define user to define overheads and additional overheads that can be applied on the Base Rate. This Base Rate will be derived from the option set in the **Set options** screen in the **Account Group** business component. This activity provides the ability to compute labor cost based on Employee Base Rate and additional overhead costs. You can define additional overhead rates which are varying at department level or corporate level.

1. Select Maintain Overhead Rates for Labor Costing under Account Group business component. The Maintain Overhead Rates for Labor Costing page appears. *See Figure 2.13.*

*	D) I	Maintain Overhead Rat	es for Labor Co	sting									F (
	arch	Base Rate for Labor (Costing HRMS Base I	late			Overhead % E	lasis Home Cost Center					
		Search on Cost	Center	▼ ALL		•	Effective on 15/1	2/2015 🗰		Overhead Type ALL		Ŧ	
		and Destand					Search						
	/erne	Effective from Date											
44	•	1 -3/3 > >> + -	0 % T T.						: # # W	All	T		Q
#		Description	Overhead Typ	2	Overhead %	Effective from	Effective to	Created by		Created Date	Last Modified by		
1		1200	✓ Factory OH	*	10.00	01/01/2015		DMUSER		09/11/2015			
2		1200	✓ Corporate OH	*	15.00	01/01/2015		DMUSER		09/11/2015			
3		1200	✓ Manufacturing	он 🗸	8.87	01/01/2015		DMUSER		09/11/2015	DMUSER		
4			*	*									
		<										>	
							Save						

Figure 2.13 Maintaining overhead rates for labor costing

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- 2. Specify the Search Criteria.
- 3. Click the **Search** pushbutton.
- 4. Enter the Effective from Date of the Overhead rate in the Overhead Rates section.
- 5. In the multiline, select the **Description** based on Overhead Rates at Home Department or Home Cost Center.
- 6. Select the **Overhead Type** for labor costing.
- 7. Enter the **Overhead %** for labor costing.
- 8. Click the **Save** pushbutton to save the overhead rate details.

2.2.10 MAINTAINING EMPLOYEE RATE INFORMATION

You can record the Normal Rate and Overtime rate at an employee level along with the cost center, analysis code and sub analysis code.

1. Select Maintain Employee Rate Information under Account Group business component. The Maintain Employee Rate Information page appears. *See Figure 2.14.*

? >	Inve	ntory Setup 🔰	Account Group 🔰	Maintain Employ	ee Rate Information	·							
*	D)	Maintain Empl	oyee Rate Inform	nation						겨 좀 다	+	? 🗔	I
	arch	Criteria											
			Emplo	yee Code				Employee	Name				
			Effe	tive Date	1 <u>m1</u> -			Additional	earch Employee Type 🔻				
						S	earch						
Empl	oyee	Rate Details											
44	4	1 -9/9	» + - O	≪ T T x			. .		t↓ ≫ All	•		Q	
#		Emp. Code 👂	Emp. Name	Emp. Type	Job Title	Lab. Cost Category		Normal Rate(Per Hr.)	Overtime Rate(Per Hr.)		Eff. D	ate From	
1		A000008	Kaushik, Rishnu		CM ANALYST		~	34.00		12.00	04-12	-2017	
2		A000008	Kaushik, Rishnu		CM ANALYST	ABCDEFGHIJKLMNOPQRST	*	34.00		12.00	04-12	-2017	
3		00001421	NIGHTINGALE,		нм	ABC	*	13.00		32.00	01-12	-2018	
4		00001613	DEMERS, ALAIN		CM MECHANIC_13		~	13.00		23.00	01-12	-2018	
5		00001449	PALMA, BRANDO		нм		*	13.00		15.00	19-12	-2018	
6		00001413	RAM, RICHARD		нм		~	40.00		5.00	01-01	-2018	
7		00001421	NIGHTINGALE,		HM		~	20.00		10.00	01-08	-2018	
8		00000011	user, Dm		Engineering		*	12.00		13.00	01-01	-2018	
9		00041383	SENECHAL,		SC MANAGER		~	100,000.00		200,000.00	01-01	-2018	
10							*						
		<										>	
							Favo						
							Save						

Figure 2.14 Maintaining Employee Rate Information

- 2. Specify the **Search Criteria** and click the **Search** pushbutton.
- 3. Enter the Emp. Code to record the employee details in the Employee Rate Details multiline.
- 4. Select the Lab. Cost Category to specify the labour cost category.
- 5. Enter the Normal Rate(Per Hr.) and Overtime Rate(Per Hr.) of the employee.
- 6. Enter the Eff. Date From and Eff. Date To of the Employee Rate Details.
- 7. Enter the Cost Center, Analysis Code and Sub Analysis Code of the Employee Rate Details.
- 8. Click the **Save** pushbutton to record the employee rate details of the employee.

2.3 CREATING AND ACTIVATING PARTS INFORMATION

A part is unique in an organization and all the information related to the planning requirement, purchase, sales and maintenance of the part is also specific to the organization unit. You can create a new part and incorporate all the main information pertaining to the part. While creating the part, you can also set the status of the part to "Under creation" or "Active".

- 1. Select Create Part Main Information under Part Administration business component. The Create Part Main Information page appears. *See Figure 2.15*.
- 2. Enter the **Part #** to specify the unique number identifying the part. This number can also be generated automatically by checking the **Generate Part #** box.
- 3. Select the **Reference Status** as "Under Creation" or "Active", to set the reference status of the part.
- 4. Enter the **Part Description.**
- 5. Select the **Part Type** as "Raw Material", "Expendable", "Component", "Tool", "Consumable", "Kit" and "Miscellaneous".
- 6. Select the **Part Category**.
- 7. Check the **Generate Part #** box to automatically generate the part number. If the part number is being generated automatically, enter the **Numbering Type**.
- 8. Select the **Main Details** tab.
- 9. Enter the **Manufacturer Part #** and **Manufacturer #** in the **OEM Details** group box to specify the part number given by the manufacturer.
 - Note: For parts of type "Component", either "CAGE#" or "NSCM#" must be entered.
- 10. Select the **SI No Logic** as "Automatic Generation" or "Manufacturer SI Number", in the **Serial/Lot Details** group box to specify the method for generating the part serial number.
 - Note: The "SI No Logic" must be set as "Automatic Generation" for a part, which is serial numbercontrolled and for which "SI No Type" is selected.
 - 🔉 Note: This field must be left blank if the part is not serial number-controlled.
- 11. For a part of type "Component", check the **SI No Controlled** box in the Serial/Lot **Details** group box, to generate the serial numbers for the part.
- 12. For a part, which is serial number, controlled and automatically generated by the system, select the **SI No Type Num**, to specify the numbering type.
 - Note: This field must not be left blank, if the part is serial number controlled and when the "Sl. No. Logic" field is set to "Automatic Generation"
 - > Note: This field must be left blank if the part is not serial number-controlled.
- 13. Check the **Lot No Controlled** box, to specify the lot numbers for the part and select the **Lot No Type Num**, to specify the numbering type for the lot number.
- 14. Enter the **Standard Cost** of the part in the Base **Details** group box. The standard cost must be greater than zero. The standard cost of the part is required for valuation of the part.
- 15. The system displays the **Base Currency** of the login organization unit in the "Base Details" group box.
- 16. Select the **Planning Type** as "Reorder Level", "Min-Max", or "None", to select the method by which part requirement is planned.
- Reorder Level indicates that the purchase activity is automatically initiated by the system, when the stock level falls below the fixed reorder quantity

- ▶ Min Max indicates that a purchase activity is automatically initiated by the system, whenever the stock on hand falls below the minimum level
- None indicates that no specific method is followed for part requirement planning. The system displays "None" by default
 - Note: Ensure that the planning type is set to "None", when the prime part number is different from the "Part #" specified in the "Part Identification Details" group box. This infers that the part is not a prime part.
 - Note: You can set the planning type as "None" for prime parts of any part type.
 - 17. Select the **Expense Type** as "Capital" or "Revenue", to specify the type of expense incurred while purchasing the part.
 - 🎘 Note: The minimum shelf life must be less than or equal to the designed shelf life.
 - > Note: The alert value must be less than or equal to the minimum shelf life.
 - 18. Enter **Stock UOM**, to specify the unit of measurement of the part that is stocked.
 - 19. Select the **Issue Basis** as "Returnable", "Non-Returnable" or "Core-Returnable", to specify the basis on which a part is issued.
- Returnable Select this option to indicate that the part is returnable after issue.
- Core returnable Select this option to indicate that the part is of type "Component" that must be returnable.
- Non-Returnable Select this option to indicate that the part is non-returnable after issue.
 - 20. Enter the **Part Account Group** for a part in "Active" reference status, to specify the account group to which the part is associated with.
 - 21. Select the **Primary Part Group** for a part in "Active" reference status, to specify the part group to which the part is associated with.
 - 22. Select the unit shelf life of a part in the **Shelf Life Unit** drop-down box to select the unit shelf life of a part as "Years", "Months", "Weeks", "Days" or "None". The option "None" can be selected only for the parts that are neither serial controlled nor lot controlled.
 - 23. Enter **Designed Shelf Life** and **Minimum Shelf Life**, to specify the period for which a part can be maintained in the shelf without getting deteriorated. The minimum shelf life should be less than or equal to the designed shelf life.
 - 24. Enter **Alert Value**, to specify the minimum shelf life of the part when it is approaching expiry. The alert value should be greater than zero and less than or equal to minimum shelf life.
 - 25. Select the **Shelf Life Extendable** drop-down box to indicate if the shelf life of the part can be prolonged. Select "Yes" to allow extension of shelf life and "No" to disallow extending the shelf life.
 - Note: Ensure that the Shelf Life Unit and Designed Shelf Life are selected if Shelf Life Extendable? is set as "Yes".
 - 26. Enter the User Defined Details, Primary Aircraft Model # and Remarks pertaining to the part creation in the Other **Details** group box.

24 | Inventory Setup

★ 📋 Create Part Main Information			≭ ☶ 흠 ♬ ← ? ☞
Part Identification Details			
Part #	Part101	Reference Sta	Under Creation
Part Description	Heavy machinery	Key W	ord
Part Type	Expendable 🔻	Part Categ	COMMON V
	Generate Part #	Numbering Type	9
Main Details Supplementary Details			
Mfr. Dart #	1000 15016	Mfr # O	
Manufacturer Manual	1000:1E516	PHL # #	
Manutacturer Name		SPEC 2000 Code	
CAGE #		NSCM #	
SPEC 2000 Part #			
Serial / LUC Details			
Senai # Logic	Automatic Generation	CI No. Toron Morrow	
		Si No Type Num	SL 👻
- Basic Details	Lot No Controlled	Lot No Type Num	LOT
Standard Cost		Currency	CAD
Planning Type	Decorder Laurel	Evnence Type	Barranua 🗶
Eteck HOM	Reorder Level	Teruo Pacie	
Stock oon p		LSSUC DUSIS	Non-Returnable
Part Account Group 👂		Primary Part Group	v
Non-Stockable	No 💌		
Shelf Life Details			
Shelf Life Unit	Years 💌	Designed Shelf Life	10.00
Minimum Shelf Life		Alert Value	8.00 ×
Shelf Life Extendable?	No 💌		
Other Details			
NSN		Primarv Aircraft Model #	٩
User Defined Detail - 1		User Defined Detai	-2
Demarke			^
- Attachments			
File Name 👂	View File		
		Create Main Information	
Maintain Kit Composition	Maintain Maintenance Infon	mation Edit Part Informa	tion
maman Aucmate Part Nos	Maintain UCM Conversion	Maintain Planning Maintain Planning	internation
Associate Part Groups	Upload Documents	Maintain Referen	il co
	opiou occandito		
View Eng. Doc Parts	View Associated Doc. Attac	hments	

Figure 2.15 Creating parts main information

- 27. Click the **Create Main Information** pushbutton to save the part information .The system updates the status of the part to "Active" or "Under Creation", depending upon the reference status that is selected.
 - Note: The system updates the prime part number to the "Interchangeable Part #" field in the "Maintain Alternate Part Nos" activity of the current business component.

2.3.1 UPDATING ALTERNATE PART INFORMATION

1. Select the Maintain Alternate Part Nos link in the Create Part Main Information page. The Maintain Alternate Parts Nos page appears. *See Figure 2.16.*

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A > Inventory Setup > Part Adminis	tration > Maintain Alternate	Part Nos			
★ 🗏 Maintain Alternate Part N	Nos		4 6 7 8 9 10 	RAMCO OU-ramco role 🔻	여 윤 후 수 ? 🗔
Part Information					
Part # :35895_NONE_R1	Part Desc	ription :35895_None_R1	Reference Status A	ctive	
Prime? Yes		Type Consumable	Part Planning Group H	IAECO_ITM12	IC Key
Direct Alternate Part Details					
🔲 🔨 Found no rows to display!!! 🕨 🕨	+ - 🗆 🗶 🌣 🖉 🍸 🛛	/ 🖌 🗏 🗟 🗹 🖂	🖹 🍽 🗳 🗶 🐺 🗰 🖬 🞋 %	All	Search Q
# 📃 Interchangeable Part #	,O Descri	ption Interchangea	bility Rules	Order of Preference	Remarks
1	ΞŦ	One Way	~		
					۱.
View File	Upload Documents for Dire	ct Alternates View	Associated Doc. Attachments for Direct Alte	ernates Manage Recommended	Spare Parts List
Conditional Alternate Part Details					
🔲 🖣 Found no rows to display!!! 🕨 🕨	+-0%\$\$	/ 🖌 🗏 🗟 🖹 🖂	🖹 🎽 📽 🐹 🐺 🗰 🖬 👫 %	All	Search Q
# Alternate Part #	D Prime?	PMA? Part Type	Part Planning Group	IC Key	File Name 🔎
1	EV				
	4				۱.
View File	Upload Documents for Condition	nal Alternates View Asso	ciated Doc. Attachments for Conditional Alt	ternates Manage Recommender	d Spare Parts List
Get Part Details		Update Alternate F	Part Nos		

Figure 2.16 Updating alternate part numbers

Specifying Direct Alternate parts

- 2. Enter the **Interchangeable Part#** in the **Direct Alternate Part No Details** multiline, to identify the part number which can replace the reference part number.
 - Note: Ensure that the interchangeable part number and the part number displayed in the "Part Information" group box, belongs to the same part type.
- 3. Click the Get Part Details pushbutton to retrieve the part details.
- 4. Enter the Mfr Part # provided by the manufacturer and press the "Enter" key for the system to retrieve the details.
 - Note: The part type of both the referenced part and the alternate part must be the same. Additionally, ensure that the part control type of the referenced part is the same as the alternate part. This means if the part controls type of the referenced part is set to lot controlled or serial controlled or none-controlled; the part control type of the alternate part must also be the same.
- 5. Select the **Interchangeability Rules** as "One Way" or "Two Way", to specify the method by which the parts can be replaced for the reference part.
 - Note: If the interchangeability rule is set as "One Way", ensure that the specified interchangeable part number is not the prime part of the "Part #" in the "Part Information" group box.
- 6. Enter the **Order Of Preference**, to specify the order in which the part numbers can be interchanged.
- 7. Enter **Remarks** for the alternate part.
- 8. Specify File Name to associate a document with the alternate part number.

Specifying Conditional Alternate parts

- 9. Enter the **Alternate Part #** in the **Conditional Alternate Part No Details** multiline, to identify the part number, which can be fitted in place of the reference part number.
 - Note: if the reference part number is not available (Alphanumeric, 40). This part number cannot be the same as the part number displayed in the "Part Information" group box.

- Note: Ensure that the alternate part number and the part number displayed in the "Part Information" group box belong to the same part type.
- >> Note: The reference status of the specified alternate part # must be "Active" or "Under creation".
- 10. Click the **Get Part Details** pushbutton to retrieve the part details.
- 11. Enter the **Mfr Part #** provided by the manufacturer and press the "Enter" key for the system to retrieve the details.
 - Note: The part type of both the referenced part and the alternate part must be the same. Additionally ensure that the part control type of the reference part is the same as the alternate part. This means if the part control type of the referenced part is set to lot controlled or serial controlled or none-controlled, the part control type of the alternate part must be the same.
- 12. Select the **Interchangeability Rules** as "One Way" or "Two Way" to specify the method in which the part can be alternated for the reference part.
- "One Way"- indicates that the alternate part can substitute the reference part, but the vice versa is not allowed.
- "Two Way" indicates that the alternate part and the reference part are interchangeable, that is, they can be substituted for each other.
 - Note: The part # shown in the "Part Information group box at the top of the page is referred to as the reference part
 - 13. Select the **Alternate Type** to specify the alternate type of the part. The system displays the following values: "Conditional Alternate" and "Customer Specific".
 - 14. Enter the **Alternate Part Condition** to specify the circumstance in which you can use the alternate part as a substitute for the referenced part.
 - Note: Ensure that this field is entered, if you have selected "Conditional Alternate" in the Alternate Type field.
 - 15. Enter the **Customer #** which is the identification number of the customer. It should be active and valid customer #.

🔌 Note: Ensure that this field is entered, if you have selected "Customer Specific" in the Alternate Type field.

- 16. Enter the name of the specified customer in **Customer Name**.
- 17. Enter the **Customer Part #** which is the identification number of the part as specified by the customer.
 - Note: If the "Alternate Type is specified as Customer Specific & if no value has been specified in Customer Part # field, then Customer Part # as defined for the Alternate Part # would be displayed on page refresh. If new Customer Part # has been specified for the Alternate Part #, then it will be back updated in the Customer Part Master List & Other Part No's Details (with Source Type as Customer).
 - Note: If' the "Alternate Type" is specified as Customer Specific, the alternate part # and customer # combination must be unique. Similarly, if Conditional Alternate is selected as the alternate type, the alternate part # alternate type combination must be unique.
- 18. Enter the **Order Of Preference** to specify the precedence accorded to the interchangeable part numbers (Alphanumeric, 6).
 - Note: The reference part number will be alternated based on this precedence. The order of preference must be unique across organization units.
 - Note: If the Order of Preferences is provided then the preference is based on the ascendance rule, i.e. 1 will be given the highest preference. The value specified must be greater than zero. The value must be unique which means no two parts can have the same order of preference.
- 19. Enter **Remarks** for the conditional alternate part.
- 20. Specify File Name to associate a document with the alternate part number.

To proceed

- Select a multiline record and then click the following links:
- Select the View File Name link to view the contents of the file specified in the "File Name" column of the multiline.
- Select the Upload Documents for Conditional Alternates link to upload documents associated with the part in the multiline to the "Object Attachments" repository.
- Select the View Associated Doc. Attachments link to view the documents associated with the part in the multiline from the "Object Attachments" repository.

Saving alternate definition of parts

• Select the parts from the multiline and then click the **Update Alternate Part Nos** pushbutton to update the conditional alternate part information.

2.3.2 UPDATING KIT COMPOSITION DETAILS FOR A PART

You can enter the kit composition details for a newly created part. A kit is usually made up of parts, with valid part numbers, existing in the inventory. A kit comprises a collection of unique part numbers.

- 1. Select the Maintain Kit Composition link in the Create Part Main Information page. The Maintain Kit Composition page appears. See Figure 2.17.
- 2. Enter the **Part #, Mfr Part #** and **Mfr #** in the **Kit Composition Details** multiline, to identify the part which constitutes the kit.
- 3. Enter the **Quantity** of the part for constituting the kit. This value should be greater than zero.
- 4. Enter the **Standard Cost, Alternate Allowed, Minimum Qty** and **Remarks** regarding the composition of the kit.
- 5. Click the Maintain Kit Composition pushbutton to update the kit composition details.

*	0	Maintain Ki	t Composition						=		: 8	4	+	? 🗔
-	Kit I	nformation												
				Part #	KIT ST R KIT ST	F R		Reference Statu	s Active					
			Mfr. F	Part #				Mfr. #						
			Part 0	Category	CSC			Part Control Type	Serial Controlled					
			Ha	azmat ID				Currency	CAD					
			La	bor Cost	234.00			Total Cost	6933.00					
-	Kit O	perations												
			Track Const	tituents?				Issue incomplete kit?						
				Build				Break	< 🔽					
				Remarks										
-	Kit C	omposition Deta	ils											
44	•	1 - 7 / 7 🕨		9 G T	T Tx				III AII		T			Q
#	10	Part # 🔎	Mfr. Part # 🔎	Mfr. # .	P Part Description	Quantity	Stock UOM	Standard Cost Alternate A	llowed?	Minia	mum Q	ty		Remarks
1	E	04689:P2783	04689	P2783	RPM (AMMTR) METER	3.00	EA	345.00 Yes	~				1.00	
2	E	171-N1 TEST			Test	2.00	B	234.00 Yes	~				2.00	
3	E	3-12:M59071			Test	3.00	EA	232.00 Yes	· · ·				2.00	
4	E	113N2813-1:			TEST	4.00	EA		its of				2.00	
5	E	171-L1 LOT KIT	-		Test	2.00	EA	the part required	for v				2.00	
6	E	3-12LBS:4373.			Test	4.00	EA	the part, required	· · · · · · · · · · · · · · · · · · ·				2.00	
7	E	KITPART01 T			Test	3.00	EA	constituting the ki	· ·				1.00	
8	E	3							v					
		•												÷.
-														
						Maintain I	Kit Composition							
_								·						
	Reco	rd Statistics —												
			Cr	eated by	DMUSER			Created Date	2015-21-07					
			Last Mo	dified by	DMUSER			Last Modified Date	2015-21-07					

Figure 2.17 Updating kit composition

2.3.3 UPDATING THE OTHER PART NUMBER INFORMATION FOR A PART

- 1. Select Maintain Other Part Nos link in the Create Part Main Information page. The Maintain Other Part Nos page appears. *See Figure 2.18.*
- 2. Enter the **Other Part** # in the **Other Part Numbers** details multiline, to identify the equivalent of the part number. This could be a number, which is used by the supplier, competitor or the manufacturer.
- 3. Enter the Other Part Description.

- 4. Select the **Source Type** as "Manufacturer", "Customer", "Others" and "Supplier", to specify the source from where the part has been obtained.
- 5. Enter the **CAGE** #. This is the Commercial and Government Entity Code assigned to the manufacturer, by the government, for manufacturing the part.
- 6. Enter the **NSCM** #.This is the NATO Supply Code for Manufacturer **#**, assigned by the NATO to the manufacturer, for manufacturing the part.

Part Information Part/Service # KIT ST R Part Obter Part No Details Other Part No Details Other Part No Details Other Part No Details Other Part No Details Created by Created Date C	★ 🔋 Maintain Other Part Nos	E :	4 🖶 !	⇒ ← '	2 🖬 🖪
Part / Service # KT ST R Replan Part / Service? REGULAR PART Part Description KT ST R Replan Part / Service? REGULAR PART Part Type KR Part O Details Cher Part KO Details Connector Part # Cher Part Description Update other part # Connector C	Part Information	Date Format yyyy-dd-mm			
Part Description Regular Part/Service? Part Type Rit <	Part/Service # KIT ST R	Reference Status Active			
Part Type Nd Part Category CSC Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part of the Part Description Image: Constraint of the Part o	Part Description KIT ST R	Regular Part/Service? REGULAR PART			
Other Part to Details Other Par	Part Type Kit	Part Category CSC			
I 1 1 I	Other Part No Details				
# Other Part # Other Part Description Source Type CAGE # NSCM # S 1 UG1094U:81349 CONNECTOR MANUFACTURER </th <th></th> <th></th> <th>•</th> <th></th> <th>Q</th>			•		Q
1 UG1094U:81349 2 MANUFACTURER MANUFACTURER MANUFACTURER MANUFACTURER View Parts Main Information Created by Created Date	# Other Part # Other Part Description	Source Type	CAGE #	NSCM #	5
2 MANUFACTURER MANUFACTURER	1 I UG1094U:81349 CONNECTOR	MANUFACTURER			
View Parts Main Information Record Statistics Created by Created Date	2	MANUFACTURER			
Update other part # View Parts Hain Information Record Statistics Created by Created Date	4) F
Update other part # View Parts Main Information Record Statistics Created by Created Date					
View Parts Main Information Record Statistics Created by Created Date		Update other part #			
Record Statistics Created by Created Date	View Parts Main Information				
Created by Created Date	- Record Statistics				
	Created by	Created Date			
Last Modified Date	Last Modified by	Last Modified Date			

Figure 2.18 Updating other part numbers

- 7. Enter the Source Description and Remarks.
- 8. Click the Update Other Part # pushbutton to update the other part number details.

2.3.4 UPDATING PLANNING INFORMATION FOR A PART

- 1. Select the Maintain Planning Information link in the Create Part Main Information page. The Maintain Planning Information page appears. *See Figure 2.19.*
- 2. Set the **Planning Status** as "Fresh", "Active" or "Inactive", to specify the inventory status of the part. The parts that are in "Active" status can be converted only to the "Inactive" status. If a part is in "Inactive" status, it cannot be converted to "Fresh".
 - Note: Planning Status must not be modified to "Active" if Part Manufacturing Information is not defined for the Part # and the Part Source is set as 'Make'.
- 3. If you wish to copy the planning information from another location, select the **Location #** in the **Copy Details** group box.
- 4. Check the **Sales Information** box if you wish to copy the sales information of the part from the organization unit selected in the **"Location #"** field.
- 5. Check the **Purchase Information** box if you wish to copy the purchase information of the part from the organization unit selected in the **"Location #"** field.
- 6. Click the **Get Planning Details** pushbutton to retrieve the planning details for the part number in the in the selected organization unit.
- 7. Enter the **Material Controller** to specify the name of the employee who maintains the stocks at the location. The system displays the **Planning Type** as "Reorder Level" or "Min-Max" or "None" by which the part requirement is planned.
- 8. Enter the Reservation Horizon (Days) to specify the time period for which a part can be reserved for a supply.
- 9. Select the Certification Reqd? to specify if the certification is mandatory for the part. For parts that are components, the system displays only "Mandatory", by default. For parts, that are non-components, the system displays "Mandatory" as well as "Optional" in the drop-down list box. However, by default the system sets this field to "Optional" for non-components. For non-controlled parts, by default only "Optional" in the drop-down list box.

- 10. Specify the **Part Planning Group** and enter the **IC Key** of the part.
- 11. Enter **Reservation Horizon (days)** to specify the number of days the part can be reserved for supply.
- 12. Enter the Allocation Horizon (Days) to specify the period for which the part can be hard allocated.
- 13. Select the **Valuation Method** as "Standard Cost", "LIFO", "FIFO", "Actual Cost" or "Weight Average Rate", to specify the method by which the costing of the part can be done at the inventory.
 - Note: You cannot modify this field if stock balance is available for the part in any of the warehouses. This field must be set to "Actual Cost", for part numbers that are serial number controlled, and if the "Expensing Policy" is set as "Core Value on Phase Out".
- 14. Specify the **Expensing Policy** for the part, as "On First Issue", "On Phase Out", "Core Value on Phase Out" or "On Receipt".
 - Note: Ensure that a value is selected in this field, on clicking the "Update Planning Information" pushbutton.
 - ➢ Note: If the "Expensing Policy" is set as "Core Value on Phase Out", the system ensures the following:
 - a) Expense Type is set as "Revenue" in the current business component.

b) "SI No Controlled" box in the "Edit Main Information" page of the current business component, is checked.

- c) Valuation Method for the part is set as "Actual Cost"
- 15. Select **Replenishment Activity By** as "Purchase Order", "Purchase Request", "Stock Transfer" or "None", to select the procedure by which the part must be reordered.
 - Note: If the "Replenishment Activity By" is set as "Stock Transfer", the system will generate a "Low" priority material request in "Authorized" status, for replenishment of the parts.
- 16. Select Replenishment Activity At as "Warehouse" or "Location" or "None".
- 17. Enter the **Reorder Level** to specify the quantity level of the part below which, the purchase activity is automatically initiated by the system.
- 18. Enter the **Reorder Qty** to specify the quantity of the part that has to be ordered when the reorder level is reached.
- 19. Enter the Minimum Issue Qty that can be issued from the warehouse.
- 20. Enter the **Safety Stock** to specify the quantity of the item that is stored in the location. The safety Stock must be specified if the planning type is "Reorder Level".
- 21. Enter the Average Transfer Lead Time and Lead Time Unit.
 - Note: If the planning detail such as "Reorder Qty", "Safety Stock", and "Reorder Level" is left blank, then the system automatically calculates these details, based on the replenishment parameter details entered.
 - Note: Automatic calculation will happen only if all the fields, "Reorder Qty", "Safety Stock", and "Reorder Level", are left blank.

In the **Replenishment Parameter** Details group box:

- 22. Enter the **Annual Consumption** of the part stocked in the inventory.
- 23. Enter the **Per Order Cost** and **Carrying Cost** for the part.
- 24. Enter the **Service Level in %** to specify the level (in percentage) to which the service has been provided to the MRO for the request of material.
- 25. Enter the **Lead Time** and **Lead Time Unit** for the completion of the replenishment activity.
 - Note: Refer to the Part Administration Online Help, for more details on automatic calculation of reorder quantity, safety stock and reorder level.
- 26. Classify the part for analysis, in the **ABC Class** drop-down list box in the **Part Analysis Classification** group box. This part analysis classification is based on the consumption records of the parts. According to this principle, by controlling lower consumption value items, effort and money can be saved.

- 27. Use the **XYZ** drop-down list box, to select the XYZ Class, in the part analysis classification. This analysis is done on the basis of the stock availability.
- 28. Use the **FSN** drop-down list box, to select the FSN Class, in the part analysis classification. This analysis is based on the movement of the stock from the inventory. The options that are available are "F-fast", "S-slow" and "N-for non moving".
- 29. Use the **VED** drop-down list box, for part analysis classification based on the relative importance of the item with respect to the other parts in daily operations. The options that are available are "V-vital", "E-essential" and "D-desirable".
- 30. Select the **Placement Strategy** as "Fixed Storage", "Storage Proximity", "Existing Stock Addition", "Next Empty Storage" or "Manual" in the **Default Stock Movement Strategies** group box, to specify the method of placement of the parts in the zone or bin.
- 31. Select the **Strategy** as "LIFO", "FIFO", "Min Remaining Shelf Life", "Min Remaining Life", "Max Remaining life", "Min Lot", "Manual" or "Earliest Certificate Date", to specify the picking of parts from the stock on issuing.
 - > Note: The allocation strategy for the part is not set as "Manual", if the "Allocable" box is checked.
- 32. Specify the **Usage** of the part in the **Usage & Source Details** group box. A part could be used for "For Maintenance / Manufacturing", "For Sale", "For Pool", or "For Loan".
- 33. Specify the **Source** of the part in the **Usage and Source Details** group box. A part could be obtained through "Make", "Purchase", "Sub Contracted", "On Loan", "On Exchange", or "From Pool".
- 34. Specify general characteristics of the part in the **Other Details** group box. Check the box **Allocable** to ensure that the part is available for issue at the time of requirement. This box can be checked only for non-dispositionable parts. The other characteristics of a part could be "Q C (quality control) Clearance Required", "Back Flushing Required", "Storage Allocation Mandatory", "Hazardous", "On Warranty" and "Trade Restriction?" and "Float Computation Appl.?".
- 35. Select the **Scrap Note Process** to indicate the mode of generation of the scrap note.
- 36. Select the **Action on Phase –out** from the drop-down list. Set the field to "Generate PR", if a purchase request must be automatically generated, when the component is phased-out. Else, set the field to "None". The system displays "None" by default.
- 37. Enter the HAZMAT ID, Packing Type, Limited Quantities, HAZMAT Class, Shipping Name, Packing Group, Packing Instruction, Handling Instruction, and File Name in the Hazardous Details group box.
- 38. Enter the Default Warehouse in the Default Storage Details group box.
- 39. Enter **Transfer From Location** to specify the location from where the part can be transferred. Enter the **Sourcing Warehouse** to specify the warehouse to which the part can be transferred.
- 40. Enter Transfer Processing Location to specify the location from where the stock transfer order can be processed.
- 41. Click the **Update Planning Information** pushbutton to update the planning details for the part. The planning status gets updated to "Active" or "Fresh" depending upon the option selected in the **Planning Status** drop-down list box.
 - Note: The system ensures that the additional valuation information is maintained for the part with "Expensing Policy" set as "Core Value on Phase Out", if the "Planning Status" is Active.

To provide further details,

- Select the Maintain Purchase Information link, to provide purchase information for the part.
 - > Note: The purchase information can be entered, only when the part source is marked as "Purchase".
- > Select the Maintain Sales Information link, to provide sales information for the part.
 - > Note: The sales information can be entered, only when the part usage is set as "For Sale".
- Select the **Maintain Additional Valuation Information** link to update the additional valuation information of the part.
- Select the Initiate Part Master Controlled Data Change link to change the part master controlled data
- Select the Maintain Part Manufacturing Information link to define manufacturing information for a part.

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★ 🗎 Maintain Planning Info	rmation				44 4	1 2 3 4 5 >)) 1 /13 🎞 🖶 📮	1 ← ? 🗔
Part Information								
Part #	00059-033AP:32500		Part Description	WASTE TANK		Planning	Status Active	× v
Mfr. Part #	00059-033AP		Part Type	Component		Non-St	ockable No	
Mfr. #	32500		Key Word	TANK				
Copy Details	52500		10, 11010	180K				
location		Get Planning Details			Sales Information	Purchase Info	ormation	
Planning Info		occ rianning bocaib						
Planning Details								
0								
Material Controller 👂	00043781		Employee Name	NEDELCU, MIHAIL				
Current Part Rate	CAD		Certification Reqd?	Mandatory	•			
Standard Cost	30613.26000000 CAD	Re	servation Horizon (Days)			Allocation Horizon	(Days)	
Valuation Method	Actual Cost	-	Expensing Policy	On-Phase Out	•	Adiust Actu	al Cost Not Applicable	•
	Actual Cost			on muse out		,	Not Applicable	
- Repletisitient betais								
Planning Type	Reorder Level	F	Replenishment Activity By	PR	•	Replenishment Act	ivity At Warehouse	•
Stock UOM	1 EA		Minimum Qty			Maxim	um Qty	
Reorder Level	4		Reorder Otv			Safet	/ Stock	
Minimum Torus Ohu			Aug Transfer Load Time	Salact "	acation" "Mary	bouco" or load To	na llait	
Penlenishment Parameters Detail			Avg. transfer Leau fille	Select		nouse, or lead in	ile Onic	
Annual Consumition			Dar Ordar C-++	"None"	to specify the lo	cation	na Cost	CAD
Annual Consumption			rei Uruer COSE	from wh	here the part is a	recorded	ing cubi	CAD
Service Level in %	at Stratogiac		Lead Time		pare pare is i	Lead Ti	me unit Days 🔻	
Analysis Classification & Movemen	n strategies					Default Starla Marries	Stastagion	
Part Analysis Classification						 Default Stock Movement Stock 	strategies	
ABC Class	None	r	XYZ Class	None	•	Placement	Strategy Existing Stock Addit	ion 🔻
FSN Class	None	r	VED Class	None	T	Allocation	Strategy FIFO	•
- Usage, Source and Other Details -	Hone			inone.				
- Usage Details		- Source Details			- Othe	er Details		
							_	
For Sale		Make				Allocable		Back Flushing Required
For Maintenance/Manufacturing		Purchase				Storage Allocation Ma	ndatory 📝	QC Clearance Required
For Loan		SubContracted				Hazardous		Trade Restriction?
For Pool		On Loan				On Warranty		
		From Pool						
		On Exchange						
		i on Exchange				Select the check box	to indicate	
- Scrap Info						that the part cannot	be traded	
Scrap Note Process	5	r	Action on Phase-out	None	-	as per ITAR		
- Hazmat Details						us per man		
Hazmat ID			Packing Type			Limited Qu	iantities	
Hazmat Class			Shipping Name			Packin	g Group	
Packing Instruction								
Handling Instruction								
File Name D		View Hie						
- Delaurt Storage Details								
(4) 4 1 -1/1 → → + -						II № ₽ ₽ III AI	•	Q
# Stocking Location	Default Inspectio	n Areas Default Inspectio	n Area Transfer Proce	essing Location 🔎	Tran	Isfer From Location 🔎 So	urcing Warehouse 🔎	
1 🖾 RAMCO OU	YULCS							
2								
						📋 😒 👎 🖷 💷 🗛	•	Q
# Transaction	Restrict?				Reason			
1 Manual Material Deguest	NO		_					
2	NO CLUMENT	denter a denter de la composición de la		*				
2 Tot	Select this li	ik to view the		*				
	replenishme	nt details						
	7		Update Planni	ng Information				
Maintain Purchase Information		Maintain Sales Info	ormation			Maintain Additional Valuation Inform	lation	
Initiate Part Master Controlled Data Change		Maintain Part Manu	utacturing Information			Upload Documents		
View Replenishment Planning Parameters His	to	View Associated D	oc. Attachments					
		view Associated D	se nuclinents					
- Record Statistics								
-		-				Created Date 10-11-2011		
	Created by RSWAMINAT					0.0000000000000000000000000000000000000		-
	Created by RSWAMINA Last Modified by DMUSER					Last Modified Date 03-09-2015 1	L2:00:00 AM	

Figure 2.19 Updating planning information

2.3.5 UPDATING PURCHASE INFORMATION

- 1. Select the Maintain Purchase Information link in the Maintain Planning Information page. The Maintain Purchase Information page appears. *See Figure 2.20*.
- 2. Enter Preferred Supplier in the Basic Purchase Information group box.
- 3. Enter the Standard Purchase Price and Purchase UOM.
- 4. Enter the Minimum Order Quantity.

- 5. Select the **Lead Time Unit** as "Days", "Weeks", "Months" or "Years" to specify the unit of measurement of the lead time.
- 6. Enter the **Pre Order Lead Time** to specify the time taken for the preordering process.
- 7. Enter the **Process Order Lead Time** to specify the time taken for the order processing.
- 8. Enter the **Post Order Lead Time** to specify the time between date of ordering and supplying of the part.
 - Note: The Lead Time Unit should be specified, if the Pre Order Lead Time, Process Order Lead Time or Post Order Lead Time is been specified.

In the Inspection Work Unit Details group box,

- 9. Use the **Insp. WO?** drop-down list box to specify whether the shop work order must be executed for the part, during inspection on receipt of the part. Select any one of the following options:
- Required Select this option, if the work order must be executed during inspection of the part.
- Not Required Select this option, if the work order need not be executed during inspection of the part
- As Required Select this option, if the work order can be executed as desired during the inspection of the part.
 - 10. 1Use the **Work Unit Type** drop-down list box to specify the type of the work unit, which could be "Task" that must be included in the work order.
 - 11. Select the **Work Unit #** to identify the work unit (Alphanumeric, 30).
 - Note: Ensure that the work unit is applicable for the organization unit selected in the "Task Authoring OU" field, as defined in the "Maintenance Task" business component. You must specify a valid task # if you have selected "Task" in the Work Unit Type field.
 - Note: "Work Unit Type", "Work Unit #", "Task Authoring OU" and "COM?" fields will be ignored, if the "Insp. WO?" field is set as "Not Required".
 - 12. Use the **Task Authoring OU** drop-down list box to specify the organization unit (OU) where the work unit must be performed.
 - 13. Set the **COM?** field to "Required" or "Not Required", to specify whether Certificate Of Maintenance must be issued on execution of the work order.
 - 14. Enter **Receipt +ve Tolerance** % in the **Receipt Information** group box, to specify the maximum excess quantity in percentage, which can be received in comparison to the quantity ordered (Integer). The value in this field must be greater than zero.
 - 15. Enter **Receipt –ve Tolerance** % in the **Receipt Information** group box, to specify the maximum excess and minimum deficit quantity in percentage that can be received in comparison to the quantity ordered.
 - 16. Enter **Receipt Horizon** to specify the in between time interval between two purchase requests for the part. The value in this field must be greater than zero. Use the **Applicable** drop-down list box in the **Ordering Locations** multiline, to specify whether the ordering location available in the multiline is applicable for the part.
 - 17. Use the **Default Ordering Location** drop-down list box to specify whether the ordering location can still be designated as the default ordering location.
 - 18. Click the **Update Purchase Information** pushbutton to update the purchase details. The system automatically maps the part to the preferred supplier in the Supplier component, thereby saving the manual effort of mapping in the Supplier component.
 - Note: The system ensures that the additional valuation information is maintained for the part with "Expensing Policy" set as "Core Value on Phase Out" in the "Maintain Planning Information" activity, if the "Planning Status" is Active.

🔺 🖹 Maintain Purchase Information			44 4 1 2 3 4	5) 1 2 /500 次 高 広 4 2	
Part Information					L.~
Part #	012-1968-000:71286		Planning Status	Active	
Part Description	STUD		Key Word	STUD	
Mfr. Part #	012-1968-000		Mfr. #	71286	
Manufacturer Name	Supplier 186		SPEC 2000 Code		
CAGE #			NSCM #		
Basic Purchase Information					
Preferred Supplier 👂	2N935		Supplier Name	Supplier 115	
Standard Purchase Price	4.75000000		Currency	CAD	
Purchase UOM 👂	EA		Stock UOM	EA	
Minimum Order Qty					
Purchase Planning Information			Des Order Land Terr		
Lead Time Unit			Pre Order Lead Time		
Process Order Lead Time			Post Order Lead Time		
Inspection Work Unit Details			Replenishment Activity By	None	
Insp. W0?	Not Required		Work Unit Type		
Work Unit # 👂			Task Authoring OU	RAMCO OU	
COM?	Not Required		-		
Receipt Information	Not Kequired				
Receipt +ve Tolerance (%)			Receipt -ve Tolerance (%)		
Receipt Horizon					
Ordering Locations					
					ρ
# 🗉 Business Function Ordering Location Ap	plicable Def	ault Ordering Location			
1 🗉 Blanket Purchase RAMCOOU No	✓ No				~
2 🗉 Purchase Order RAMCOOU Yes	🖌 🗸 Yes				*
3 🗉 No	✓ No		Selec	t this link to associate	*
			supp	liers to a part	
				/	
		Update Purchase Information			
Maintain Sales information	Maintain UOM	Conversion	Maintain Part Supplier	lapping	
Maintain Part Manufacturing Information	Upload Docum	ents			
View Parts Main Information	View Associate	ed Doc. Attachments			
Record Statistics					
Created by	RSWAMINAT		Created Date	10-11-2011	
Last Modified by	RSWAMINAT		Last Modified Date	L0-11-2011 12:00:00 AM	

Figure 2.20 Updating purchase information

2.3.6 UPDATING SALES INFORMATION

- 1. Select the Maintain Sales Information link in the Maintain Planning Information page. The Maintain Sales Information page appears. *See Figure 2.21*.
- 2. Select the **Planning Status** from the drop-down list box to set the planning status of the part.
- 3. Enter the **Standard Sales Package** in the "Sales Information" group box, to specify the number of parts that comprise a unit during sales.
- 4. Enter the **Sales UOM**.
- 5. Enter the **Standard Sales Price** at which the part is sold.
- 6. Use the **Variable Pricing** drop-down list box to specify if variable pricing is allowed. The system displays the following values: "Allowed and "Not Allowed".

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34 | Inventory Setup

★ 📄 Maintain Sales Informa	ation				44 4 1 2 3 4 5	▶ ▶ 2 /29976	그	? 📮
Basic Information								
Part #	0-00-21200-19927-1:P	6371	Part Description	1300-L ADHESI	VE	Planning Status Activ	e v	
Mfr. Part #	0-00-21200-19927-1		SPEC 2000 Code			CAGE #		
Mfr. #	P6371		Manufacturer Name	Supplier 308		NSCM #		
Sales Information								
Standard Sales Package			Sales UOM 👂	97		Variable Pricing Allow	ed 💌	
Standard Sales Price	1	1.0000000	Currency	CAD	Enter the number of parts in	Pricing Basis Actua	l Issue Cost	•
Estimation Pricing Basis	Max Purchase Price	-			a unit during sales			
 Exchange Infomation 					, second s			
	Regular Exchange			Standard Excha	inge 30	. Exchange Type?	T	
 Sales Restrictions 								
Min.Stock Limit		0.00	Applicable At	Warehouse	T			
Shipment Tolerance								
+ve Tolerance (%)		0.00	-ve Tolerance (%)		0.00			
			Lindata Cala	a Tafarmatian				
			Opdate Sale	sinionnauon				
Maintain UOM Conversion			Maintain Purchase Information		Maintain Part Manufactu	ring Information		
Upload Documents								
View Parts Main Information			View Associated Doc. Attachments					
			Ten Associated Doc. Attachilicits					
- Record Statistics								
Created by MNEDELCU				Created Date 24-11-2011				
	Last Modified by	MNEDELCU			Last Modified Date 24	H11-2011 12:00:00 AM		

Figure 2.21 Updating sales information

- 7. Use the **Pricing Basis** drop-down list box to specify the basis for setting the price of the part. The system displays the following values: Std. Purchase Price", "Standard Cost", "Std. Sales Price", and "Actual Issue Cost", if "Allowed" is selected in the Variable Pricing field.
 - Note; The system defaults this field with space, if you have selected "Not Allowed" in the Variable Pricing field.
 - Note: You can select "Std. Purchase Price" only for parts for which the Part-Usage flag in the "Maintain Planning Information" activity is set to "Purchase".
- 8. Use the **Estimation Pricing Basis** drop-down list box to specify the basis for estimating the price of the part during quotation.
 - Note: The system displays "Maximum Purchase Price" and "Std. Sales Price, if you have selected "Actual Issue Cost" in the Pricing Basis field, else the system defaults this field with Space.
- 9. Select the **Regular Exchange** or **Standard Exchange** checkbox, in the "Exchange Information group" box, based on the type of exchange the part is participating.
- 10. 10. When the part is participating in a standard exchange, use the **Std. Exchange Type** drop-down list box to specify the whether the exchanged part has a repair cost associated or it is a "Flat Exchange".
- 11. Enter the **Min. Stock Limit** in the "Sales Restrictions" group box, to specify the minimum amount of stock that is required at the location you have selected in the "Applicable At" field.
 - >> Note: The system defaults this field with Zero, if you do not enter any value.
- 12. Use the **Applicable At** drop-down list box to specify the location where the minimum stock must be maintained. The system displays the following values: "Warehouse", "Location", "Across Location".
- 13. Enter **+ve Tolerance** % in the **Shipment Tolerance** % group box, to specify the maximum excess quantity in percentage, which can be shipped in comparison to the quantity ordered by the customer.
- 14. Enter –**ve Tolerance** % to specify the minimum deficit quantity in percentage that can be shipped in comparison to the quantity ordered by the customer.
- 15. Click the Update Sales Information pushbutton to update the sales details.
 - Note: The system ensures that the additional valuation information is maintained for the part with "Expensing Policy" set as "Core Value on Phase Out" in the "Maintain Planning Information" activity of the current business component, if the "Planning Status" is Active.

2.3.7 DEFINING PART MANUFACTURING INFORMATION

You can capture the basic information required to manufacture a part, like 'Lead Time', 'Mfr. Valuation Method' (Stock Valuation), 'Default Work Center', etc. Certificate details required to be issued for the finished parts can also be defined in this page. You are required to define the Source of the part as "Make" in the **Maintain Planning Information** page of the **Part Administration** business component.

1. Select the Maintain Part Manufacturing Information link in the Maintain Planning Information page in Part Administration business component. *See Figure 2.22.*

★ 🗎 Maintain Manufacturing Information		•			≠ 8 🖶 🛱 🗲	?	ō K						
Part Information Part # F20-9505-20563 Part Description ETD Bracket Assembly General Information	Enter the Manufacturing UoM for the manufactured part	Part Type Expendable		Planning Status 🧳	Active								
Manufacturing UoM D EA Serial / Lot # Logic Automatic Generation Phantom Part	sl. No. Type	Lead Time 8 Numbering MAKE	Enter Product Structure / Process Plan details	Valuation Method ot No. Type Numbering	Standard	v							
Planner Code Ø 00001413 Default Exe. Doc. Type 0W0 -Product Structure Information	Pi Execu	anner Name OWSIANYK, RICH	ARD	Role Mapped		¥							
Mandatory? Yes Usage of PMA Parts? Yes Work Center Information Certificate Information	▼ Modific ▼ Configura	tion Tracked? No	V V	Mandatory? Modification in WO?	Yes Allowed	•							
**** 1 -2/2 >>> + - - * * * Work Center # P Work Center Work Center # Work Center # Work Center # Work Center # # # # # Work Center # <td< td=""><td>enter Description INTEGRATION SUPPORT - PROJECT ADMIN Iter # Ifactured</td><td>Work Center Class Execution Execution</td><td>人 班 写 X 定 前 x4 単 Ⅲ Default No Yes Yes</td><td>All</td><td>v</td><td>۵ ۲ ۲</td><td>•</td></td<>	enter Description INTEGRATION SUPPORT - PROJECT ADMIN Iter # Ifactured	Work Center Class Execution Execution	人 班 写 X 定 前 x4 単 Ⅲ Default No Yes Yes	All	v	۵ ۲ ۲	•						
	Upda	Update Manufacturing Information											

Figure 2.22 Defining part manufacturing information

- 2. In the General Information group box, enter the Lead Time, Valuation Method and the Manufacturing UoM defined for the manufactured part.
- 3. Enter the **Planner Code** and the **Default Exe. Doc. Type** for part manufacture, in the **Operational Information** group box.
- 4. Specify the **Product Structure Information** and the **Process Plan Information**.
- 5. In the Work Center Information tab, enter the Work Center # where part is manufactured.
- 6. In the **Certificate Information** tab, enter the certificate details like **Certificate Type** defined for the part and **Certifying Authority.**
- 7. Select **Required?** as "Yes" or "No" to specify whether it is mandatory to issue certificate before closing the work order.
- 8. Click the Update Manufacturing Information pushbutton to update the manufacturing information for the part.

To proceed carry out the following:

- Select the Manage Product Structure link to define or update product structure for the part.
- Select the Maintain Purchase Information link to update purchase Information for the part.
- Select the Maintain Sales Information link to update sales Information for the part.
- Select the Edit Part Main Information link to modify the details of the part.
- Select the Upload Documents link to upload documents

2.3.8 UPDATING ADDITIONAL VALUATION INFORMATION FOR A PART

1. Select the Maintain Additional Valuation Information link in the Maintain Planning Information page. The Maintain Additional Valuation Information page appears. *See Figure 2.23*.

★ 🔋 Maintain Additional Valuation Informa	tion	≡ ≭ = ₽ ← ? ⊡ ■
- Part Details		Date Format yyyy-dd-mm
Part #	0AFA2853-D Part Description	FUEL PUMP
Part Type Part Category	Component Part Classification COMMON Valuation Method	Actual Cost
Part Account Group	REPAIRABLES Expensing Policy	On Receipt
Maintenance Expense Policy Details Inspection Overhaul	Expense Off Others Add to Stock Repair	Expense Off
Time Life Costing Variable Details Variable Value Basis	▼ Std.Core Value %	
Residual Value	V	
	Maintain Valuation Details	
Record Statistics		
Created by	Created Date	
Last Modified by	Last Modified Date	

Figure 2.23 Updating additional valuation information

- 2. Use the drop-down list boxes to specify the maintenance expense policy for the maintenance types **Inspection**, **Others**, **Overhaul** and **Repair**, as "Add to Stock" or "Expense Off."
- 3. In the **Time Life Costing Variable Details** group box, select the variable value basis as "Life to Overhaul", "Life Phase Out" or "Non-Life".
- 4. Enter the Std. Core Value % to specify the percentage of the standard core value.
 - Note: For the parts with Expensing Policy set as "Core Value on Phase Out" in the "Maintain Planning Information" page, and having stock status attribute as "Ownership-Internal", the system updates the total value, variable value and the core value in the "Stock Maintenance" business component, based on the Std. Core Value % specified here. This is applicable when new serial number is generated for the parts and when the stock is moved into the warehouse.
 - Note: For example, if the Std. Core Value % is specified as 20% and if the total value or the stock value of the part is 20,000, then the core value will be updated as 4000 (i.e. 20% of 20,000) and the variable value will be updated as 16000.
- 5. Select the **Residual Value** as "Carry Forward" or "Expense Off" to specify whether the remaining variable value is retained or not, when the component is returned back to the inventory.
- 6. Click the Maintain Valuation Details pushbutton to update the additional valuation details of the part.

2.3.9 UPDATING UNIT OF MEASUREMENT CONVERSION INFORMATION FOR PART

1. Select the Maintain UOM Conversion link in the Create Part Main Information page. The Maintain UOM Conversion page appears. *See Figure 2.24.*


	Mair	ntain UOM Convers	ion				2 3 4 5 > >> 2 /5	00 🗐 겨 🖶 🛱 🔶 🕇	
	Part I	nformation					Date Form	at yyyy-dd-mm	
	UOM (Conversion Details	Part :	# #11			Part Description PLACARD, SHORE	LINE POWER	
	4	1 - 1 / 1 → → +	- 0 % 0 0	T T _x			a 24 C III 🖛 🖷 III All	•	Q
#		From UOM 🔎	To UOM P	Conversion Factor	Created by	Created Date	Last Modified by	Last Modified Date	
1		12	AY	5.0000000					
2									
					Update UOM Conversion				
View	v Parts I	Main Information							
_									

Figure 2.24 Updating unit of measurement conversion

- 2. Enter **From UOM** in the **UOM Conversion Details** multiline, to identify the UOM for which the conversion factor must be entered.
- 3. Enter **To UOM**, to identify the UOM to which the **From UOM** is converted.
- 4. Enter the **Conversion Factor**. This value should be greater than zero and for any given **From UOM** and **To UOM** conversion; there can be only one conversion factor.
- 5. Click the **Update UOM Conversion** pushbutton to update the UOM conversion.

2.3.10 CREATING QUICK PART INFORMATION

This activity enables quick and easy creation of a part (which is not of type "Component") in a single transaction. You can enter general information, basic details, planning information, usage and source details, default storage details, purchase information, ordering location details and sales information for the part.

The system sets the reference status of the part to "Active" after the information entry is complete.

1. Select Create Quick Parts under Part Administration business component. The Create Part Information page appears. *See Figure 2.25.*



			_
Create Part Information		= # = # + ? ⊡ [ĸ
			-
Death Tofermation		Date Format yyyy-dd-mm	
Part Information			
Part #	00-4864:58419	Reference Status	
Part Description	PHONE COVER		
Part Type	Expendable	Part Category 00001	
Dat # 0	Conv Details		
Paris Details Maintenana Details Disaria Det	cupy Details		
Basic Details Maintenance Details Planning Details	ans Usage, source & Default Details Purchase & Sales Information Details		1
- Serial / Lot Details			
SI No Controlled		Serial # Lugic 🗸	
Si No Type Num	No. ¥	Let No Tune Num	
Basic Details		Lot No Type Num	
Standard Cost	20.0000000	Currency CAD	
Planning Type	None	Expense Type Revenue	
Designed Shelf Life		Shelf Life Unit	
Stock UOM @	12	Issue Basis Non-Returnable	
Part Account Group	21312	Primary Part Group CF34-10E5A1	
Mfr. Part #		Mfr. # Ø P3851	
Prime Part # P	SB1966-27:P3851	Non-Stockable No 💌	
SPEC 2000 Part #			
- Source Document Details			
Source Document Type	v	Source Document #	
Document Revision #		Source Document Date	
Other Details			
NSN		Primary Aircraft Model # 👂	
User Defined Detail - 1		User Defined Detail - 2	
Remarks			
	Create Part Information		
Edit Part Main Information	Maintain Maintenance Information	Maintain Planning Information	
Maintain Purchase Information	Maintain Sales Information	Edit Consumption & Range Parameters	
Record Statistics			
Created by		Created Date	Ŧ
			_

Figure 2.25 Creating quick part information

- 2. Enter the **Part #** and **Part Description**.
- 3. Select the **type of the part** from **Part Type** field, which coul**d be "Raw** Material", "Expendable", "Tool", "Consumable", "Kits" or "Miscellaneous".
- 4. Select the **Part Category** from the drop-down list.
- 5. If you wish to copy details from an existing part for creating the quick part, enter **Part #** in the **Copy Details From** group box.
- 6. Click the **Copy Details** pushbutton to copy the part details.
- 7. Record the following tabs.
 - Basic Details
 - Maintenance Details
 - Planning Details
 - Usage, Source and Default Details
 - Purchase and Sales Details
- 8. Enter the NSN and Primary Aircraft Model # of the part in Other Details group box.
 - Note: Ensure that the primary aircraft model is "Active" as identified in the "Aircraft" business component.
- 9. Click the Create Part Information pushbutton to create the quick part details.

Recording basic details of new part

1. Select Basic Details tab. See Figure 2.26.

Basic Details Maintenance Details Planning Det	ails Usage, Source & Default Details	Purchase & Sales Information Details	
- Serial / Lot Details			
SI No Controlled	No 💌	Serial # Logic	v
Si No Type Num	T		
Lot No Controlled	No 💌	Lot No Type Num	v
Basic Details			
Standard Cost	20.0000000	Currency	CAD
Planning Type	None 💌	Expense Type	Revenue 🔻
Designed Shelf Life		Shelf Life Unit	None 💌
Stock UOM 👂	12	Issue Basis	Non-Returnable 🔻
Part Account Group 👂	21312	Primary Part Group	CF34-10E5A1 💌
Mfr. Part #		Mfr. # P	P3851
Prime Part # 👂	SB1966-27:P3851	Non-Stockable	No 🔻
SPEC 2000 Part #			
Source Document Details			
Source Document Type	•	Source Document #	
Document Revision #		Source Document Date	

Figure 2.26 Recording basic details of new part

- 2. For a part of type "Component", check the **SI No Controlled** box in the **Serial/Lot Details** group box, to generate the serial numbers for the part.
- 3. Select the **SI No Logic** as "Automatic Generation" or "Manufacturer SI Number", to specify the method for generating the part serial number.
- 4. 4For a part that is serial number, controlled and automatically generated by the system, enter the **SI No Type Num**, to specify the numbering type.
 - Note: This field must be left blank if the part is not serial number-controlled.
- 5. Check the Lot No Controlled box, to specify the lot numbers for the part.
- 6. Enter the **Lot No Type Num**, to specify the numbering type for the lot number.
 - > Note: This field must be left blank if the part is not serial number-controlled.
- 7. Enter the **Standard Cost** of the part in **Basic Details** group box.
- 8. Select the appropriate **Planning Type** and **Expense Type** for the part.
 - Note: Ensure that the planning type is set to "None" when the prime part number is different from the part number entered in the "Part Information" group box.
- 9. Enter the **Designed Shelf Life** to indicate the maximum period of time, for which a part can be maintained on the shelf without any deterioration of its basic characteristics.
- 10. Use the **Shelf Life Unit** drop-down list box to select the unit of measurement of shelf life for the part. The system displays the options "Days", "Weeks", "Months", "Years" and "None".
- 11. Enter the **Stock UOM** and identify the basis on which the part will be issued, in the **Issue Basis** field.
- 12. Enter the **Part Account Group** to which you wish to associate the quick part.
- 13. Use the **Primary Part Group** drop-down list box to specify the primary part group of the part.
- 14. Use the **Non-Stockable** drop-down list box to specify whether there is no stock available for the part in all the warehouse.
- 15. Specify the Manufacturer Part # and the Manufacture # of the part.
- 16. Enter the **Prime Part #** to retrieve a set of alternate parts for the defined part number.
 - Note: If the part number entered in this field is not same as the part number entered in the "Part Identification Details" group box, then ensure that the prime part entered is in "Active" reference and planning status as identified in the "Part Administration" business component.
 - Note: If the prime part number is left blank, the "Part #" entered in the "Part Information" group box is updated as the prime part number.

- 17. Select the **Source Document Type** based on which the part number is being created which can be "IPC", "Eng. Doc" or "Others".
- 18. Enter the Source Document #, Document Revision # and Source Document Date.

Recording maintenance details of new part

1. Select Maintenance Details tab. See Figure 2.27.

Basic Details Maintenance Details Planning De	tails Usage, Source & Default Details	Purchase & Sales Information Details	
- Maintenance Details			
Component ID Generation	Auto 💌	Component ID Numbering Type	v
Part Classification	None 💌	Component Type	Not Applicable 🔻
LLP?	No 🔻	ATA # 👂	
Maintenance Process	•	Replacement Type	LRU 🔻
PMA?	•	OEM Part # 👂	
Operational Details			
Planner Code 👂	00041383	Planner Name	SENECHAL, DOMINIC
Planning Base	RAMCO OU 🔻	Default Maint. Base	RAMCO OU 🔻
Execution Facility	None 💌	Preferred Repair Agency 👂	
Default Work Center	•	Work Center Description	
Phase-Out Policy	•	Default Exec. Doc. for Int. Repair Routing	
Consolidate Exec. Order?	No 🔻		

Figure 2.27 Recording maintenance details of new part

- 2. Use **Component ID Generation** the drop-down list box to select the mode in which the component ID's must be generated. The system provides the options "Auto" and "Manual".
- "Auto" indicates that the component ID's are automatically generated by the system
- "Manual" indicates that the component ID's are entered manually.
- 3. Use the **Component ID Numbering Type** drop-down list box to select the numbering type for the generation of the component ID number automatically by the system. The drop-down list box displays all "Active" numbering types defined for the transaction type "Component ID Generation Prefix" in the Document Numbering Class component. Data selection in this field is mandatory if the part is of type "Component" and "Component ID Generation" field is set to "Auto". If the "Component ID Generation" field is set to "Manual", the component ID must be manually specified in the "Create Component Record" activity for the new part.
- 4. Select the Part Classification and Component Type of the part.
- 5. Use the LLP? drop-down list box to indicate whether the part is a life limited part.
- 6. Enter the ATA # to indicate the ATA chapter to which the selected part belongs.
- 7. Use the **Maintenance Process** drop-down list box to specify the maintenance process for the part. The drop-down list box displays the following: Hard-Time, On-Condition and Condition Monitored.
- 8. Use the **Replacement Type** drop-down list box to select the type of replacement of the part. The drop-down list box displays the following: LRU and SRU.
- 9. Use the **PMA?** drop-down list box and select "Yes", if the part manufacturer approval has been obtained for the part.
- 10. Enter the **OEM Part #** of the specified PMA part.
- 11. In the Operational Details group box, enter Planner Code.
- 12. Specify the **Planning Base** and select the **Default Maintenance Base** in which the maintenance activity of the part is to be carried out.
- 13. In the **Operational Details** group box, use the drop-down list box to specify the location where the part can be repaired. The drop-down list box displays the following: In-house, Outsource, In-house & Outsource and None.
- 14. Enter the Preferred Repair Agency and select the Default Work Center for the new part.
- 15. Use the **Phase Out Policy** drop-down list box to specify the policy for phasing out the part. The drop-down list box displays the following: Not Permitted and Work centers.

16. Use the **Default Exe. Doc. For Int. Repair Routing** drop-down list box to specify the execution document required for the internal repair routing. The system lists the options Work Scope and Work Order.

Recording planning details for the new part

1. Select the Planning Details tab and enter the following fields in Planning Information group box. See Figure 2.28.

Basic Details Maintenance Det	ails Planning Deta	ails Usage, Source I	& Default Details	Purchase & Sales Information Details			
	Valuation Method	Actual Cost 🔍		Expensing Policy	(Ŧ	*
	Adjust Actual Cost	Condition Based	*				
R	eplenishment Activity By	PO	r.	Replenishment Activity A	None 💌		
	Minimum Qty		30.00	Maximum Qb	(100.00	
	Reorder Level		30.00	Reorder Qt	(50.00	
	Minimum Issue Qty		25.00	Safety Stock	<	30.00	
	Avg. Transfer Lead Time		15.00	Lead Time Unit	Days 🔻		
Re	servation Horizon (Days)		20.00	Allocation Horizon (Days)	15.00	
Others							
		Allocable		E	Back Flushing Required		
		Hazardous			QC Clearance Required		
		On Warranty					
	E	Storage Allocation Mar	idatory				
Scrap Info							
	Scrap Note Proces	s		Action on Phase-out	None		*

Figure 2.28 Recording planning details of new part

- 2. Identify the Valuation Method and select the Planning Status of the part in the Planning Information group box.
- 3. Specify the Expensing Policy for the part, as "On First Issue", "On Phase Out" or "Core Value on Phase Out".
 - >> Note: The system ensures the following, if the expensing policy is set as Core Value on Phase Out":

a) the "Expense Type" is set as "Revenue" in the current business component.

b) the "SI No Controlled" check box in the "Edit Main Information" page of the current business component, is checked.

c) the valuation method for the part is set to "Actual Cost".

- 4. Set Replenishment Activity At as "Warehouse" or "Location" or "None".
- 5. Enter Minimum Qty, Maximum Qty and Reorder Level for the new part.
- 6. Enter the **Reorder Qty** to specify the quantity of the part that must be ordered when the reorder level is reached.
- 7. Enter the Minimum Issue Qty that can be issued from the warehouse.
- 8. Enter the Safety Stock and the Avg. Transfer Lead Time for the part.
- 9. Use the **Lead Time Unit** drop-down list box to select the lead time unit. The drop-down list box displays the following: Days, Weeks, Months and Years
- 10. Specify Reservation Horizon (days) and Allocation Horizon (days) for the new part.
- 11. Check the Allocable box to ensure that the part is available for issue at the time of requirement.
- 12. Check the **Back Flushing Required** indicating that the part is a back flushable item. Back flushing means that the inventory stock is reduced, based on the production count of the assemblies produced.
- 13. Check the Hazardous box to indicate that the part is dangerous while handling.
- 14. Check the QC Clearance Required box to indicate that the part requires a quality control clearance.
- 15. Check the **On Warranty** box to indicate that the part is under warranty.
- 16. Check the Storage Allocation Mandatory box to indicate that the special storage facility is mandatory for the part.
- 17. Use the drop-down list box **Scrap Note Process** to select whether the scrap note is generated automatically, manually, or not applicable.
- 18. Use the drop-down list box **Action on Phase Out** to select the action to be taken on the part when the part is declared as "Phased-out".



Recording usage and storage details of new part

1. Select the Usage, Source and Storage Details tab. See Figure 2.29.

Basic Details Maintenance Detai	ls Planning Details Usage, So	ource & Default Details Purchase & Sa	es Information Details	
- Default Stock Movement Strate	egies			
	Placement Strategy Manual	~	Allocation Strategy Manual	~
- Usage & Source Details				
	For Sale	For Maintenance/Manufacturing	Make	V Purchase
	Usage: 🔽 For Loan	For Pool	Source 💟 SubContracted	On Loan
			From Pool	On Exchange
- Default Storage Details				
(i)	-0%\$\$ 11		▶ 11 17 X 区 首 ☆ 単 ★ 111 All	Q v
# 🗉 Stocking Location		Default Wareho	se P Transfer Processing Location P	Transfer From Location 👂
1 🔲 RAMCO OU		0123		
2 🗖				
4				•

Figure 2.29 Recording usage, source and default details of new part

- 2. Select the appropriate Placement Strategy and Allocation Strategy, in the Default Stock Movement Strategies group box.
 - Note: The allocation strategy must not be "Manual", if "Allocable" box is checked.
- 3. Furnish Usage & Source Details for the part by checking the appropriate boxes.
- 4. Specify the default storage details for the part in the **Default Storage Details** multiline.

Recording purchase and sales details for the new part

1. Select the **Purchase and Sales Information Details** tab and enter the following fields in "**Purchase Information**" group box. *See Figure 2.30.*

44 4 1 - 2 / 2 > >> + @ Ø K Y T	
	▶ 111 日本 111
# D Business Function Ordering L	Location Applicable Default Order
1 🖪 Blanket Purchase Order RAMCO O	U Yes 🗸 Yes
2 🗖 Purchase Order RAMCO OI	U Yes 🗸 Yes
Sales Information	,
Sales UOM D Standard Sales	s Price Currency CAD
Variable Pricing Allowed 💌 Pricin	ng Basis Standard Cost 💌 Estimation Pricing Basis 💌
Regular Exchange	Standard Exchange Std. Exchange Type?

Figure 2.30 Recording purchase and sales details for new part

- 2. Enter the Preferred Supplier with whom the order must be placed. .
- 3. Enter the **Purchase UOM** in which the part is purchased (Alphanumeric, 10).
- 4. Enter the **Standard Purchase Price**, the standard rate of the part.
 - Note: When purchase requests or purchase orders are generated (Integer), ensure that the value in this field is greater than zero.
- 5. Use the **Applicable** drop-down list to select "Yes" or "No" and to indicate whether the organization unit contained in the multiline row is applicable for the part.
 - Note: If the part is marked as "Purchase" in the "Usage & Source Details" group box then, ensure that this field is set to "Yes" at least for one record in the multiline.
 - Note: This field must be set to "Yes" in at least one row of the "Ordering Locations" multiline.
- 6. Use the **Default Ordering Location** drop-down list box to select "Yes" or "No" and to indicate whether the organization unit can still be designated as a default ordering location.

- Note: If this field is set to "Yes", the ordering location will be considered as the default location for the part in the login organization unit.
- Note: This field cannot be set to "Yes", if a "PO" or "RS" ordering location is already defined as the default ordering location.
- 7. Enter the **Sales UOM** in which the sales of the part was done.
- 8. Enter the **Standard Sales Price** at which the part is sold.
- 9. Use the **Variable Pricing** drop-down list to specify whether variable pricing is allowed. The system displays the following values: "Allowed and "Not Allowed".
- 10. Use the **Pricing Basis** drop-down list to specify the basis for setting the price of the part. The system displays the following values: Std. Purchase Price"," Standard Cost", "Std. Sales Price", and "Actual Issue Cost", if "Allowed" is selected in the Variable Pricing field.
 - Note: You can select "Std. Purchase Price" only for parts for which the Part-Usage flag in the "Maintain Planning Information" activity is set to "Purchase".
- 11. Use the **Estimation Pricing Basis** drop-down list box to specify the basis for estimating the price of the part during quotation. The system displays "Maximum Purchase Price" and "Std. Sales Price, if you have selected "Actual Issue Cost" in the Pricing Basis field, else the system defaults this field with space.
- 12. Select the Regular Exchange or Standard Exchange checkbox based on the type of exchange the part is participating.
- 13. When the part is participating in a standard exchange, use the **Std. Exchange Type** drop-down list box to specify the whether the exchanged part has a repair cost associated or it is a "Flat Exchange".

To provide further details,

- Select the Edit Part Main Information link to edit the part details.
- Select the **Maintain Maintenance Information** link to update the maintenance information of the newly created part.
- Select the **Maintain Planning Information** link to enter the planning information for the part.
- Select the **Maintain Purchase Information** link to enter the purchase information for the part.
- Select the Maintain Sales Information link to enter the sales information for the part

2.3.11 ASSOCIATING ATTRIBUTES TO THE PART

Attributes are certain characteristics or traits of a part, which help in tracing the quality of a part. You can associate the attributes to the part.

Attribute part mapping

- 1. Select Associate Attributes under Part Administration business component. The Select Part # page appears.
- In the Direct Entry group box enter the Part# and click the Attribute Part Mapping link provided alongside to associate attributes to the part. A Part# can also be searched by providing the filter criteria like Part Type, Part Category, Manufacturer in the Search Criteria group box and click on the Search pushbutton.
- 3. The system displays the **Part#, Part Description**, **Part Type** and **Part Category** in the **Search Results** multiline. Check the **Select** column to mark a part number to which the attributes have to be mapped and .The **Associate Attributes** page appears. *See Figure 2.31*.
- 4. In the **Part Information** details group box the system displays the **Part/Service#**, **Part Type** and **Part Category**.
- 5. In the **Attribute Information** multiline enter **Attribute Code** that has to get associated to the part.
- 6. To associate a quantitative type of attribute enter the **Minimum Value, Standard Value** and **Maximum Value.**
- 7. To associate qualitative value enter the **Std Qualitative Value**.
- 8. Select the **Usage Type** of the attribute as "Sales" or "Purchase" or "Both" or "None".

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\star		Associate Attributes					4 4 1	2 3	3 4	5 🕨	₩ 1	/500 🔳) _;		+	? [ō K
	Part I	information		Date Format yyyy-dd-mm													
	Attrib	Reg pute Information	Part/Service # #10-CSW-SS Part Category OTHERS ular Part/Service? Regular Part		Part Description WASHER Part Type Expendable												
	4	1 -1/1 > >> + = (7 7 9 9 T T			人山	JXQİX	e	# #	010	All		Ŧ			J	5
#	6	Attribute Code 🔎	Attribute Description		Attribute Type		UOM	Mini	imum Value	e		Standar	l Value			Maxim	ur
1		0000	TESTING		Quantitative		AM				5.00				5.00		
2		٢		Indicates that is associated t part / service	the attribute o a regular)	
_					Map Attributes												_

Figure 2.31 Associating attributes to part

- 9. Set the **Trackable** drop-down box as "Yes" or "No" to specify whether the attribute is trackable or not.
- 10. Click the **Map Attributes** pushbutton to associate the attributes to the part.

2.4 CREATING PART / SERVICE GROUPS

You can group all specific parts / services with some common feature, under various part / service groups. These part / service groups can be used for various purposes like generating reports, conducting inquiries with respect to a particular group etc. The grouping of parts can be done based on the common properties or on the convenience of the user. Thus, a part / service group could be attribute-based or user-defined. Once a part / service group is created, you can associate the attributes and parts / services to it.

1. Select Create Part / Service Groups under Part Administration business component. The Create Part / Service Groups page appears. *See Figure 2.32*.

*	★ 🗎 Create Part/Service Groups												?	to K
- Gi	Group Information													
	•	1 - 2 / 2 🕨 🗰	+ - 0 % 0 C T T,				А		0110	All		T		Q
#		Group Code	Group Description	Associate Attributes		Associate Parts		Associate Services		Controlled?		Purpose		
1		Rotables	Rotables	Yes	~	Yes	~		~	No	¥			~
2				Yes	*	Yes	~		~	No	~	Product Line		~
3				Yes	×	Yes	~		~	No	×			×
-						Create Groups								
Associ	ate At	tributes		Associate Parts/Services				Associate Usages						

Figure 2.32 Creating part / service groups

- 2. Enter the **Group Code** in the **Part Group Information** multiline, to specify the unique code that identifies the group. This could be a combination of digits and characters.
- 3. Enter the **Group Description**.
- 4. Select "Yes" in the **Associate Attributes** drop-down list box to associate the attributes to the part group.
- 5. Select "Yes" in the **Associate Parts** drop-down list box to associate parts to the part group.
- 6. Select "Yes" in the Associate Services drop-down list box to associate parts to the service group.
- 7. Select "Yes" in the **Controlled?** Drop-down list box to make the part group controlled. Select "No", if you do not want the part group to be controlled.
- 8. Select **Purpose** from the drop-down list box as "Pricing", "Taxes and Charges", "Product Line", "Capability Definition", "Reliability Analysis", "VAT", "HSN Code" and "SAC Code", to specify the applicable purposes of the part group.
- 9. Click the **Create Groups** pushbutton to create the part group.
 - Note: The Controlled? and Purpose attributes bear implications when you associate a part to a part group. If a part is associated to a Controlled Part Group with a specific purpose, then it cannot be associated to another "Controlled" part group with the same purpose. However it can be associated to any other "noncontrolled" Part Group with different/same purpose.

To provide further details,

- Select the Associate Attributes link, to associate attributes to the part group.
- Select the Associate Parts / Services link, to associate parts to the part group.
- Select the **Associate Usages** link to associate usages with the part /service group.

2.4.1 ASSOCIATING ATTRIBUTES TO THE PART / SERVICE GROUP

1. Select the Associate Attributes link in the Create Part / Service Groups page. The Associate Attribute page appears. See Figure 2.33.

46 | Inventory Setup

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Figure 2.33 Associating attributes to a part / service group

- 2. Use the **Group Code** drop-down list box in the **Group Information** group box, to select the part group to which the attributes must be associated.
- 3. Select "Yes" in the **Controlled Group** drop-down list box to make the part group controlled and "No" if the part group is not controlled.
- 4. The applicable **Purpose** of the part group. The system displays the one of the following values: "Pricing", "Taxes and Charges", "Product Line", "Capability Definition", "VAT", "Reliability Analysis", "HSN Code" and "SAC Code".
- 5. Enter the Attribute Code, to identify the attribute to be associated to the part group.
- 6. Enter the **Minimum Value**, **Maximum Value** and **Standard Value** for associating the **Quantitative** type of attributes to the part group.
- 7. Enter the Std Qualitative Value for associating the Qualitative type of attributes to the part group.
- 8. Click the Associate Attributes pushbutton to associate attributes to the part / service group.

2.4.2 ASSOCIATING PARTS /SERVICES TO A GROUP

1. Select the Associate Parts /Services link in the Create Part / Service Groups page. The Associate Parts / Services page appears. See Figure 2.34.

Associate Parts/Services			44 4 1 2 3 4 5)	» 3 /5 II =	₽ ← ? 🗔 🗖
Group Code HSN: 84072100	▼	Group Description OUTBOARD MOTORS	Associate	d Entity Part	
Controlled Group Yes		Purpose Taxes and Charges			
		Get Details			
Part/Service Information					
(4) 4 1 -1/1 > >> + = □ %	0 0 T T.	<u> 上</u> 日	1	T	Q
# 🖻 Part/Service # 👂	Description		Туре		
1 🗊 02-438-8:9474M	BRILES 1/4" STOP COUNTERSINK		Component		
2					
Help on Service					
•					
		Associate Parts/Services			
View Part Main Information	View Service Main Informatio	n			

Figure 2.34 Associating parts / services

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- 2. Use the **Group Code** drop-down list box to select the part group to which you wish to associate the parts.
- 3. **Controlled Group** indicates whether the part group is controlled. The value "Yes" means the part group is controlled and "No" indicates the part group is not controlled.
- 4. The applicable **Purpose** of the part group, which can be one of the following: "Pricing", "Taxes and Charges", "Product Line", "Capability Definition", Reliability Analysis, "VAT", "HSN Code" or "SAC Code".
 - Note: Controlled Group and Purpose attributes bear implications when you associate a part to a part group. If a part is associated to a Controlled Part Group with a specific purpose, then it cannot be associated to another "Controlled" part group with the same purpose. However it can be associated to any other "non-controlled" Part Group with different / same purpose.
 - Note: If part group selected in the header is defined as Primary part group for the part, then the part cannot be deleted from the multiline.
- 5. Enter the **Part#** in the **Part Information** multiline, to specify the part number that must be associated to the part group. The part number should be in "Active" status.
- 6. Click the Associate Parts / Services pushbutton to associate parts to the part / service group.

2.4.3 ASSOCIATING USAGES TO A GROUP

1. Select the Associate Usages link in the Create Part / Service Groups page. The Manage Usage Association page appears. See Figure 2.35.

1	r	Ì	Manage Usage	As	sociation					44 4 6 7	8 9	10	▶ ▶ 10 /12	7\$			- 3	
Manage Usage Association																		
Group Code							V	Group Description										
					Controlled Group						Purpose							
								Get Details										
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	44	(1 -4/4 🕨 🗰		0 G T T,				Ы		# # M	A	1		T			Q
	#		Group Code		Group Description	Account Usage		Usage Short Description		Usage Description			Purpose					
	1		CMPS	•	Component parts	PURCHASE ORDER	•	Purchase Order		Purchase Order			HSN Code					
	2		CODE	¥	CODE DESC	PURCHASE ORDER	•	Purchase Order		Purchase Order			SAC Code					
	3		SAC:400170	¥	Other services	SAC SERVICES	•	SAC Services		SAC Services			SAC Code					
	4		SAC:998739	¥	Installation services	ADDITIONAL FEE	•	Additional Fee		Additional Fee			SAC Code					
L																		
								Associate Usages										

Figure 2.35 Associating parts / services

- 2. In the Manage Usage Association group box, use the Group Code drop-down list box to select the part / service group to which you wish to associate the usages.
- 3. Use the **Account Usage** drop down list box to specify the Account Usage codes that you wish to associate to the part/service group. *Mandatory*.
- 4. Click the Associate Usages pushbutton to associate Account Usage to the part / service group.

2.5 CREATING GROUP TYPES

You can combine together parts with similar characteristics to form a parts group. These part groups can be further combined and classified into group types and can be given a unique code. These group types can also be specified as "Maintenance", "Inventory", "Purchase", "Sales", "Operation", or "Accounting" based on the usage.

1. Select the **Create Group Type** link under the **Part Administration** business component. The **Create Group Types** page appears. *See Figure 2.36.*

*		Create Group Type			■ × ● □ ← '	
- 6	roup	Type Details				
44	6	1 - 2 / 2 > >> ++	- 0 % 0 Q T T,		•	Q
#	13	Group Type	Group Type Description	Usage		
1		LOB BOOK	Log Book	Inventory		-
2	.8	A/C COMPONENTS	Aircraft Components	Inventory		*
3				Inventory		*
				Create Group Type		

Figure 2.36 Creating group type

- 2. Enter the Group Type and Group Type Description in the Group Type Details multiline.
- 3. Select the **Usage** as "Maintenance", "Operation", "Inventory", "Purchase", "Sales", "Accounting" or "Others" to specify the usage of the group type.
- 4. Click the **Create Group Type** push button to create the group types.

2.6 BUILDING PART GROUP HIERARCHY

A hierarchical relationship can be established between the part groups and group type. A group hierarchy can be defined where in the part groups are associated to the part group type. The various part groups created can be grouped under a part group type.

1. Select the **Build Group Hierarchy** link under the **Part Administration** business component. The **Build Group Hierarchy** page appears. *See Figure 2.37*.

	Bu	ild	Group Hierarchy					圓 겨 를 다
	Sear	rch	Criteria Group Type A/ Group Type Description Ain	COMPONENTS 💌	Get Details		Usage Invent	ory
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#	L	3	Group Code 🔎	Group Description			Level #	Parent Group
1	1	5	400007-CM-A330-FHC-COMPONENTS	Air Canada A330 FHC Components			1 🗸	
2	1	5					1 v	
1								

Figure 2.37 Building group hierarchy

- 2. Use the **Group Type** drop-down list box in the **Search Criteria** group box to specify the part group type for which the hierarchy details have to be defined.
- 3. Enter the Group Code in the Part Groups Information multiline.
- 4. Select the Level # as "1", "2", "3" or "4" to indicate the level of hierarchy at which the part group is located.
- 5. Enter the Parent Group.
- 6. Click the **Build Group Hierarchy** push button to build the part group hierarchy.

2.7 MANAGING PART TECHNICAL DATA REQUIREMENTS

The **Manage Part Technical Data Requirements** activity allows the user to maintain CADS as "Part Technical Data Requirements" in the system. It is a master screen that manages one Organization level requirements against each part. Also provision to maintain changes at customer level is provided. Parameter Requirements such as TSN, TSO, TSR, TSSV, CSN, etc can be captured in the 'Parameter Value Requirements' tab. Inspection Requirements such as Document Upload, Component Info. and Inspection Checklist can be captured in the 'Inspection Requirements' tab.

2.7.1 MANAGING PART TECHNICAL DATA REQUIREMENTS

1. Select the Manage Part Technical Data Requirements activity under the Part Administration business component. The Manage Part Technical Data Requirements page appears. *See Figure 2.38.*

☆ > 1	nvento	ory Setup ゝ	Part	Administration > Manag	e Part Tech	nica	l Data Require	mente	5											
* 8	Ма	nage Part	Tech	nical Data Requireme	ents											RAMCO OU-ram	co r	ole 🔻 🔀 🟳	÷	? []
Part	Level	Customer L	evel																	
_																				
- Sear	ch Crit	eria Doct #		_					at Ture		_				last Catagons					
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		ATA #		Q					Status		•				Search on			-		
		Valid from	03-06-	-2019					Valid to 02-	-06-2020	Ξř				Show F	evised				
										Creat										
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Param	eter Va	alue Require	nent	s Inspection Requirements																
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1		000:99999	=*	ELECTRICAL TEST HARNESS	Inactive	~	11-05-2019	i		Component / TOOLS /		FH N	~ I	No 🗸	No 🗸	No	~	No	~	
2		000:99999		ELECTRICAL TEST HARNESS	Active	~	11-14-2019	iiii		Component / TOOLS /		FC N	~ 1	Yes 🗸	No 🗸	Yes	~	Yes	~	
3		00703:59885	=•	FLAP POSITION	Inactive	~	10-21-2019	ΞĔ		Component / CSC / Rota	able	FH N	~ I	No 🗸	Yes 🗸	No	~	No	~	
4		0-0440-4-00	Ξ¥	SEE 25-30-0515 TROLLEY	Active	~	12-10-2019	Ē		Component / CSC / Rota	able	FC N	~ I	No 🗸	No 🗸	No	~	No	~	
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6		1318M46G07		COMBUSTION CASE	Inactive	~	12-01-2019	Ē		Component / EMC /		FC N	~ 1	Yes 🗸	Yes 💊	No	~	No	~	
7		161T2008-5:		SIDE STRUT LOWER	Active	~	12-22-2019	Ē		Component / CSC /		FC N	~ 1	Yes 🗸	No 🗸	No	~	No	~	
8		161T2008-5:	Ξ¥	SIDE STRUT LOWER	Active	~	12-25-2019	Ē		Component / CSC /		FH N	~ I	No 🗸	Yes 💊	Yes	~	No	~	
9		repl2	=*	repl2	Inactive	~	12-25-2019	Ē		Component / TOOLS /		FH N	~ 1	Yes 🗸	No 🗸	No	~	Yes	~	1233
10		ALLOCPART12		allocpart12	Active	~	01-24-2020	iiii		Component / AR12240 /	1	FC N	~ 1	Yes 🗸	Yes 💊	Yes	~	No	~	
		4	_		1			1												÷.
										Save PV. Requirements										

Figure 2.38 Managing Part Technical Data Requirements

- 2. Select the **Part Level** or **Customer Level** radio button to manage the Part Technical Data requirements at part level/customer level.
- 3. Provide the Search Criteria and click the Search pushbutton to retrieve the part technical data requirements.
- 4. Select the **Parameter Value Requirements** tab to record the parameter value requirements of the part.
- 5. Select the Inspection Requirements tab to record the inspection requirements of the part.

Recording Parameter Value Requirements

This tab enables the user to record the parameter value requirements of the part. See Figure 2.38.

- 1. Enter the Part # for which the parameter value requirements are recorded and Effective From date.
- 2. Select the **Parameter** of the part requirements.
- 3. Specify the Since New, Since Overhaul, Since Repair and Since Last Shop Visit to specify whether the parameter value is known.
- 4. Enter the **Source** and **External Rev. #** of the part.
- 5. Click the Save PV. Requirements pushbutton to record the parameter value requirements of the part.



Recording Inspection Requirements

This tab enables the user to record the inspection requirements of the part. See Figure 2.39.

~ > 1	nvento	ory Setup > I	Part	Administration > Manag	je Part Te	chnica	il Data Requir	ement	s	<u>~</u>											
★ 目	Ма	nage Part T	ech	nical Data Requireme	ents											RAMCO C)U-ramco role	•	x; ⊑	+	? [
Part I	Level	Customer Le	vel																		
- Sean	ch Crite	eria																			
		Part #		=				F	Part Type		-			Part Category				-			
		ATA #		0					Statue		_			Search on				_			
		010 7		Q					Status		•			Starthon				•			
		Valid from 0	3-06-	-2019					Valid to	02-06-2020					S	iow Revised					
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Paramet	er Valu	e Requirements	5 1	nspection Requirements																	
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#		Part #		Part Desc.	Status		Effective fro	m	Effective	e to Part Details		Req. Type		Entity		Requirements	Mandatory	Sou	urce	Source	e Ref. ≠
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2		000:99999	ΞY	ELECTRICAL TEST HARNESS	Active	~	10-09-2019			Component / TOO	.S /	Component Info.	~	Expiry Date	~		Yes 💊				
3		000:99999	=*	ELECTRICAL TEST HARNESS	Active	~	10-19-2019	iii		Component / TOO	.s /	Document Upload	~	Not Applicable	~	REWWW	No 💊	•			
4		0-0103-3-26	ΞY	SCREW	Active	~	10-15-2019	Ĩ		Consumable / HM ,	1	Component Info.	~	Expiry Date	~		No 💊				
5		000:99999		ELECTRICAL TEST HARNESS	Active	~	11-05-2019			Component / TOO	.s /	Component Info.	~	Manufactured D	~		No 💊	•			
6		000:99999	=*	ELECTRICAL TEST HARNESS	Active	~	11-14-2019	Ē		Component / TOO	.s /	Document Upload	~	Not Applicable	~	123	Yes 💊				
7		000:99999	=*	ELECTRICAL TEST HARNESS	Active	~	11-14-2019	Ē		Component / TOO	.s /	Component Info.	~	Expiry Date	~		No 💊				
8		000:99999	Ţ	ELECTRICAL TEST HARNESS	Active	~	11-01-2019			Component / TOO	.s /	Inspection Checklist	~	Not Applicable	~	yui	No 💊				
9		0-0440-4-00	Ξv	SEE 25-30-0515 TROLLEY	Active	~	12-17-2019	Î		Component / CSC	Rotable	Document Upload	~	Not Applicable	~	HELLO	No 💊	· Ope	en bal	13547	
10		100-01-1349:	Ξ	DZUS PUNCH SET M KIT	Active	~	11-01-2019	Ē		Component / TOO	.s /	Component Info.	~	Expiry Date	~		No 💊				
		4						(family	i	1											,
										Save Insp. Requireme											

Figure 2.39 Recording Inspection Requirements of the Part Technical Data

- 6. Enter the **Part #** for which the inspection requirements are recorded and **Effective From** date.
- 7. Specify the **Req. Type** of the part. The system lists the following values:
 - ▶ Inspection Checklist Indicates that the type of the inspection requirement is checklist.
 - Component Info. Indicates that the type of the inspection requirement is component Information.
 - Document Upload Indicates that the type of the inspection requirement is documents.
- 8. Specify the **Entity** of the part requirement type which could be 'Expiry Date', 'Manufactured Date' or 'Not Applicable' based on the requirement type.
- 9. Enter the **Requirements** details for the 'document' and 'inspection checklist' part requirement type.
- 10. Enter the **Source** and **External Rev. #** of the part.
- 11. Click the Save Insp. Requirements pushbutton to record the inspection requirements of the part.

2.7.2 RECORDING PART TECHNICAL DATA

This screen enables the user to record the parameter values and checklist requirement against each part.

- 1. Select the Update Part Technical Data link in the following screens. The Record Part Technical Data Requirements page appears. *See Figure 2.40.*
 - Inspect Parts activity of the Goods Inward business component
 - Create Loan/Rental Receipt activity of the Loan/Rental Receipt business component
 - Edit Loan/Rental Receipt activity of the Loan/Rental Receipt business component
 - View Loan/Rental Receipt activity of the Loan/Rental Receipt business component

52 | Inventory Setup

A	> In	vento	ry Setup 🔸 Part Admini	stration > Record Part Technica	l Data	•							
*		Reo	ord Part Technical Da	ata				RAM	1CO OU-ramco role 🔻	x: 🖯	‡ +	H	? 🗔 🖪
Do	cume isplay	nt Type 7 Option	Loan Rental Receipt	CLR-000014- 2020 Part # 00001	Document Date	03-31-2020 Display Serial # / Lot #	Tradin	ng Partner CUSTO	OMER 400007 Customer	8			
Par	ame	ter Val	ue Requirements Check	k List Requirements									
•	• •		1 - 2/2 🕨 🕨 🍸 🏹		시 브 🗟	🗴 🗈 🛋 📽 🕒	×Ŧ	🗕 💷 科 🛠	All	🔻 Sea	rch		Q
Ħ	ł		Part #	Part Description	Serial #	Mfr. Serial #		Parameter	Mand.?	Since New		Sinc	e Attachr
1			00001	Test	SL-000415-2019	MSN-27Nov2017-07	I	FC ¹	Since New Since				
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			4										ŀ
						Save							
Mana	ige Pa	art Tech	nical Data Requirements		Upload Documents				View Associa	ted Doc. Atta	chments	;	

Figure 2.40 Recording Part Technical Data Requirements

- 2. Select the **Display Option** drop-down field to specify the level at which the part technical data is to be retrieved. The system lists the options "Document Level" and "Part Level".
- 3. Click the **Search** pushbutton to retrieve the part technical data requirements.
- 4. Select the **Parameter Value Requirements** tab to record the parameter value requirements of the part.
- 5. Select the <u>Check List Requirements</u> tab to record the checklist requirements of the part.
- 6. Click the Save pushbutton to record the parameter values and checklist requirements of the part.

Recording Parameter Value Requirements

This tab enables the user to record the parameter value requirements of the part. See Figure 2.38.

- 7. Select the **Parameter** of the part requirements.
- 8. Enter the **Mand**.? as the concatenation of the parameters that are identified as Mandatory in the 'Manage Part Technical Data' Screen for the Part # in both Part level and Customer level.
- 9. Specify the Since New, Since Overhaul, Since Repair and Since Last Shop Visit to specify the parameter value of the part.
- 10. The system displays the **Source** as the level for which the parameter definition is available which could be "Part Level" or "Customer Level".

Recording Check List Requirements

This tab enables the user to record the checklist requirements of the part. See Figure 2.41.

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Paramete	r Value	Requirements Check	k List Requirements						
•	Found	no rows to display!!! 🕨	▶ ▼ X	7		X # # W # %	All	 Search 	Q
#		Part #	Part Description	Serial #	Lot #	Mfr. Serial #	Mfr. Lot #	Requirement Type	
					Found no rows to display!	1			
		4			Save				•
Aanage Pa	art Tech	nical Data Requirements		Upload Documents			View Associated D	oc. Attachments	

Figure 2.41Recording Checklist Requirements of the Part Technical Data

- 11. Specify whether the checklist requirements are to be verified?
- 12. Specify whether the checklist requirements are to be override? and the Override Remarks.
- 13. The system displays the **Source**, **Cust. #** and **External Rev. #**.

2.8 POOL MANAGEMENT

Many Airlines form a part of the IATP (International Airlines Technical Pool) or they sign up agreements with Pool providers in order to maintain enough stock of the Spare Parts required supporting the A/C Models that forms their fleet. Typically, the Pool definition comprises of the Parts supported from the Pool (Mostly Model specific Spare Parts), Customers who benefit from the Pool (Beneficiaries) and Stocking Locations (Warehouses), in addition to the other information, like the Payment Terms.

Pooling is attractive for new aircraft, when fleet size is small, reliability unknown, OEM parts expensive and used parts unavailable. In this activity, the user can define and maintain Pools with all the key information.

2.8.1 MAINTAINING POOL INFORMATION

14. Select Maintain Pool Information under Pool Management business component. The Maintain Pool Information page appears. *See Figure 2.42*.

	nventory S	etup > Pool Ma	anagem	nent > Maintain Po	ol Information			>>								
* 8	Mainta	in Pool Inforr	nation	I								RAMCO	OU-Ramco Role 💌	x ;	⇒ ←	? 🗔
	© Create	e 🔘 Modify	View		Pool ID/Rev # P111			, 0 1 ▼	Go							
2	Customers	1		Contracts	1 🚨 A/	C Mode	is 0	Parts	2	💄 St	ations	1	A Warehouses		1	
Pool	Information	n														_
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- Pool	Details —															
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44 4 # 1 2 2	1 - 1/3 Erro Set Reques	1 > > + = Customer = 400007	e for Cu	Customer Name Customer 8	Customer Contract # 234		Part Effectivity Line # V V Maintain Pool-Float View Associated Do	Part Sale List #	Part Sale Type	Remar	₩ UU ti %	All User Defin	Sean	ch ↔ U ↔ V	ser Defin	Q ed Ben
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- Reco	1 - 1/3 Ern Ern Set Reques Gred Statistics Cre	1 > >> + = Customer # 400007 st/Return Warehou: Upload	e for Cu	Customer Name Customer 8	Customer Contract # 234	Σ Ω	Part Effectivity Line # ~ ~ Maintain Pool-Float View Associated Do	Part Sale List #	Part Sale Type	Remar	₩ UU ti %	All User Defin	Sean ed Beneficiary Details Ulocation Rules pproved By	h 1 U *	iser Defini	Q ed Ben

Figure 2.42 Maintaining Pool Information

15. Select the one of the radio buttons Create, Modify or View to create, modify and view the Pool ID.

16. Enter the Pool ID/Rev # and click the Go pushbutton to retrieve the Pool ID Details in the Pool Details multiline.

In the 'Tile Section', the following tiles, each of which displays the count of recorded details will be displayed:

- Customers Displays the count of unique customers entered in 'Beneficiary details' enefi
- Contracts Displays the count of unique contracts entered in 'Beneficiary details' enef.
- A/C Models Displays the count of unique Aircraft Model # entered in 'Part details'art d
- > Parts Displays the count of unique Part #s entered in 'Part details'art .
- Stations Displays the count of unique Stations entered in 'Station Coverage'tati.
- Warehouses -

In the 'Pool Information' section,

17. Enter the **Pool ID** and **Pool Description** if the **Create** pushbutton is selected.

ramco

- 18. Specify the **Pool Category** and **User Status** of the Pool ID.
- 19. Enter the **Return Remarks** and **Cancellation Remarks** if the Pool ID is returned / cancelled.

In the 'Pool Details' multiline,

- 20. Select the **Beneficiaries** tab to record the details of the customer who benefit from the Pool.
- 21. Select the Part Details tab to record the details of the Parts supported from the Pool.
- 22. Select the Exclusions tab to record the exclusion details, if specific parts are with few customers.
- 23. Select the Station Coverage tab to record the station details that are supported from the pool.
- 24. Select the Warehouse Mapping tab to map the warehouses to the Pool ID.
- 25. Click the **Confirm** pushbutton to confirm the Pool ID.
- 26. Click the **Approve** pushbutton to approve the Pool ID.
- 27. Click the **Return** pushbutton to return the Pool ID.
- 28. Click the **Cancel** pushbutton to cancel the Pool ID.

Recording Beneficiaries details

This tab enables the user to record the customer details and contract details of the Pool ID. See Figure 2.40

- 29. The Beneficiary Details tab appears by default on launch of the Maintain Pool Information page.
- 30. Enter the Customer # and Customer Name associated to the Pool ID.
- 31. Enter the Customer Contract # and Part Effective Line # of the Customer Contract.
- 32. Click the Save Beneficiaries pushbutton to create/modify the beneficiary details of the Pool ID.

Recording Part details

This tab enables the user to record the part details of the Pool ID. See Figure 2.43.

Bene	ficiaries	5	Rart Det	ails	Exclusions	Station C	Coverage	War	rehouse Mappi	ng											
	1	- 2/2	• •	+ = (] ≫ ▼ ४							人	5	x x * •		X # # III	11 %	All	▼ Search	_	Q
#		Errc	Part #	Q	Part Description	7 Par	rt Type	Pa	Part Classification	Part Group		Part Planning Group	For	A/C Model # 💃	С	For A/C Reg. #	Q	For A/C Group # O	ATA #	ρ	Remarks
1			P1		yftjhtdrt	Exp	oendable	~	~	×	/	PartPlanningGro 🗸							00-00		
2			:35895		EXPRESS U.S.R	ATE SH Con	nsumable	✓ Re	epairable 🗸 🗸	×	1	123	-	Part deta	aile	s of the			00-00		
3								~	~	×	1	~		Dart # m		and to					
														the Pool							
		4																			×.

Figure 2.43 Recording Part details in Pool Information

- 33. Select the Part Details tab in the Maintain Pool Information page.
- 34. Enter the Part # associated to the Pool ID.
- 35. Specify the Part Type, Part Classification, Part Group and Part Planning Group of the Part.
- 36. Enter the For A/C Model #, For A/C Reg. #, For A/C Group # and ATA # associated to the part.
- 37. Click the Save Part Coverage pushbutton to create/modify the part coverage details of the Pool ID.

Recording Exclusion details

This tab enables the user to define the exclusions of the Pool ID for the specific parts that are only with few customers. *See Figure 2.44.*



	Benefic	iarie	5	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Ex	Lusions	Station Cover	age Warehouse I	Mapping						
	•	1	- 1/1	• • + -	- 0 :	» T X				人 🔟 🗟 🕅) 🛛	× C X # # III N	1/2 All	▼ Search	Q
	#		Errc	Part #	Q	Part Descrip	ntion	Customer #	Customer Name	Customer Contract #	Q	Part Effectivity Line # Remain	irks	User Defined Exclusion Details - :	1 User
	L			p1		yftjhtdrt		~				~			~
1	2							~				~			~
			4												×

Figure 2.44 Recording Exclusion details in Pool Information

- 38. Select the Exclusions tab in the Maintain Pool Information page.
- 39. Enter the Part # excluded from the Pool ID.
- 40. Use the **Customer #** drop-down list box to specify the Customer # excluded from the Pool ID.
- 41. Enter the Customer Contract # and specify the Part Effectivity Line # of the Customer Contract.
- 42. Click the Save Exclusions pushbutton to create/modify the exclusion details of the Pool ID.

Recording Station Coverage details

This tab enables the user to define the stations that are supported from the Pool ID. See Figure 2.45.

Bene	eficiarie	s	Part Details	Exc	lusions	Station Covera	age Warehouse Mapping					
*	• 1	- 1/1	> > +	- 🗆 🤋	< 🍸 🎢			人山	1 🛛 🛛 🕶 🗳 🗶 🖬 🛤 [10 🚺 🛠 All	▼ Search	Q
#		Erro	Station	Q	Remarks		User Defined Station Details - 1	User Defined Station Details - 2	User Defined Station Details - 3	User Defined Station Details - 4	Error Message	
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2							v	v		User Defined deta for the Station car entered	ails n be	
		4										•

Figure 2.45 Recording Station Coverage details in Pool Information

- 43. Select the Station Coverage tab in the Maintain Pool Information page.
- 44. Enter the **Station** that is supported from the Pool ID.
- 45. Click the Save Station Coverage pushbutton to create/modify the stations that are supported from the Pool ID.

Recording Warehouse mapping details

This tab enables the user to map the warehouse details to the Pool ID. See Figure 2.46.

Bene	++++++++++++++++++++++++++++++++++++++	s	Part Details	Exclusions	Station Cov	verage Warehouse	Mapping						
	• 1	- 1/1	• • +	- 0 % 7 %				노 🖬 🛛	🛛 🕶 🗳 🏅	3 🖡 🚧 💷 👫 🚿	All	 Search 	Q
#		Errc	Warehouse	# 🔎 Zone #	Q F	Restricted Customers?	Remarks	User Defined Warehouse Map	ping Details - 1	User Defined Warehouse	e Mapping Details - 2	User Defined Wareho	use Mapping D
1			0123						~		~		
2				Wareh of the be spe	ouse detai Pool ID ca cified	ils n			~		~		
		4											•

Figure 2.46 Recording Warehouse Mapping details in Pool Information

- 46. Select the Warehouse Mapping tab in the Maintain Pool Information page.
- 47. Enter the Warehouse #, zone # that is mapped to the Pool ID.
- 48. Click the Save Warehouse Mapping pushbutton to create/modify the warehouse mapping details of the Pool ID.

2.8.2 MAINTAINING WAREHOUSES FOR CUSTOMER REQUESTS

The **Maintain Warehouses for Customer Requests** screen enables the user to define a warehouse for the Pool and identify the Requesting Warehouse for a Customer Request based on the pool defined in it.

1. Select Maintain Warehouses for Customer Requests link in the Maintain Pool Information screen. The Maintain Warehouses for Customer Requests page appears. *See Figure 2.47*.

^ →	Invent	ory Setup > Poo	ol Ma	nagement > Maint	ain V	Varehouses for Cu	istomer Requests								
* 1	🛛 Ma	intain Wareho	ouse	s for Customer R	lequ	iests					F	AMCO OU-Ramco Role 🔻	× 🖨 🛱	÷	? 🗔
Search	Criteria														
Custom	ner # / Cu	istomer Name / Con	tract a	#/ Pool ID				Go							
Mappir	ng Detai	5													
	4 1	- 15/22 🕨 🗰	+	- 🗆 🗶 🍸 🏏					人血	3 🔀 🖂 ×* 🔀 1	F - III 14 %	All	 Search 		Q
#		Definition For		Customer # 0	•	Customer Name	Contract # 🔎	Pool ID	Pool Description	Station # D	Delivery Point	Request Warehouse	Q	Retu	rn ehouse
1		Part Sales	~	1BS		HONEYWELL		=*			~	AA			
2		Part Sales	~	400007	Ţ	Customer 8		=*			~	ADL	<u>_</u>	0123	
3		Part Sales	~	1MO		AAR CORP ATC		=*			~	AJP	=*		
4		Part Sales	~	2BU	_ ¥	CONDOR		=*			~	AY84	<u>=</u> *	0123	
5		Part Sales	~	2RG		CORSAIR		=*			~	B320-DL-SL	Ev		
6		Part Sales	~	3FD		AIR MACAU		=		ABC	~	BanCust	Ē	0123	
7		Part Sales	~	3GM		AIR ATLANTA		=*		AIR	~	BanCustUS	=*	0100	
8		Part Sales	~	400007		Customer 8		=*			~	AA	=*	0123	
9		Part Sales	~	1BS		HONEYWELL		=*			~	AA	=*		
10		Part Sales	~	1GD		AIR TRANSAT		=*			~	ADL	=*	0123	
11		Part Sales	~	1MO	_ ¥	AAR CORP ATC		=*			~	AJP	_ ¥		
12		Part Sales	~	2BU	_ ¥	CONDOR		=*			~	AY84	=v	0123	
13		Part Sales	~	2RG		CORSAIR		=*			~	B320-DL-SL	Ξ v		
14		Part Sales	~	3FD		AIR MACAU		=		ABC	~	BanCust	Ē	0123	
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		4													•
								2	iave						

Figure 2.47 Maintaining Warehouses for Customer Requests

2. Provide the Search Criteria and click the Go pushbutton to search based on the filter criteria entered.

In the Mapping Details multiline

- 3. Use the **Definition For** drop-down list box to specify the option for which the warehouse mapping is defined.
 - Exchanges Indicates that the warehouse mapping is defined for the Customer exchanges.
 - Part Sales Indicates that the warehouse mapping is defined for the Customer Part Sales.
- 4. Enter the Contract # and Pool ID with which the warehouse is mapped.
- 5. Enter the **Station #** and **Delivery Point** of the warehouse.
- 6. Enter the Request Warehouse from which the parts can be requested.
- 7. Click the Save pushbutton to save the warehouse mapping for customer requests.

2.9 CREATING A SERVICE

A service may refer to an activity such as cleaning, painting, supply of adhoc items, upholstery work etc. that are usually outsourced by airline operators and MROs. It is usually created based on the illustrated service catalogue of an organization. A service created is classified into main, planning and purchasing information, based on the various roles that require the need of the services.

The main information is the same across the organization and locations, but the planning and purchasing information are very specific to the individual organization or location. A purchase personnel belonging to a specific organization unit usually defines the purchase information of a service while the planner defines the planning requirement information of the service.

2.9.1 CREATING SERVICE MAIN INFORMATION

You can define a service by creating a unique identity for their main, planning and purchasing information. The service is identified by the unique number, which is generated by the system based on the predefined numbering pattern.

- 1. Select Create Service Main Information under the Part Administration business component. The Create Service Main Information page appears. *See Figure 2.48*.
- 2. Enter the **Service #** to specify the unique number of the service. The service number can also be generated automatically by checking the **Generate Service #** check box.
- 3. Select the **Reference Status** of the service as "Under Creation" or "Active" to specify whether the service information has been completely furnished.
- 4. Enter the Service Description.
- 5. Select the **Service Type** as "Regular" or "Conversion" or "Activity" to specify if the service is for regular purposes or for adhoc purposes.
- Regular: Select this option if a regular type of service such as cleaning the aircraft or component is to be performed.
- Conversion: Select this option if a service is to be performed for the conversion of primary input to some output (such as conversion of parts or components).
- Activity: Select this option if the service is performed as an activity on the part. For example, overhauling of engine.
 - 6. Select the Service Category.

D C	reate Service Main Information				= z	: 8	₽ 4	- ?	ø	ĸ
Se	rvice Identification Details									
	Service #			Reference Status	Active 🔻					1
	Service Description	Commercial agreements with supp		Key Word	SERVICE					
	Service Type	Regular 🔻		Service Category	GENERAL 🔻					
	E	Generate Service #		Numbering Type 👂						
Co	ppy Details									
	Service # 👂	COMMERCIAL AGREEMENTS Get Details								
	Location	•								
	Copy Options	All	Planning Information	Other Part Nos						
		Attribute	Purchase Information							
-Ba	asic Details									
	Standard Cost		and the second second	Currency	CAD					
	Default UOM 👂	srv Check any optio	in to indicate							
-01	ner Details	the details of the	e service to be							
	User Defined Detail - 1	copied		User Defined Detail - 2						
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	Eile Name Q	View File								
_	The Name 🖉	them the								
		Creat	te Service Main Information							
Edit Ser	rvice Main Information	Maintain Planning Information		Maintain Purchase Ir	formation					
Maintai	in Attribute Mapping	Maintain Other Part Nos								-

Figure 2.48 Creating service main information

- 7. Check the **Generate Service #** to automatically generate the service number and enter the **Numbering Type** based on which the service number is to be generated.
 - 🖎 Note: For details on creating numbering types, refer to the section "Defining numbering types for

transactions" in the "Inventory Setup" User Guide.

- 8. To copy details from an existing service, enter the **Service #** in the **Copy Details** group box and click the **Get Details** pushbutton to retrieve the details pertaining to the service.
- 9. Select the Location, to specify the organization unit from where the service details must be copied.
- 10. Check **All**, **Planning Information**, **Other Part Nos**, **Attributes** or **Purchase Information** box in the **Copy Option** group box to indicate the details of the service to be copied.
 - Note: If you enable the "All" option, the system copies all the service details and assigns the "Active" reference status to the new service. The system sets the planning status as "Fresh", if you copy the planning and purchase information for the service. Only users who have appropriate rights can copy the service details.
- 11. Enter the **Standard Cost** and the **Default UOM** of the service.
- 12. Click the Create Service Main Information pushbutton to save the service information details.
- 13. The status of the service is updated to "Active" or "Under Creation", according to the value selected in "Reference Status" field. Check the Generate Service # to automatically generate the service number and enter the Numbering Type based on which the service number is to be generated.
 - Note: For details on creating numbering types, refer to the section "Defining numbering types for transactions" in the "Inventory Setup" User Guide.

To provide further details,

- Select the **Maintain Planning Information** link, to provide planning information for the service.
- > Select the Maintain Purchase Information link, to provide purchase information for the service.
- Select the **Maintain Attribute Mapping** link, to provide attribute-mapping information.
- Select the **Maintain Other Part Nos** to provide other part numbers information

Refer to the topic "Updating the other part information for a part" for further details.

2.9.2 MAINTAINING PLANNING AND PURCHASE INFORMATION FOR THE SERVICE

You can add or modify the planning information and purchase information for a service. You can select a service and enter planning and purchase information for a service. The planning and purchase information of the service can be specified for each location. A service can be used in transactions only when the planning status of the service is "Active".

Updating planning information

You can specify the planning information associated with services in "Active" reference status.

- 1. Select Maintain Service Planning and Purchase Information under the Part Administration business component. The Select Service # page appears.
- In the Search Criteria group box, enter the filter criteria such as Service#, Planning Status, Service Description, Key Word, Service Type and Service Category and click the Search pushbutton to retrieve the service number for which you wish to update the planning information and purchase information.
- 3. Select the **Maintain Planning Information** link in the Select Service # page. The Maintain Service Planning Information page appears. *See Figure 2.49*.





Figure 2.49 Updating service planning information

- 4. Select the Planning Status of the service as "Fresh", "Active" or "Inactive".
 - Note: Services that are already in the "Active" status cannot be changed to "Fresh". Similarly, services in "Inactive" status cannot be changed to "Active" or "Fresh".
- 5. Select the **Location** from where you wish to copy the planning details in the **Copy Details** group box.
- 6. Check the **Purchase** box, if you wish to copy the purchase information also from the selected location and click the **Get Planning Details** pushbutton.
- 7. Select the **ABC Class** analysis classification as "A", "B" or "C", to specify the different levels of classification under which the service can be represented. This analysis is based on the earlier consumption records of the service.
- 8. Click the Update Planning Information push button to update the planning information of the service.

To provide further details,

> Select the Maintain Bill Of Material to update the bill of material details.

Updating bill of material details

The bill of material is a document associated with the service to be performed along with details of the part to be serviced. You can create only one bill of material for every service. You can modify the bill of material details only for those services, which are in the "Active" planning status.

1. Select the Maintain Bill Of Material link in the Maintain Service Planning Information page. The Maintain Bill Of Material page appears. *See Figure 2.50.*

In the Service Information group box:

- 2. Enter the Version # specifying the version number of the bill of material for the specified service.
- 3. Set the Modifiable At Order as "Yes" to allow modification of bill of material at order level. Select "No" otherwise.



Figure 2.50 Updating bill of material

In the Service Part Information multiline:

- 4. Set the Constituent Type for the service as "Primary Part", "Primary Output", "Secondary Output", "Core Returnable Input", "Returnable Input", "Issuable Input" or "Non Issuable Input" for which bill of material details must be updated.
 - 🔌 Note: If the service type is "Conversion", the constituent type could be "Primary Output", "Secondary Output", "Returnable Input", "Issuable Input" or "Non Issuable Input".
 - Note: If the service type is "Regular", the constituent type could be "Returnable Input", "Issuable Input", "Non Issuable Input" or "Core Returnable Input".
 - 🖎 Note: If the service type is "Activity", the constituent type could be "Principal Part", "Issuable Input", "Non Issuable Input", "Returnable Input" or "Core Returnable Input".
- 5. Enter **Part #** and **Quantity** of part associated with the service for which bill of material details must be updated.
- Click the **Maintain BOM** pushbutton to update the bill of material details. 6.

Updating purchase information for the service

You can specify the purchase information that must be associated with the service.

- 1. Select Maintain Service Planning and Purchase Information under the Part Administration business component. The Select Service # page appears.
- In the Search Criteria group box, enter the filter criteria such as Service#, Planning Status, Service Description, Key 2. Word, Service Type and Service Category and click the Search pushbutton to retrieve the service number for which you wish to update the planning information and purchase information.
- 3. Select the Maintain Purchase Information link in the Select Service # page. The Maintain Service Purchase Information page appears. See Figure 2.51.
- Select Planning Status of the service as 'Fresh'/'Active'/Inactive in Purchase Information group box, to indicate 4. whether planning details have been completely furnished and if the service is referred in various transactions.
- 5. Enter the **Preferred Supplier** to specify the default supplier from whom the service is obtained.
 - 🖎 Note: The preferred supplier must have been defined in the "Create Supplier" activity of the "Supplier" business component and must be in "Active" status. This supplier should be a 'Purchase Supplier'.
- Enter the Standard Purchase Price Purchase UOM of the service obtained from the supplier. 6.
- Enter the Receipt +ve Tolerance (%) and Receipt -ve Tolerance (%), to specify the maximum excess and minimum 7. deficit tolerance in percentage, which can be received for the service.
- Enter the **Receipt Horizon** specifying the interim time interval between two subcontract orders for the service. 8.



9. Enter the Minimum Order Qty for which the subcontract order was generated.

★ 🗎 Maintain Service Purchase Informati	on				<u></u>		i 🔶 '	? 🗔 🛛	
- Purchase Information				Date Format yyyy-d	ld-mm				*
Service # Service # Service Type Preferred Supplier & Standard Purchase Price Purchase UOM & Receipt Horizon Minimum Order Qty Pre Order Lead Time Post Order Lead Time	COMMERCIAL AGREEMENTS Commercial agreements with suppli Regular 99999 0.01000000 SRV		Planning Status Key Word Service Category Supplier Name Currency Default UOM Receipt -ve Tolerance (%) Lead Time Unit Process Order Lead Time Total Purchase Lead Time	Active Active General Supplier 1295 CAD SRV Days	Select the as "Days", "Months"	lead "We or "Y	time (ek", 'ears"	unit	
						-		0	
Basiness Function Purchase Order 2		Ordering Location RAMCOOU Update Purchase Information	Select "Yes" or "No	o" to specificable	y whether for the se	the ervice	Default Or Yes No	rdering L	
Record Statistics Created by Last Modified by	SCHELLAMUTHU SCHELLAMUTHU		Created Date Last Modified Date	2011-09-11 2011-09-11					+

Figure 2.51 Updating service purchase information

- 10. Enter the Pre Order Lead Time, Process Order Lead Time and Post Order Lead Time.
- 11. Click the Update Purchase Information pushbutton to update the purchase information for the service.

2.9.3 ASSOCIATING ATTRIBUTES TO THE SERVICE

Attributes are certain characteristics or traits of a service, which help in tracing the kind of service being provided.

1. Select the Maintain Attribute Mapping link in the Create Service Main Information page. The Associate Attributes page appears. *See Figure 2.52*.

	Associate Attributes						= 겨 를 다	←? ⊡ ₪
	Part Information					Date	Format yyyy-dd-mm	A
		Part/Service # COMMER	CIAL AGREEMENTS			Part Description Commercial	agreements with suppli	
		Part Category General				Part Type Regular		
-	Attribute Information	Regular Part/Service? Servi						
44	< <u>1</u> -1/1 > >> +>						▼	Q
#	Attribute Code P	Attribute Description		Attribute Type	UOM	Minimum Value	Standard Value	Maximur
1	001	Unit status		Quantitative				
2	4		Indicates that th associated to 's	ne attribute is ervice'				
_				Map Attributes				

Figure 2.52 Associating attributes to the service

- 2. Enter the Attribute Code that must be associated to the service in the Attribute Information multiline.
- 3. To associate a quantitative type of attribute, enter the Minimum Value, Standard Value and Maximum Value.
- 4. Enter the **Std Qualitative Value** to associate qualitative values, and select **Usage Type** of the attribute as "Sales", "Purchase", "Both" or "None".
- 5. Set the Trackable drop-down list box as "Yes" or "No" to specify whether the attribute is trackable.
- 6. Click the **Map Attributes** pushbutton to update the attribute mapping details of the service.

2.10 CONVERTING PART ATTRIBUTES

You can modify the attributes of the parts such as Part Type, Control Type, Expense Type, Issue Basis, Valuation Method, Adjust Actual Cost, Stockable, Expensing Policy and Part Account Group. Multiple attributes as mentioned above can be changed in the same document and multiple parts' attributes can also be changed in a single document.

2.10.1 MANAGING CONTROLLED DATA FOR PART RECORD

- 1. Select the **Initiate Part Master Controlled Data Change** link under the **Part Administration** business component. The **Manage Controlled Data for Part Record** page appears. *See Figure 2.53.*
- 2. Use the Change Category drop-down list box to select the category change.
- 3. Use the User Status drop-down list box to assign a user-defined status for the data change document.
- 4. Enter the code of the employee who requested for attribute change and date of change in the **Requested By/ Date** field.
- 5. In the **Part Details** multiline, enter the **Part #** for which the key attributes needs to be changed.

> Note: The specified part number must be defined in the "Part Administration" business component.

- 6. Click the Get Part Details pushbutton to retrieve the part details.
- 7. Use drop-down list boxes to modify key attributes of the part such as "Part Type", "Control Type", "Expense Type", "Issue Basis", "Valuation Method", "Adjust Actual Cost", "Stockable", "Expensing Policy" and "Part Account Group".
- 8. Use the **Serial # Logic** drop-down list box to indicate the method used to generate the serial numbers. The system lists "Automatic Generation" and "Manufacturer SI No.".
- 9. Use the **Serial Num. Type** drop-down list box to select the numbering type corresponding to the "Serial No Generation" transaction type, based on which the serial numbers are generated by the system.
- 10. Use the **Lot Num. Type** drop-down list box to select the numbering type for the lot number of the part.
- 11. Enter ATA # associated with the part.
- 12. Use the **Component ID Numbering Type** drop-down list box to select the numbering type for the generation of the component number automatically by the system.
- 13. Enter **Standard Cost** of the part.
- 14. Click the **Save** pushbutton to save the modified part attributes of the data change document.
- 15. Click the **Process** pushbutton to process the part attributes of the data change document.
- 16. Click the **Cancel** pushbutton to cancel part attributes of the data change document.

	ana	ge Controlle	d Data for Part Record								コニ 信	t +	?	[o
-)-Ch	ange	Document Deta	ails											
			Data Change #					Status						
			Change Category	•				User Status	Ŧ					
			Requested by / Date D	WSIANYK, RICHAF	曲			Currency CAI	>					
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#	8	Part # P	Part Description	From Part Type	To Part Type	From Control 1	Type	To Control Type		From Expense 1	Type		To	Exper
1	13	:35895	EXPRESS U.S.RATE SH EET	Consumable	Raw Material	✓ None		Serial - Lot	*	Revenue				
2	13	0-00-21200-199	1300-L ADHESIVE	Raw Material	Component	✓ Lot		None	*	Revenue				
3	10	0-001-368-016:	REPAIRABLE CAT3 STARTER	Consumable	Raw Material	✓ None		Serial	*	Revenue				
4	8	0-0033466-0:2D	TERMINAL	Consumable		✓ None			~	Revenue				
5	8					~			*					
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	0	Get Part Details	<	-										•
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- Ot Ipdate Tiew In - Re	Lot #	Get Part Details Details r / Serial # / Unit C ed Transactions I Statistics	View File File Name File Name Remarks Other References Save Cother Info Created by	Upload I View Do	View File Proce Documents cuments	5		Created Date		Cancel				•

Figure 2.53 Managing controlled data for part record

To proceed, carry out the following

- Select the **Update Lot/ Serial # Info. For Parts in Stock** link at the bottom of the page to update the lot / serial # for parts in the warehouse and view all the open transactions pertaining to the part.
- Select the **Upload Documents** link at the bottom of the page to upload the documents.

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2.11 MANAGE FREQUENTLY REQUESTED PARTS

When a Mechanic raises a request for a part, he/she requires assistance on list of parts that are typically sourced along with the requested part. In this activity, provision is given to assist setting up of parts by looking at the MR history for the parts requested together.

A new popup screen will be provided in the MechanicAnywhere app that will display the list of parts that are frequently requested together, when Mechanic is requesting for a Part #. Set option will be provided to configure the minimum number of MR instance to determine frequently requested parts based on MR history. Refer to **MechanicAnywhere** User Guide for more details. Similarly a new activity **Manage Frequently Requested Parts** is added in the **Part Administration** business component, which is discussed below:

2.11.1 MANAGING FREQUENTLY REQUESTED PARTS

1. Select the **Manage Frequently Requested Parts** activity under the **Part Administration** business component. The **Manage Frequently Requested Parts** page appears. *See Figure 2.54.*

^` >	Inve	ntory Setup ゝ	Part Administra	tion 🔰 Manage Frequently Requ	ested Parts	<u>~</u>								
* [D) I	Manage Freq	uently Reque	sted Parts					RamcoRole - RA	AMCO OU 👻 🕮 !		1 +	? 🗔	K
Searc	h Crit	eria Part #		Part Desc	ription		Search On		T	v				
						Get Details								
Part D	etail	5												
44	•	1 - 15 / 41 🕨	+ + − □	* T Tx			人口	5 x 2 8 x C	# # 00 Al		Ŧ			ρ
#		Part # 🔎	Task # 🔎	Part # requested together 🔎	Description	Remarks	Mapped?	Created By	Created Date	Last Modified By		Last Mod	ified Date	,
1		:10973-WA		:10973SRL1	Valve Bush 12" Serial		Yes	DMUSER	undefined					
2		:10973-WA		:10973ALOT1	:10973ALOT1		Yes	DMUSER	undefined					
3		:10973-WA		:6789	pump6789		Yes	DMUSER	undefined					
4		:10973S1		0-0110-3-0145:11268	0-0110-3-0145:11268		Yes	DMUSER	undefined					
5		:10973N1	0000-737-	:1097351	bush valve		Yes	DMUSER	undefined					
6		ZU4308SB:M531		0-0110-3-0145:11268	0-0110-3-0145:11268		Yes	DMUSER	undefined					
7		ZVE8G:P7749		0-0110-3-0145:11268	0-0110-3-0145:11268		Yes	DMUSER	undefined					
8		:10973N1		0-0110-3-0145:11268	0-0110-3-0145:11268		Yes	DMUSER	undefined					
9		:10973		0-0440-4-0001:36361-8402	Engine		Yes	DMUSER	undefined					
10		:10973N1		0-1:09058	0-1" OUTSIDE MICROMETER		Yes	DMUSER	undefined					
11		:10973N1		ZKBL8:P3715	EXPANDING - 1"DI BALL		Yes	DMUSER	undefined					
12		:10973N1		ZU4308SB:M5312	ELEC. HYDRAULIC PUMP		Yes	DMUSER	undefined					
13		0-0110-3-	0000-737-	:10973	Valve Bush 12"		Yes	DMUSER	undefined					
14		ZZ80175:P6651	0000-0000054	:10973	Valve Bush 12"		Yes	DMUSER	undefined					
15		:10973-WA		:1097351	bush valve		Yes	DMUSER	undefined					
		•												•
						Save								

Figure 2.54 Managing Frequently Requested Parts

- 2. In the **Search Criteria** group box, enter the filter criteria such as **Part #**, **Part Description** and **Search On fields** and click the **Get Details** pushbutton to retrieve the part details in the multiline.
- 3. Enter the **Part #** for which the frequently requested part is to be mapped.
- 4. Use the **Covers Alternate?** drop-down list box to specify the alternate part coverage for the part. The system lists the following values:
 - Direct Alternates Indicates that the direct alternates of the part will also be suggested with the frequently requested part definition.
 - Not Required Indicates that the alternates of the part will not be suggested with the frequently requested part definition.
- 5. Enter the **Task #** of the Material Request.
- 6. Enter the **Part # requested together** to specify the part # that is to be considered as the frequently requested part.
- 7. Click the Save pushbutton to save the mapping details of part and the part requested together.
- 8. Click the Suggest Parts pushbutton to retrieve the frequently requested parts for the part # selected in the multiline.

2.12 NOTES

Notes can be used to elucidate the cause or background of a transaction, situation or a task.

You can create generic or specific notes to justify various transactions, such as Inventory Control, Maintenance, Purchase, and Repair pertinent to parts.

By creating standard notes, you can avoid data entry during various processes/tasks.

2.12.1 MAINTAINING NOTES

1. Select the **Maintaining Notes** link under the **Part Administration** business component. The **Maintain Notes** page appears. *See Figure 2.55.*

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Note Type Notes			1-
		Standard?	Classification
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*		No 🗸	
			>
	Purchase V	Purchase V	Purchase No V No

Figure 2.55 Maintaining part notes

- 2. In the Part Details group box, enter Note Type and Notes.
- 3. Indicate whether the notes is standard or non-standard in Standard?.
- 4. Enter the **Remarks** and the valid date for the notes in **Reference Date**.
- 5. Enter the **Classification** of the note and the **File Name**.
- 6. Click the **Maintain Notes** pushbutton to save the note.
 - Note: The **Part #**field in the multiline is visible only when the screen is launched as a link from Purchase Order screen.

2.13 MAINTAINING DATA FOR TRADE COMPLIANCE – PART DATA & LICENSES

There is certain key information that is required to be maintained in order to export certain items. This includes the classification details such as HS Code, HSC Code, ECCN Code, etc. This information are identified and maintained in the Additional Information for Part. There is no downstream impact managed during the export using this information. Hence there arises the need to identify this classification information and also identify the license requirements for the export of an item.

Organizations that export controlled items including arms and ammunitions, need to obtain licenses from the regulatory bodies in order to export the items. In general, the regulatory bodies issue licenses for a Part to be exported from one country to another country, thereby making license numbers unique for a Part # - Export from Country –Export to Country combination. In general, the licenses are issued for a certain quantity, beyond which the exports made will not be allowed from the country. Hence, to identify the classification information and license requirements for export of controlled items "Maintain Trade Compliance Information" and "Maintain External License" have been introduced. This ensures that the Parts that require export licenses have required information recorded before being shipped out of an organization and export transactions could be validated only if the required details are available.

2.13.1 MAINTAINING TRADE COMPLIANCE INFORMATION

1. Select the **Maintain Trade Compliance Information** activity under the **Part Administration** business component. The **Maintain Trade Compliance Information** page appears. *See Figure 2.56.*

7		Mai	intain Trade Complia	nce Info	rmation						RAMCO) OU-ramco role	- x; ⊭	€ ?	6
se	arch	Criteria -													
P	art # /	Part Des	c. / Mfr. Part # / Mfr. #/Mfr.	Country / St	rip Part #			Search			Parts in Held Orders	,	Advanced Search		
Т	ade C	omplian	ce Information												
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	#		Part #	Q	Mfr. Part #	License Required?		ITAR Restriction?		Base Comm. Inv. Value	ECCN or USML Code	BATFE		HTS-B	
	1		0-001-368-016:35895	<u> </u>	0-001-368-016	Yes	~	Yes	~		CM-CD-2	~			
	2			=v			~		~			~			
			1								the Trade Complia	ince			
															,
								Save							
U	pload (Oocument	ts			View Associated Doc. Attachme	ents			Maintain	External License				



- 2. In the **Search Criteria** group box, enter the filter criteria such as **Part #**, **Part Desc.**, **Mfr. Part #**, **Mfr. #**, **Mfr. Country, Strip Part #** and click the **Search** pushbutton to retrieve the Trade Compliance details in the multiline.
- 3. Select the **Parts in Held Orders** checkbox to retrieve the Parts which are available in restricted orders identified in the **Manage Part Restrictions** screen.
- 4. Select the **Advanced Search** link to retrieve the parts based on the search criteria specified in the 'Advanced Search' pop-up.

In the Trade Compliance Information multiline,

- 5. Enter the **Part #** for which the Trade Compliance details are recorded.
- 6. Select the License Required? drop-down list box to specify whether the part requires License. The system lists the

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values "Yes" and "No" along with a blank value.

- 7. Select the **ITAR Restriction?** drop-down list box to specify whether the part is ITAR Restricted. The system lists the values "Yes" and "No" along with a blank value.
- 8. Enter the **Base Commercial Invoice value** of the Part #. This base commercial invoice value will be used to default in the Shipping note and thereafter get printed in the Commercial Invoice report.
- 9. Select the Comp. Code Type drop-down list box to specify the type of the trade compliance code.
- 10. Enter the Addl. Comp. Ref to identify the additional classification codes such as BATFE code, HS Code, ECCN Code, EAR Code etc.
- 11. Enter the **Import Ref. Code-1** and **Import Ref. Code-2** to identify any classification that is used to classify the Part for Import (similar to HTS code).
- 12. Enter the **Export Ref. Code-1** and **Export Ref. Code-2** to identify any classification that is used to classify the Part for Export (similar to Schedule B code).
- 13. Enter the Technical Notes and Classification Notes.
- 14. Click the History Icon is to view the details of the part notes. The **History** Pop-up appears displaying the **Notes Type**, **Notes**, **Last Updated By** and **Last Updated Date & Time**.
- 15. Click the Save pushbutton to record the Trade Compliance details of the part..

To proceed, carry out the following

- Select the Upload Documents link at the bottom of the page to upload the documents.
- Select the View Associated Doc. Attachments link at the bottom of the page to view the associated document attachments.
- Select the Maintain External License link at the bottom of the page to maintain the export control licenses for the part.

2.13.2 MAINTAINING EXTERNAL LICENSE

1. Select the Maintain External License activity under the Part Administration business component. The Maintain External License page appears. *See Figure 2.57.*

*		Aaintain External License									RAMCO OU-ramco re	ole 🔻	☆ ₽	€ ?	2
		Search by License #/Part #/Part Desc./M	r. Part #/Mfr. #/Mfr. Country/Strip Part #					- A	lert Licenses		Search	A	dvanced S	earch	
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#	E	External License #	External License Status		Legal Regulation		License	Туре	Valid I	From	Valid To		A	lert Days	
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					Save										
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Figure 2.57 Maintaining External License

2. Enter the External License # of the part - Export From Country-Export To Country combination.

- 3. Select the **External License Status** to specify the status of the External License. The system lists the values 'Active' and 'Inactive' along with a blank value.
- 4. Specify the Legal Regulation and License Type.
- 5. Enter the Valid From and Valid To between which the External License is valid.
- 6. Enter the Alert Days for Alert Limitation against the Licenses and the Part #.
- 7. Enter the Auth. Qty. and Auth. Value of the External License authorized parts.
- 8. Enter the Bal. Qty. and Bal. Value of the parts which can be exported against the Defined External License.
- 9. Enter the **Export to Country** and **Export from Country** of the part.
- 10. Hyperlinked **Partner Function** indicates whether the details of the Partner Function are available or not which could be "Yes" or "No". <u>Partner Function</u> Pop-up appears.
- 11. Enter the **Revision #** of the External License.
- 12. Click the Save pushbutton to record the external control license details of the part.

To proceed, carry out the following

• Select the Quick Links drop-down list box to navigate to the Maintain Trade Compliance Information screen.

Partner Function Pop-up

This Pop-up enables the user to record the Partner Nature, Partner Code, Name, Address and contact details of the supporting organizations.

1. Select the **Partner Function** icon in the **Maintain External License** screen. The **Partner Function** Pop-up appears. *See Figure 2.58.*

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#		Partner Nature	Partner Code	Partner Description
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		~		
		4		•

Figure 2.58 Partner Function Pop-up

- 2. Select the Partner Nature to specify the partner function.
- 3. Enter the **Partner Code** and **Partner Description**.
- 4. Enter the Address, City, State, Zip Code, Country, Phone No., Fax and E-Mail of the partner code.
- 5. Click the Save pushbutton to record the partner details.

3 STORAGE AREA ADMINISTRATION

Setting up the warehouse organization and opening stock balance in each storage area is addressed in this sub process.

Storage Administration business component enables you to define the various storage units for stocking the parts in various feasible locations of an organization.

User Defined Stock Status business component enables you to define your own stock status. An organization not only prefers to maintain the quantity of stock on hand, but would also like to track the quantity of stock in various statuses. This business component fulfills the need for defining your own stock status as well as configuring the behavior of the status.

Document Numbering Class business component enables you to define and generate the various numbering patterns for the different types of transactions in an organization. Document Numbering Class being a utility business component will be deployed centrally and all other business components that require the facility of document numbering will utilize the services of this business component.

Unit Of Measurement Administration business component is a master component that enables you to define various units of measurement for measuring different stock (parts) and is used across the organization in various business processes.

3.1 DEFINING APPLICABLE STOCK STATUS

3.1.1 CREATING A USER DEFINED STOCK STATUS

1. Select Create User Defined Stock Status under User Defined Stock Status business component. The Create User Defined Stock Status page appears. *See Figure 3.1.*

*		Create User Defined Stock S	tatus	E x	€ ?	¢ K
	Stock	Status Identification Details				-
	Statu	s Attributes Mapping	tock Status Stock Status Description			- 1
•	4	1 - 12 / 12 🕨 🕨 + 🗇 🕸	All 11 12 12 12 12 12 12 12 12 12 12 12 12	~		Q
#	8	Status Attributes	Mapping?			
1	2	Allocable	Yes		*	
2	1	Cycle Counting	Yes		*	
3	2	Default	Yes		*	
4	2	Nettable	Yes Select "Ves" or "No" to man		*	
5	2	Ownership-Customer	Yes the store to the store or a		*	
6	1	Ownership-Internal	Yes the slock status to one or		*	
7	1	Ownership-Others	Yes more of the pre-defined		*	
8	2	Ownership-Supplier	Yes attribute types		*	
9	2	Physical Inventory	Yes		~	
10	2	Scrap	Yes		*	
11	1	Stockable	Yes		*	
12	2	Valuated	Yes		*	
						_
			Create Stock Status			_
Part	Type N	Aapping	Transaction Mapping Status Mapping			•

Figure 3.1 Creating user defined stock status

- 2. Enter the **Stock Status**.
- 3. Enter the Stock Status Description.
- 4. In the Status Attributes Mapping multiline, use the Mapping? drop-down list box to map the stock status to one or more of the pre-defined attribute types "Allocable", "Cycle Counting", "Default", "Nettable", "Ownership-Customer", "Ownership-Supplier", "Ownership-Internal", "Ownership-Others", "Physical Inventory", "Stockable", and "Valuated". The user-defined stock status is categorized based on the status attributes.
- 5. Ensure that the "Nettable", "Valuated" or "Physical Inventory" status attribute is set as "Yes" only if the status attribute "Ownership-Internal" is mapped as "Yes".
- 6. Select 'Yes' for 'Valuated', if Ownership-Customer status attribute is 'Yes', only when the option 'Inventory Valuation for Customer stock' is set as 'Yes' in the 'Set Inventory Process Parameters' activity.
- 7. Select 'No' for 'Valuated', if the process parameter "Inventory Valuation for Supplier Stock" under category Stock Maintenance in the Set Inventory Process Parameter activity of Logistics Common Master is set as '0'.
- 8. Select 'Yes' for 'Valuated', if the process parameter "Inventory Valuation for Supplier Stock" under category Stock Maintenance in the Set Inventory Process Parameter activity of Logistics Common Master is set as '1'.
- 9. Select 'No' for Valuated, if stock status PBH or Consignment, regardless of the value of the process parameter "Inventory Valuation for Supplier Stock".
- 10. Ensure that the "Cycle Counting" is not set as "Yes" if stock status with ownership attribute of "Ownership-Others" is set as "Yes".
- 11. Ensure that the "Default" stock attribute is set as "Yes" only for one active stock status with ownership attribute of "Ownership-Internal" or "Ownership-Customer".
 - > Note: "Default" stock attribute cannot be set as "Yes" for multiple internal or customer stock statuses
- 12. Ensure that the "Default" stock attribute is not set as "Yes" for the stock statuses with ownership attribute of either "Ownership-Supplier" or "Ownership-Others".
- 13. Ensure that the "Nettable" and "Scrap" status attribute cannot be set as "Yes" simultaneously.
- 14. Click the **Create Stock Status** pushbutton to create the stock status. The system creates the user defined stock status and sets the status of the UDSS as "Active".
 - Note: You can inactivate the stock status in the **Edit User Defined Stock Status** activity under the **User Defined Stock Status** business component.
To provide further details,

- Select the **Part Type Mapping** link to map part types to the stock status defined.
- Select the **Transaction Mapping** link to map transactions to the stock status defined.
- Select the **Status Mapping** link to enable the stock conversion of stock from one status to another status and to set the alternate stock status for the selected stock status.

Mapping part types to stock status

You can identify the part types for which the stock status can be associated.

- 1. Select the Part Type Mapping link at the bottom of the Create User Defined Stock Status page. The Part Type **Mapping** page appears.
- 2. Use the **Stock Status** drop-down list box to select the stock status to which part types must be mapped.
- 3. In the **Part Type Mapping Details** multiline, use the **Mapping?** drop-down list box to map one or more part type to the stock status.
- 4. Click the Edit Part Type Mapping pushbutton to update the details.

Mapping transactions to stock status

You can identify the transactions for which the stock status can be associated.

- 1. Select the Transaction Mapping link at the bottom of the Create User Defined Stock Status page.
- 2. Use the **Stock Status** drop-down list box to select the stock status to which transactions must be mapped.
- 3. In the **Transaction Mapping Details** multiline, use the **Mapping?** drop-down list box to map one or more transactions to the stock status. Use the **Default?** drop-down list box to set the stock status as the default status for the transaction.
 - Note: Ensure that the "Mapping?" field is set as "No" for "Unplanned Return" and "Opening Balance" transactions, if the stock status is selected as "PBH".
 - Ensure that the "Mapping?" field is set as "No" for "Unplanned Receipt", "Unplanned Return" or "Material Request" transactions, when the stock status is selected as "Consignment".
- 4. Click the Edit Transaction Mapping pushbutton to update the details.

Enabling conversion of stock from one status to another

You can define the possible ways for setting stock status conversion. For example, if the "Quarantined" status is mapped to "Accepted" status, you are allowing the stock status to be converted from "Quarantined" to "Accepted", while recording transactions.

- 1. Select the **Status Mapping** link at the bottom of the **Create User Defined Stock Status** page.
- 2. Use the **Stock Status** drop-down list box to select the stock status for which you want to set Conversion and Alternate attributes.
 - Note: The system displays the system defined as well as the user defined stock status with the Active status in the drop-down list box.
- 3. In the **Status Mapping** multiline, use the **Conversion Permitted**? drop-down list box to map one or more status to the selected stock status. Select "Yes" to allow conversion of the stock status you selected in the "Stock Status Identification Details" group box to the stock status. displayed in the Stock Status column and "No" to disallow conversion.
 - Note: You must set the "Conversion Permitted?" field is set to "Yes" if the stock status in the header and the selected stock status in the multiline are having the same Ownership attribute. When the ownership attribute of stock statuses is different, the following conversion is possible:
 - a) From "Consignment" to any stock status with Ownership attribute "Ownership-Internal".
 - b) From "PBH" to any stock status of Ownership attribute "Ownership-Internal".
 - c) From "Ownership-Internal" to any stock status with Ownership attribute "PBH".

- 4. Use the **Alternate?** drop-down list box to set the alternate attribute of the stock status. Select "Yes" to set the stock status as a substitute for the stock status you have selected in the "Stock Status Identification Details" group box and "No" to disallow the stock status to be a substitute.
- 5. Enter the **Order of Preference** for the alternate stock status.
 - Note: The order of preference facilitates the system to allocate the alternate stock status, if you have specified multiple alternate stock statuses. For example, the stock status with the highest order of preference i.e., '1' is picked up as the first alternate. If this stock status is invalid or unavailable, the stock status with the order of preference set to '2' is sought and so on.
- 6. Click the **Edit Status Mapping** pushbutton to update the details.

3.2 DEFINING STOCK TRANSACTION UNIT OFMEASUREMENT

A part may be transacted in more than one unit of measurement based on the business requirement. You can define the unit of measurement for the different parts dealt by the organization. You can activate or inactivate a unit or measurement and convert a unit of measurement to another.

3.2.1 DEFINING THE QUICK CODES

What are quick codes?

Quick Codes are user-defined values, used to categorize a set of details of identified behavior. These quick codes are later used in the process of retrieving or addressing the details by referring to the quick code attached with the set of details. The quick codes created must be unique for the organization unit.

You can define the quick code values for the different quick code types. These values are used in all the other unit of measurement administration activities. The quick code type such as the "UOM category" is predefined in the system. Values can be defined for the quick code types.

1. Select the Create Quick Code under Unit of Measurement Administration business component. The Create Quick Code page appears. *See Figure 3.2.*

\star 🗎 Create Quick Code			■ ≭ 름	
Quick Code Type U0	OM Category 💌			
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# 🖾 Quick Code	Description			
1 🗖 Standard				
2				
		Create Quick Code		

Figure 3.2 Creating Unit of measurement quick code

- 2. Select Quick Code Type as "UOM Category" for which the quick codes have to be defined.
- 3. In the **Quick Code Details** multiline, enter the Quick Code, which is the unique identifier for the quick code.
- 4. Enter the **Description** of the quick code.
- 5. Click the **Create Quick Code** pushbutton to create the quick codes. The status of the newly created quick code is set to "Active".

3.2.2 CREATING A UNIT OF MEASUREMENT

1. Select Create UOM under Unit of Measurement Administration business component. The Create UOM page appears. See Figure 3.3.

*	Create UOM				= 7	: 🖷 🗗 🔹	+ ? 🗟 🗷			
	OM Information						-			
44 4	1 - 2 / 2 > >> + -	Ø∳¥¥,	人上同		All	-	Q			
#	D UOM Code	UOM Description	UOM Category		Fractions Allowed					
1	СМ	Centimeter	Standard	*	Yes		~			
2	E MIN	Minutes	Non-Standard	*	No		*			
3	.5			*	No		*			
_										
			Create UOMs							
Create	Create Part Independent Conversions									

Figure 3.3 Creating Unit of measurement

2. Enter the **UOM Code** in the **UOM Information** multiline.

- 3. Enter the **UOM Description**.
- 4. Select **UOM Category**.
- 5. Set the **Fractions Allowed** drop-down list box to "Yes", if the UOM can be used with fractions while recording transactions.
- 6. Click the **Create UOMs** pushbutton to create and save the UOM. The status of the unit of measurement is set to "Active".
 - Solution You can inactivate the unit of measurement in the **Edit UOM** activity under the **Unit Of** Measurement Administration business component.

3.2.3 CREATING UNIT OF MEASUREMENT CONVERSION

1. Select Create UOM Conversion under Unit Of Measurement Administration business component. The Create UOM Conversion page appears. *See Figure 3.4.*

Create UOM Conversion		1	≣ ≭ = ₽ ← ?	to K
	Enter the code identifying the			
44 4 1 -1/1 ▶ ₩ + = □ 4	UOM to be converted	<u>人 11</u> 10 1 12 首 24 0 単 14 11 All	T	Q
# 🖾 From UOM 🖉 🛛 To UOM 🖉				
1 🗉 CM 🦯 M	·		5.0000000	
2				
Enter the code identifyin	a the			
LION to subjet the #Energy				
UOM" must be converted	d	reate UOM Conversions		

Figure 3.4 Creating unit of measurement conversions

- 2. Enter From UOM and To UOM in the 'UOM Conversion Details' multiline.
- 3. Enter the **Conversion Factor**.
- 4. Click the Create UOM Conversions pushbutton to save the details.

3.3 SETTING UP STORAGE AREAS

3.3.1 SETTING PARAMETERS FOR STOCK ADMINISTRATION

You can customize the storage and warehousing of parts, by defining parameters vital to inventory management. These parameters are system-defined and mandatory. Hence, you must specify one of the permitted values for each of them. Subsequently you can modify the values of parameters, though you cannot change the category of the parameter.

1. Select the Set Warehouse Process Parameters link under the Storage Administration business component. The Set Warehouse Process Parameters page appears. See Figure 3.5.

		Addl. Search On Search	▼ ▼				
- 10 / 19695 - 10 / 19695 /arehouse # Cate	> + 0 0 0	Search					
- 10 / 19695 //arehouse # Cate 123 Geog	> + 🗗 🗘 🖏	Ϋ́,					
- 10 / 19695 /arehouse # Cate 123 Geog	+ + O Q Q	Υ T.					
/arehouse # Cate	egory				*		
I23 Geog		Parameter	Permitted Value				Value
	graphic Coordinate	Longitude	Enter the value for Longitude in decimals				55
123 Geog	graphic Coordinate	Latitude	Enter the value for Latitude in decimals				37
123 Othe	ers	Automated Stock Retrieval System	Enter '0' for 'Not Available' , '1' for 'Available'				0
L23 Proc	cess Automation	Confirmation of General Issue generated during Authorization of Material Request	Enter '0' for 'Manual' , '1' for 'Automatic'				0
123 Proc	cess Automation	Confirmation of General Issue generated during Receipt pegging to an Open MR	Enter '0' for 'Manual' , '1' for 'Automatic'				0
123 Proc	cess Automation	Confirmation of Maintanance Issue generated during Authorization of Material Request	Enter '0' for 'Manual' , '1' for 'Automatic'				0
L23 Proc	cess Automation	Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR	Enter '0' for 'Manual' , '1' for 'Automatic'				0
123 MMD	D Reports	Print Bar Code for Smart Return Operation	Enter '0' for 'No' , '1' for 'Yes'				1
123 MMD	D Reports	Print Bar Code for Smart Issue Operation.	Enter '0' for 'No' , '1' for 'Yes'				1
123 Proc	cess Automation	Confirmation of Repair Order Issue generated during Release of Repair Order for shipping	Enter '0' for 'Manual' , '1' for 'Automatic'				1
		Save					
	23 Pro 23 Pro 23 Pro 23 Pro 23 MM 23 MM 23 MM 23 Pro	Coners Process Automation Process Automation Process Automation Process Automation MMD Reports MMD Reports Process Automation	Same Automates such Relieven system 13 Process Automation Confirmation of General Issue generated during Authorization of Material Request 13 Process Automation Confirmation of General Issue generated during Receipt pegging to an Open MR 13 Process Automation Confirmation of Maintanance Issue generated during Authorization of Material Request 13 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR 13 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR 13 MMD Reports Print Bar Code for Smart Return Operation. 13 Process Automation Confirmation of Repair Order Issue generated during Release of Repair Order for shipping	33 Duties Automated stock reterieval system Enter '0' for Manual', '1' for 'Automatic' 34 Process Automation Confirmation of General Issue generated during Authorization of Material Request Enter '0' for 'Manual', '1' for 'Automatic' 35 Process Automation Confirmation of General Issue generated during Authorization of Material Request Enter '0' for 'Manual', '1' for 'Automatic' 36 Process Automation Confirmation of General Issue generated during Acthorization of Material Request Enter '0' for 'Manual', '1' for 'Automatic' 37 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter '0' for 'Manual', '1' for 'Automatic' 38 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter '0' for 'Nanual', '1' for 'Automatic' 39 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter '0' for 'Non', '1' for 'Automatic' 30 MMD Reports Pinit Bar Code for Smart Return Operation. Enter '0' for 'No', '1' for 'Yes' 313 MMD Reports Pinit Bar Code for Smart Issue Operation. Enter '0' for 'Nonual', '1' for 'Automatic'	33 Others Automated Sock Actived System Enter V for Nanali/, 1 for Available (1 for Av	33 Votes Automated stock received system Enter V for Maxadab, 1 for Availabe 34 Process Automation Confirmation of General Issue generated during Authorization of Material Request Enter V for Manual', 1 for Automatic' 33 Process Automation Confirmation of General Issue generated during Authorization of Material Request Enter V for Manual', 1 for Automatic' 34 Process Automation Confirmation of Maintanance Issue generated during Authorization of Material Request Enter V for Manual', 1 for Automatic' 35 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter V for Manual', 1 for Automatic' 36 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter V for Manual', 1 for Automatic' 37 Process Automation Confirmation of Maintanance Issue generated during Receipt pegging to an Open MR Enter V for Manual', 1 for Automatic' 38 MMD Reports Print Bar Code for Smart Return Operation Enter V for Yon', 1' for Yes' 31 MMD Reports Print Bar Code for Smart Issue Operation. Enter V for Yon', 1' for Yes' 31 Process Automation Confirmation of Repair Order Issue generated during Release of Repair Order for shipping Enter V for Yanual', 1' for Yautomatic'	33 Others Automates stock network system Enter 0 for Noc Available 1 f

Figure 3.5 Setting process parameters for warehouse

The Parameter Details multiline displays the categories, parameters and the permitted values.

- 2. Enter one of the permitted values in the **Value** field for the parameter.
- 3. Click the Set Warehouse Process Parameters pushbutton.

3.3.2 CREATING WAREHOUSE QUICK CODES

You can define the quick code values for the different quick code types. These values are used in all the other storage administration activities. The quick code types such as the "warehouse category" is predefined in the system. Values can be defined for the quick code types.

1. Select Create Quick Codes under Stock Administration business component. The Create Quick Codes page appears. See Figure 3.6.

*		Create Quick Codes		
	Quick	Code Details	Quick Code Type Warehouse Category	
44	4	1 - 2 / 2 > >> + 🗇 🕸	or v v. Let v K	
=	0	Quick Code	Description	
1		WIP	WIP Warehouse	
2	0	FSL	FSL Warehouse	
3	.0			
-				
			Create Quick Codes	
-				

Figure 3.6 Creating stock administration quick codes

- 2. Select the **Quick Code Type** as "Warehouse Category" or 'Warehouse Group' for which the quick code type is to be defined.
- 3. In the **Quick Code Details** multiline, enter the Quick Code, which is the unique identifier for the quick code.
- 4. Enter the **Description** of the quick code.

5. Click the **Create Quick Codes** pushbutton to create the quick code. The status of the newly created quick code is set as "Active".

3.3.3 CREATING WAREHOUSE INFORMATION

1. Select Create Warehouse Information under the Storage Administration business component. The Create Warehouse Information page appears. See Figure 3.7.



Figure 3.7 Creating warehouse information

- 2. Enter the warehouse number in **Warehouse #** field.
- 3. Enter the **Description**.
- 4. Specify the Warehouse Type as "Normal" or "Free".
- 5. Select the Warehouse Category and Warehouse Group.
- 6. Enter the **Finance Book** associated with the warehouse.
- 7. If you wish to copy existing warehouse details, enter **Warehouse #** and specify the **Copy Options** in the **Copy Details From** group box and click the **Get Details** pushbutton.
- 8. Specify Warehouse Settings.
- Check the **All Part Types Allowed** box to allow storage of all types of parts.
- Check the All Transactions Allowed box to allow all transactions that are predefined in the system.
- Check the All Stock Status Allowed box to allow storage of stocks that are in any user-defined stock status.
- Check the Allow Reservation / Hard Allocation box to allow the parts in the warehouse to be reserved or hard allocated.
- Check the **Allow Backflushing** box to allow the parts in the warehouse to be back flushed.
- Check the **Allow Offline Usage** box to enable the warehouse to be used during offline field operations.
 - Note: You can select the check box only if "Offline System Applicable?" Is Yes in the Set Global Parameters activity of the Installation Parameter Setup component
 - 9. In the **Warehouse Capacity Setting** group box, select the **Capacity Constraint** as "Volume", "Weight", "Quantity" or "Not Applicable", to specify the capacity of the stock accommodated in the warehouse. If the Warehouse is of type "Free" then the capacity constraints can be defined at the Warehouse level, else either at the Zone level (Free Zone) or at Bin level (Normal Zone).

- 10. Enter **Volume** and **Volume UOM** if the capacity constraint is "Volume".
- 11. Enter Weight and Weight UOM if the capacity constraint is "Weight".
- 12. Click the **Create Warehouse Information** pushbutton to store the warehouse details. The system creates the warehouse number and sets the status of the warehouse as "Active".

To provide further details

- Select the **Create Zone Information** link, to create zones for the warehouse of type "Normal".
- Select the Select Edit Warehouse-Stock Status / Condition Allowed link, to specify the stock statuses and the component conditions that are allowed in the warehouse.
- Select the **Select Transactions Allowed** link, to specify the transactions such as receipts and issues that can be allowed in the warehouse.
- Select the Select Part Types Allowed link, to select the part types such as components and expendables that can be stored in the warehouse.
- Select the Map Warehouse User link, to map the warehouse to users.
- Select the Edit References link, to specify the reference details for the Warehouse.
- Select the Edit Interim Storage Area/ Associated Warehouse link to specify the interim storage area details.
- Select the **Set Warehouse Process Parameters** link to define process parameters for the new warehouse.

Creating zone information

1. Select the Create Zone Information link in the Create Warehouse Information page. The Zone Information page appears. *See Figure 3.8.*

*	Ð	Zone Information						III 7\$		+	? 🖾 🗖
-	Ware	house Details									
			Warehouse # 122			Description sa					
			Warehouse Type Normal			Warehouse Category Cu	tomer				
	Zone	Details									
	4	1 -1/1 > >> +					All		•		Q
#		WH - Zone #	Zone Type	Zone Description		Capacity Constraint		Volume			Volume UO
1		W1-Z1	Normal 🗸			Not Applicable	~				
2			Normal			Not Applicable	~				
			Specify the								
		•	storage typ	e of 🛛 🚽							•
			the zone as Normal or F	ree	Create Zone Information					Create	Bin Information
View	File										

Figure 3.8 Creating zone information

- 2. Enter WH Zone #, Zone Type and Zone Description in the Zone Details multiline.
- 3. Select the **Capacity Constraint** as "Volume", "Weight", "Quantity" or "Not Applicable", to specify the capacity of the stock accommodated in the zone. The capacity constraint can be specified for a "Free" zone in this user interface.
- 4. Enter Volume and Volume UOM, if the capacity constraint is set as "Volume".
- 5. Enter Weight and Weight UOM if the capacity constraint is set as "Weight".
- 6. Set the **Proximity Indicator** as "Near", "Medium" or "Far", to specify the position of the stock from a reference point to be placed in the zone.
- 7. Enter the Placement Priority, to specify the priority with which parts must be placed into the various zones.
- 8. Enter **Picking Priority** to specify the priority with which parts must be issued from the various zones.
- 9. Click the **Create Zone Information** pushbutton to create the zone within the warehouse. The system creates the unique zone number and sets the status as "Active".

To provide further details,

• Select the **Create Bin Information** link, to create bins for the normal zone.

Creating bin information

1. Select the **Create Bin Information** link in the **Zone Information** page. The **Bin Information** page appears. *See Figure 3.9*.

★ 🗎 Bin Information			44	4 1)	₩ 1	/1 📰	73		+	? [O K
Warehouse Details											
	Warehouse # 122		Des	cription sa							
	Warehouse Type Normal		Warehouse C	ategory Cust	omer						
Zone Details	WH - Zone #	v	VH - Zone Des	cription							
			-				_	1-1	_	_	0
	C T T,		Volume	* * *	All	Volume H		We	inht		2
1 1-A3 BER Mate	rial	Not Applicable	volume			Volume of		we	ignic		
2 🗉		Not Applicable									
											,
	Create Bin Information										
View File											

Figure 3.9 Creating bin information

- 2. Enter the **Bin #** and **Bin Description** in the **Bin Details** multiline.
- 3. Select the **Capacity Constraint** as "Volume", Weight", "Quantity" or "Not Applicable", to specify the capacity of the stock accommodated in the bin.
- 4. Enter Volume and Volume UOM if the capacity constraint is set as "Volume".
- 5. Enter Weight and Weight UOM if the capacity constraint is set as "Weight".
- 6. Set the **Proximity Indicator** as "Near", "Medium" or "Far", to specify the position from a reference point of the stock to be placed in the bin.
- 7. Enter the **Placement Priority** to specify the priority with which parts must be placed into the various bins.
- 8. Enter **Picking Priority** to specify the priority with which parts must be issued from the various bins.
- 9. Enter File Name to provide a document reference and Remarks.
- 10. Click the **Create Bin Information** pushbutton to create the bin within the normal zone. The system creates the bin number and sets the status as "Active".

Selecting the stock status/ component condition allowed for the warehouse

1. Select Stock Status / Condition Allowed link in the Create Warehouse Information page. The Edit Warehouse - Stock Status / Condition Allowed page appears. See Figure 3.10.

*		Edit Warehouse - Stock	k Status / Conditio	n Allowed			≣ ≭	-		+ ?) [e	К
	Varel	nouse Information										_
			Warehouse # 12 Description sa	2		Warehouse Category Customer						
-	llow	able Component Conditions –										
			Condition	Serviceable	Phased-Out							
	itock	Status Details		Overhauled								
44	4	1 - 5 / 19 🔸 👐 🕂 🗇	OGTT,					×	1			Q
#	12	Stock Status	Applica	ble								
1		2131	Yes								*	
2		Accepted	Yes								*	
3	0	Aveos Owned	Yes								*	
4		Consigment for Exchange	Yes								*	
5		Consignment	Yes								*	
-					Edit Stock Status Allowed							
-												

Figure 3.10 Entering stock status allowed

2. The system displays the Warehouse #, Warehouse Category and Description in the Warehouse Identification Details

group box.

- 3. The system lists all the user defined **Stock Status** that are in Active status.
- 4. Check the New, Unserviceable, Serviceable, Phased Out and/or Overhauled box in the Allowable Component **Conditions** group box, to specify the component conditions that are allowed in the warehouse.
- 5. Set the status setting to "Yes" or "No" in the **Applicable** drop-down list box to allow the status setting for the stocks in the warehouse.
- 6. Click the **Edit Stock Status Allowed** push button to update the list of status and component conditions allowed for the stocks in the warehouse.

Selecting the part types allowed for the warehouse

- 1. Select Part Type Allowed link in the Create Warehouse Information page. The Warehouse Part Types Allowed page appears. *See Figure 3.11.*
- 2. Set the status to Yes in the **Applicable** drop-down box in the Part Classification Details multiline to allow parts of the selected part classification to be stored in the warehouse.
- 3. Set the status to Yes in the **Applicable** drop-down box in the Part Types Details multiline to allow parts of the selected part types to be stored in the warehouse.

*		Warehouse - Part Types A	llowed				2\$ (+	?	6
-	Ware	house Information									-
			Warehouse # 122		Warehouse Category Cu	tomer					
			Description sa								
	Part	Classification Details									
44	4	1-4/4 > > + @ Ø	Q T T.			All	Ŧ				Q
=	10	Part Classification		Applicable							
1	D	Repairable		Yes						~	
2	E	Non-Repairable		Yes						*	
3	D	Rotable		Yes						*	
4	0	Controllable		Yes						*	
5	0			No						*	
-	Part 1	Type Details				All					0
-	10	Part Types	Applicable		A HOYKEN A HU	All		-		_	~
1		Component	Yes						~		
2	0	Consumable	Yes						*		
3	0	Expendable	Yes						*		
4	10	Kit	Yes						*		
5	0	Miscellaneous	Yes						*		
6	0	Raw Material	Yes						*		
7	0	Tool	Yes						~		
8	D		No						*		
-							 				_
				Edit Part Types Allowed							

Figure 3.11 Entering part types allowed

4. Click Edit Part Types Allowed pushbutton to update the list of the part types allowed in the warehouse.

Selecting the transactions allowed for the warehouse

- 1. Select the Select Transactions Allowed link in the Create Warehouse Information page. The Warehouse-Transactions Allowed page appears. *See Figure 3.12.*
- 2. In the Warehouse Information group box the system displays Warehouse #, Warehouse Category and Description.
- 3. In the **Transaction Types** details multiline the system displays the **Business Component Name** and the **Transactions**.



*		Warehouse - Transactions Allowe	d						
	Warehouse Information								
Warehouse ≠ 122 Warehouse Category Customer Description 5a									
44	(4 1 - 9/42) 》 + □ 0 C, T T, 人社 □ X 2 前 3 平 3 Ⅱ AⅡ ▼ ○								
=	0	Business Component Name	Transaction	Applicable					
1	10	Facility Management	Tool Operations	Yes	*				
2	10	Flight Log	Journey Log	Yes	*				
3	10	Flight Log	Technical Log	Yes	*				
4	10	Goods Inward	Customer Goods Receipt	Yes	*				
5	13	Goods Inward	Regular Purchase	Yes	*				
6	83	Goods Inward	Repair Receipt	Yes	*				
7	13	Goods Receipt	Goods Receipt	Yes	*				
8	23	Kit Management	Break Kit	Yes	•				
9	10	Kit Management	Build Kit	Yes	*				
	Edit Transactions Allowed								

Figure 3.12 Entering transactions allowed

- 4. Set the status to "Yes" or "No" in the **Applicable** drop-down box to allow transactions in the warehouse.
- 5. Click the **Edit Transactions Allowed** pushbutton to update the list of transactions allowed for the warehouse.

3.3.4 GRANTING WAREHOUSE ACCESS PRIVILEGE FOR USER

You can give privileges to users to access multiple warehouses.

- 1. Select Set Warehouse Access Privileges under the Storage Administration business component. The Select User page appears.
- 2. Select Grant Warehouse Access to Users link in the Select User page. The Grant Warehouse Access to User page appears. *See Figure 3.13.*

* 🗎 Grant Warehouse Access to User	< <p> {</p>							
User Information								
User Name 11363	Employee Name Ramco, Dmuser							
(4 4 1 - 2/2) >> + - □ ≠ 0 0 T T;	▲ LL I X Z III X III X III ▼ A							
# 🖾 Warehouse # 👂 Warehouse Description	Warehouse Category							
1 🗖 0123 Toronto Warehouse	Main							
2 DOH-SER Doha serviceable								
3								
	Grant Access							
Grant Access Privileges for Warehouse	Const Econor Divideore for Watchares							

Figure 3.13 Granting warehouse access to user

- 3. The system displays User Name and Employee Name in the User Information group box.
- 4. Enter the Warehouse # for which the user must be provided the access rights.
- 5. The system displays the Warehouse Category and Warehouse Description.
- 6. Check the Select Column box in the multiline to mark the warehouse number to which the user must be mapped.
- 7. Click on the **Grant Access** push button to map the warehouse to the user.

Associating users to warehouse

- 1. Select Grant Access Privilege For Warehouse link in the Grant Warehouse Access to User page. The Associate Users page appears. *See Figure 3.14.*
- 2. The system displays the Warehouse # and Warehouse Description in the warehouse information group box.
- 3. In the Copy Details group box enter the Warehouse # from which the various users accessing the Warehouse shall



be copied. The system displays all the users mapped to the specified warehouse #.

- 4. Enter the **User Name** that has to be mapped to the particular warehouse.
- 5. Click the **Associate Users** pushbutton to associate the users to the particular warehouse.

*		Associate Users	(< 1 2) >> 1 /2 Ⅲ 式 膏 ♫ ← ? □ K
	Wareh	iouse Information	
-		Warehouse # 0123	Warehouse Description Toronto Warehouse
	Copy L	Warehouse # P	
	User I	nformation	
44	4	1-5/13 * * + - 0 % 0 C T T,	
#	D	User Name D	
1	1	10099	
2	8	10333	
3		10670	
4		11363	
5	1	9472	
		Ass	rciate Users
-			

Figure 3.14 Associating users to warehouse

3.3.5 MAINTAINING STORAGE LOCATION

1. Select Maintain Storage Location link under Storage Administration business component. The Maintain Storage Location page appears. *See Figure 3.15*

St	orag	e Location Info						Di	ate Format yyyy-dd-mm			
4	Ē	1 - 10 / 45 + + - 🗇	5 0 0 T T.		L L U X C	菌:	x+ # # III	Al	f	¥		
	E1.	Storage Location	Description	Station P	Status		Created by		Created Date			
	10	JFK	JFK Location	LHR	Active	~	SCHELLAMUTHU		2011-09-11 14:50:20			
		МЕМ	MEM Location	MEM	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
		MSP	MSP Location	MSP	Active	~	SCHELLAMUTHU		2011-09-11 14:50:20			
	0	OB-Transit	Initial Load Location	YUL	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
	0	OPBal-CO	Opening Inventory Load	YUL	Active	~	SCHELLAMUTHU		2011-09-11 14:50:20			
	13	OPBal-RO	Opening Inventory Load	YUL	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
	0	OPBal-Spare	Opening Inventory Load	YUL	Active	~	SCHELLAMUTHU		2011-09-11 14:50:20			
	0	OPBal-Wip	Opening Inventory Load	YUL	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
	0	ORD	ORD Location	ORD	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
		SAL	SAL Loaction	DUB	Active	*	SCHELLAMUTHU		2011-09-11 14:50:20			
		4				_						
				Maintain Charage Location								
				Maintain Storage Location								

Figure 3.15 Maintaining storage location

- 2. Enter the **Storage Location** to indicate the code defined under a station to which multiple warehouses can be mapped in the "Storage Location Info" multiline.
- 3. Specify the **Description** of the storage location.
- 4. Enter the Station to indicate the code identifying the station which has many storage locations under it.
- 5. Click the Maintain Storage Location pushbutton to define and update the storage location details in a station.

3.3.6 MAINTAINING STORAGE ALLOCATION STRATEGIES

- 1. Select Maintain Storage Allocation Strategies link under Storage Administration business component. The Warehouse Selection page appears.
- Enter Warehouse # directly and select Maintain Storage Allocation link provided alongside or specify the Search Criteria to search for a warehouse, select the warehouse in the multiline and select the Maintain Storage Allocation link below the multiline. The Maintain Storage Allocation page appears. See Figure 3.16.
- 3. Enter the WH Zone # and Bin # in the Default Values group box.
- 4. Set the **Storage Category** as "Exclusive", "Shared", "Blank" or "Not Applicable" to specify the category of storage allocation. Free Warehouse shall take up the value "Not Applicable".

- 5. Set the **Storage Rule** as "Only At" or "Also at" or "Space" or "Not Applicable", to specify whether the parts entered in the multiline must be stored only in this warehouse and/or at other warehouses. Free warehouse shall take up the value "Not Applicable".
- 6. Enter the **Part #** in the multiline.
- 7. Enter the **WH Zone#**. You can leave this field blank, if the associated warehouse is of type" Free". Enter **Bin #**. You can leave this field blank, if the associated zone is of type "Free".
- 8. Enter the Storage Category and Storage Rule.
- 9. Enter **Capacity Maximum Quantity** to specify the maximum quantity of the part that can be allocated in the warehouse, zone or bin.
- 10. Click the Maintain Storage Allocation pushbutton to update allocation details.

To provide further details,

• Select Maintain Storage Strategies link, to adopt a strategy for the storage allocation procedure.

Maintain Storage Alloo	cation			
- Warehouse Information - Default Values - Storage Allocation Information	Warehouse # 122 Warehouse Type Normal Capacity Constraint Not Applicable WH - Zone # Storage Category Exclusive	Select "Only At", if the stored only in this wa "Also At", if the parts also at other warehou	e parts must be rehouse. Select can be stored Ises Bin ≠ Storage Rule Only At	v
44 4 1 - 1/1 → → → # Part # P 1 0-00-21200-19927-1:P6 2 0	+ - □ ≠ 0 € T T. Part Description 3371 1300-L ADHESIVE	Select "Exclusive", if only specific part can be stored. Select "Shared", if any part can be stored	人 hu 『 文 定 曲 文 ゆ 単 細 肌 All WH-Zone # ク Bin # ク Storag	e Category Storage Rule
		Maintain Storage Allocation		Maintain Storage Strategies
View Parts Information		View Zone Information	View Bin Information	

Figure 3.16 Maintaining storage allocation

Maintaining storage strategies

- 1. Select the Maintain Storage Strategies link in the Warehouse Selection or Maintain Storage Allocation page. The Maintain Storage Strategies page appears. *See Figure 3.17*.
- 2. Enter the **Search Criteria** to specify the **Part #** for which the storage strategy information must be retrieved.
- 3. Use the **Stock Status** drop-down list box to select the stock status of the part. The system lists all the "Active" stock statuses, as defined in the **User Defined Stock Status** business component. Leave this field blank to retrieve all parts irrespective of their stock status.
- 4. Enter the Trading Partner Type.



Maintain Storage Strategie	s				m 7		+ 1	
Warehouse Information								0
	Warehouse # 122			Description sa				
-	Warehouse Type Normal		1	Warehouse Category Cus	tomer			
Search Criteria								
	Part #			Part Description				
	Stock Status	•	Search	Trading Partner #				
Storage Strategy Information			Statu					
44 4 1 -1/1 > >> + -	0 % 0 0 T T.				All	Ŧ		۶
# 🖹 Part # 🔎	Part Description		Stock Status		Trading Partner Type			Trading Pa
1 🖾 0-008463:35104	LEAD		Accepted	~				
2 🖾				~				
4								
		11-1-						
		Main	tain Storage Strategies					

Figure 3.17 Maintaining storage strategies

- 5. Enter the **Trading Partner #** which could be supplier code or customer code.
 - Note: The code can be entered fully or partially using the "*" character. The system retrieves all the records containing the trading partner number entered here.
 - Note: Ensure that the code entered here is valid for the trading partner type that is mapped to the selected stock status in the "User Defined Stock Status" business component. Also ensure that the code entered here is an active trading partner, as defined in the "Customer" or "Supplier" business component.
 - Note: Ensure that the "Trading Partner #" is not left blank if the stock status selected has the 'Ownership' attribute mapped as either Customer or Supplier.
- 6. Set the **"Placement Strategy**" as "Fixed Storage", "Storage Proximity", "Existing Stock Addition", "Next Empty Storage" or "Manual", to set the method of placing the part in the zone or bin.
- 7. Enter the **Default Placement Zone** to specify the zone where the stock must be placed.
- 8. Enter the **Default Placement Bin** to specify the bin where the stock must be placed.
- 9. Select the **Picking Strategy** as "LIFO", "FIFO", "Min Remaining Shelf Life", "Min Remaining Life", "Max Remaining Life", "Maximum Zone/Bin", "Min Lot", "Manual", "Default Zone/Bin" or "Minimum Zone/Bin".
- 10. Enter the Default Picking Zone and Default Picking Bin.
- 11. Click the Maintain Storage Strategies pushbutton to store the information.

3.3.7 MAINTAINING EXTERNAL STOCK ALLOCATION

1. Select the Maintain External Stock Allocation link in the Select Warehouse. The Maintain External Stock Allocation page appears. *See Figure 3.18*.

★ 🗎 Maintain External Stock Allocation				44 4 1 2	3 4 5 + ++ 1	/50	0 🗐	x; =	1	+ ?	
Warehouse Information										Alantain Storage Strateg	
Warehouse ≠ 0123 WH-Zone ≠ 01	v	Get [Details		Warehouse Type Normal Bin #						
Storage Allocation Information Storage Category Exclusive Trading Partner Information											
$ \label{eq:constraint} \ensuremath{ \ensur$				YFAXE	11A 111 年 年 122 首				■ □ ← ? □ □ ■ □ <p< th=""><th>Q</th></p<>	Q	
# 🗖 Trading Partner # 🖓	Trading Partner Type		Trading Partner Name		Storage Rule		Default	Location?			
1 🖾 400007	Customer	*	Customer 9		Also At	*	No				*
2 🗇	Customer	*			Only At	*	No				*
	Maintain Stock Allocat	ion							Maint	ain Storaç	ge Strategies

Figure 3.18 Maintaining external stock allocation

2. Use the **WH – Zone #** drop-down list box in "Warehouse Information" group box to specify the zone.



- Note: If the warehouse type is "Normal", the system lists all the active zones valid for the specified warehouse. If the warehouse type is "Free", the system leaves this field blank.
- 3. Use the **Bin #** drop-down list box to specify the bin number.
- 4. Click the **Get Details** push button to retrieve the storage allocation and trading partner details.
- 5. Use the **Storage Category** drop-down list box in **"Storage Allocation Information"** to specify the category of storage allocation. The system lists the options, "Shared" and "Exclusive".
- Exclusive: Select this option to store only a specific part in the storing address (warehouse/zone/bin).
- Shared: Select this option if any part can be stored in the storing address (warehouse/zone/bin).
 - Note: If the warehouse type is "Normal", the zone is entered, and storage category is selected as "Exclusive", ensure that this storage area is not already allocated to any other trading partner.
 - Note: If the zone type is "Normal", the bin is entered, and storage category is selected as "Exclusive", ensure that this storage area is not already allocated to any other trading partner.
 - Note: If the warehouse type is "Normal", the zone is entered, and storage category is selected as "Shared", ensure that this storage area is not already allocated to any other trading partner as "Exclusive".
 - Note: If the zone type is "Normal", the bin is entered, and storage category is selected as "Shared", ensure that this storage area is not already allocated to any other trading partner as "Exclusive".
 - 6. Enter the **Trading Partner #** in **Trading Partner Information** group box which could be supplier code or customer code (Alphanumeric 45).
 - Note: Ensure that the trading partner number is not repeated for a particular storage address (warehouse-zone-bin combination), if the storage category is "Exclusive".

An existing trading partner number cannot be modified.

- 7. Use the **Trading Partner Type** drop-down list box to specify the trading partner type. The system lists the options as "Customer" and "Supplier".
 - Note: If the trading partner type is "Customer", ensure that the value entered in the "Trading Partner #" field is a valid customer number as defined in the "Customer" business component.
 - Note: If the trading partner type is "Supplier", ensure that the value entered in the "Trading Partner #" field is a valid supplier number as defined in the "Supplier" business component.
 - Note: If the Storage Category is "Shared", ensure that the trading partner number-trading partner type combination is not repeated for a specific storage area.
- 8. Use the **Storage Rule** drop-down list box to specify the storage rule. The system lists the options "Only At" and "Also At".
- Only At Select this option if the parts can be stored only in the warehouse specified.
- Also At Select this option if the parts can be stored in any other warehouse.
 - Note: If the storage rule is "Also At", ensure that the trading partner is not allocated as "Only At" in another storage area in the warehouse.
 - Note: If the storage rule is "Only At", ensure that the trading partner is not allocated another storage area in the warehouse.
 - 9. Use the **Default Location?** drop-down list box and select "Yes" to specify whether there exists a default location. Otherwise, select "No".
 - Note: Ensure that the default location value is set as "Yes" for only a specific storage address (warehouse-zone-bin combination) for a specific trading partner.
 - 10. Ensure that at least one record is entered in the multiline.
 - 11. Click the **Maintain Stock Allocation** pushbutton to maintain the stock allocation details.

To provide further details,

• Select Maintain Storage Strategies link, to specify the storage strategies.

3.3.8 MAINTAINING PLANNING PARAMETERS FOR THE WAREHOUSE

- 1. Select Maintain Warehouse Planning Parameter under Storage Administration business component. The Warehouse Selection page appears.
- 2. Enter **Warehouse #** directly and select **Warehouse Planning Parameter** link provided alongside. Or, specify the **Search Criteria** to search for a warehouse and click the hyperlinked warehouse number in the multi-line. The **Warehouse Planning Parameter** page appears. *See Figure 3.19*.
- 3. Enter the **Search Criteria** to specify the **Part #** for which the part planning information must be retrieved.

	Ĵ	w	arehouse Planning Param	eter			44 4 1 2	2 3	3 4 5 🕨	₩	1 /500 🎞 🖶		? 🗔 🖪
- Wa	reh	ous	e Information										
_			Warehouse # 0123 Warehouse Category Main		Wareh	ouse Description Test Warehouse			Warehous	е Ту	pe Normal		
— 5ea	rch	Cri	0-0050845- 0:51982 Part # Part Category Display Option ? Trading Partner #	▼	Planning Para	Ownership and Tra added in Search Cri _{Search}	ding Partner # fields teria and in multiling	e	Pai enishment Acti Owr	rt Ty vity nersl	pe By	v	
- Par	t Pl	ann	ing Details										
44	4		1 - 10 / 22 🔸 🁐 + 🗕 🖆] ∕ ○ ○ ▼ ▼		Д	<u>⊨</u> ⋓ x ⊵ 前 ∞ ●	# 2	all 🖬		•		Q
#		8	Part # 🔎	Planning Horizon (Days)	Transfer From Location	Transfer From Warehouse 👂	Transfer Processing Location	L	Ownership	_	Trading Partner # 🔎	Remark	s
1			0-0050845-0:5N982	0.00	~			•	Owned	*			
2			0-0102-3-6537:36361	0.00	Y			•	Customer	~	400007		
3			0-0440-4-0001:36361		*			*	Customer	*	400007		
4			00-200-1892:K0654	0.00	*			*	Customer	*	400006		
5			00-200-1892:K0654	0.00	*			*	Customer	*	400007		
6			0108071:88308	0.00	*			•	Owned	×			
7			08-60163-001:81616	0.00	RAMCO OU 🗸	0123	RAMCO OU	•	Customer	*	400006		
8			08-60163-002:81616	0.00	*			•	Customer	*	400006		
9			08-60164-001:81616	0.00	RAMCO OU 🗸	0123	RAMCO OU	*	Customer	*	400006		
10			190-92505-401:SH277	0.00	*			*	Customer	*	400007		
				4									۱.
					Se	t Warehouse Planning Parameter)						
Inquire	Sto	ck A	vailability		View Part Supply Chain Per	formance	Inquire Ma	aterial	Count and Locatio	n In	formation		
View Re	ple	nish	ment Documents										

Figure 3.19 Maintaining warehouse planning information

- 4. In the **Part Planning Details** multiline, select Planning Type for the part. The drop-down list box displays the following: "Reorder Level" and "Min – Max".
- 5. Enter **Minimum Qty** and **Maximum Qty**, to specify the minimum and maximum quantity of the part to be held in stock at any point of time.
- 6. Enter **Safety Stock**. This is the quantity of the part that is stored in the warehouse as a buffer stock to meet the consumption rate fluctuations.
- 7. Enter **Reorder Level**. This is a fixed quantity level of the part below which, the purchase activity is automatically initiated by the system.
- 8. Enter Reorder Qty. This is the quantity for which the order must be placed, when the reorder level is reached.
 - Note: The fields "Reorder level", "Reorder Qty", "Safety Stock", "Minimum Qty" and "Maximum Qty" must be entered only if the part number entered in the "Part #" field of the "Part Planning Details" multiline, is defined as prime part number in the "Part Administration" business component.
- 9. Use the **Replenishment Activity By** drop-down list box to specify the procedure in which part must be reordered. The part can be reordered through a "Purchase Order", "Purchase Request"," or a "Stock Transfer".
 - Note: 1) If the "Replenishment Activity By" is set as "Stock Transfer", the system will generate a "Low" priority material request in "Authorized" status, for automatic replenishment of the parts.2) You must not select Purchase Order or Purchase Request in this field, if the warehouse allows offline stock transactions.3) You must not select: Purchase Order or Purchase Request as the replenishment activity for the part, if the warehouse allows offline stock transactions. You must only select Purchase Request as

the replenishment activity, if the warehouse is mapped to a group company.

- 10. Use the **Transfer From Location** drop-down list box to specify the location of the organization from which the stock must be reordered or transferred.
- 11. Enter the Transfer From Warehouse #.
- 12. Use the **Transfer Processing Location** drop-down list box to specify the location of the organization from which the stock transfer order gets triggered.
- 13. Use the **Ownership** drop-down list box to replenish either Internal or Customer Stock. The drop-down list box displays the following: 'Owned' and 'Customer'.
- 14. Enter the specific customer **#** for whom the stock is replenished, in the **Trading Partner #** field.
- 15. Click the **Set Warehouse Planning Parameter** pushbutton to store the planning parameter details. The system performs the following on clicking the **Set Warehouse Planning Parameter** pushbutton:
- ▶ If the available part quantity (sum of Internal-owned and Supplier-owned) drops below or equals the "Min-Max Level" or the "Reorder Level" and if the "Replenishment Action on Resetting Min/Reorder Qty" is set as "Yes" in the "Set Options" activity of the "Stock Maintenance" business component, the system automatically replenishes the part quantity.
- On stock issue of a part, if stock quantity drops below Min Qty/Reorder Level in the warehouse mapped to a group company, the system generates /purchase request/ in accord with the replenishment activity defined for the warehouse. In addition, if the process parameter "Include Supplier Stock other than 'PBH' during Replenishment?" under category Replenishment is set as '1' in the Set Inventory Process Parameters activity of Logistics Common Master, the system also includes the supplier-owned stock quantity (other than 'Under PBH') in the replenishment computation. Alternatively, no supplierowned parts will be considered for arriving at the replenishment quantity, if "Include Supplier Stock other than 'PBH' during Replenishment?" is set as '0'.
 - Note: The document number for the purchase order, purchase request or the material request, is generated based on the numbering type set in the "Set Options" activity of the "Stock Maintenance" business component.
 - Note: The purchase request generated for auto replenishment of the parts will be of type "Owned" and of priority "Normal".
 - - a. Having "Replenishment Activity By" set to "Stock Transfer" in the "Part Administration" or "Storage Administration" business component.
 - *b.* Whose stock status attributes "Nettable" and "Ownership-Internal" are set as "Yes" in the "User Defined Stock Status" business component.
 - c. Whose stock status is the default internal stock status defined in the "User Defined Stock Status" business component. Defining numbering types for transactions.

3.3.9 MAINTAINING NUMBERING PRIVILEGES

1. Select Maintain Numbering Privileges under the Document Numbering Class business component. The Maintain Numbering Privileges page appears. See Figure 3.20.

	Maintain Numbering Pr	ivileges			■ 24 ● 14 ← 1	? 🖬 🖪
-	iser Details	Org. Unit Name RAMCO OU ▼ User Name Ø 10099				
-	earch Results		Get User Privileges			
44	 ▲ 1 - 10 / 302 → → 	+ 0 0 T T			v	Q
#	Function Area	Business Component Name	Transaction	Numbering Privileges Allowed		
1	Audit Management	Quality Audit	Audit Report	No		~
2	Audit Management	Quality Audit	Audit Schedule	No		*
3	BOOK KEEPING	BOOK KEEPING	ANNUAL INCOME TAX RETURN	No		~
4	BOOK KEEPING	BOOK KEEPING	ANNUAL RETURN ON INCOME TAX	No		*
5	BOOK KEEPING	BOOK KEEPING	ImproperlyAccumulatedEarningsTaxReturn	No		*
6	Book Keeping	Company Consolidation	Comp Consol Adj Entry	No		*
7	Book Keeping	Company Consolidation	Comp Consol Voucher	No		*
8	Book Keeping	Company Consolidation	Comp Consol Voucher-Rev	No		*
9	Book Keeping	Currency Revaluation	Curr. Revaluation-Rev	No		*
10	Book Keeping	Currency Revaluation	Currency Revaluation Vchr	No		*
	4					÷.
-						
			Maintain Privileges			

Figure 3.20 Maintaining numbering privileges

- 2. Select the **Org. Unit Name** to specify the name of the organization unit for which numbering privileges must be defined.
- 3. Enter the **User Name** to specify the user for which the numbering privileges must be granted.
- 4. Set the **Numbering Privileges Allowed** drop-down list box in the multiline to "Yes", to grant permission for creating and modifying numbering classes. Set this field to "No", to deny permissions for the selected user.
- 5. Click the **Maintain Privileges** pushbutton. The system updates the numbering privileges for the selected user and organizational unit.

3.3.10 DEFINING NUMBERING TYPE INFORMATION

1. Select Create Numbering Type under the Document Numbering Class business component. The Create Numbering Type page appears. *See Figure 3.21.*

*		Create Nu	mbering	Туре								34	帚	4	+ '	? [6	
	Numb	ering Patter						Date	Format	yyyy-dd-mm							£5	Î
	0-11-0	en Datada		Numbering Type Pre-populate Doc.#?	Comp lo 🔻			Num Type Desc Count of Free N	ription lumbers	Component Numberin	ig Type							l
-	A	1 - 1 / 1	b bb -4	GOGTT				上市同文尼前文色	8 4				*	_	_	\$	2	I
#	10	Prefix	Suffix	Starting No	Ending No	Effective From	Effective To											
1	Ð	Comp		- 101		2016-01-01	2016-23-03										í –	
2	D																	
-																	13	
							Create Numbering Type											
Мар	Transa	ections																
																	6	*

Figure 3.21 Creating numbering type

- 2. Enter the Numbering Type and Num Type Description.
- 3. Enter the **Prefix** and the **Suffix** for the numbering type, in the **Pattern Details** multiline. Either the prefix or the suffix must be compulsorily entered.
- 4. Enter the **Starting No** and **Ending No**.
- 5. Enter Effective From and Effective To fields, to define the period for which the numbering type remains effective.
- 6. Use the **Offline?** drop-down list box to indicate whether the numbering type is applicable for the offline area. The

system lists the following options: Yes and No. However, this field is available only if **Usage Mode** under the category **Offline Configurator Options** in the **Configure Offline Parameters** activity of the **Configurator** component is 1.

- 7. Use the **Offline Area #** drop-down list box to select the offline area for which the numbering type is valid. The system displays all Active offline areas defined in the **Configurator** component. This field is mandatory, if **Offline?** is Yes. Conversely, do not specify any offline area, if **Offline?** is No.
- 8. Click the **Create Numbering Type** pushbutton to create the numbering type. The system updates the status of the numbering type as "Active".

To provide further details,

• Select the **Map Transactions** link, to associate transactions to the numbering type.

Mapping transactions to the numbering type

1. Select Map Transactions link at the bottom of the Create Numbering Type page. The Transaction Mapping page appears. *See Figure 3.22*.

*	D.	Transaction Mapping				≡ ≭ =	₽ +	?	
	umbe	ring Pattern							
		Numbering Type COMP		Num Type De	scription Component ID Prefi	ĸ			
N	umbe	ring Type Mapping Details							
44	0	1 - 10 / 292 > >> + CP O Ct T Tx		と同名の目を	7 🖶 💷 💷		Ŧ		Q
#		Org. Unit Name	Transaction	Applicable	Default Numbering Type				
1		RAMCO OU	3Party JLog Discrepancies	Yes	✓ No				*
2		RAMCO OU	3Party TLog Discrepancies	No	✓ No				•
3		RAMCO OU	Accrual Run		lect "Yes" to				*
4		RAMCO OU	Acquisition Proposal No	No all	our monning the				*
5		RAMCO OU	Advance Shipping Note	No all	ow mapping the				*
6		RAMCO OU	Aircraft Warranty Agreement	No NU	mbering type				*
7		RAMCO OU	Allocation entry	No					*
8		RAMCO OU	Allocation incorporation	No	✓ No				*
9		RAMCO OU	Amendment of assets	No	✓ No				*
10		RAMCO OU	Asset Inter FB Transfer	No	✓ No				*
			Map Transactions						

Figure 3.22 Mapping transactions

- 2. Enter the Aircraft Model #, Work Center # and the Warehouse # in the Applicability Details group box only for "Journey Log", "A/C Maint. Exe. Ref.", "Component Replacement", "Material Request" and "Stock Issue" transactions.
 - Note: You can specify the Aircraft Model # and the Work Center #, only for "Journey Log", "A/C Maint. Exe. Ref." and "Component Replacement" transactions.
 - A Note: You can specify the Warehouse #, only for "Material request" and "Stock Issue" transactions.
- 3. Select "Yes" in the **Applicable** drop-down list box to map the numbering type to the transaction in the organization unit. Select "No" if the numbering type is not applicable for the transaction.
 - Note: For an offline area, the numbering type must be unique for a transaction. This implies that a numbering type cannot be assigned to more than one transaction for an offline area.
- 4. Set the **Default Numbering Type** drop-down list box to "Yes", if the numbering type must be defaulted for the transaction in the organizational unit.
- 5. Click the **Map Transactions** pushbutton to map the numbering type to the transactions belonging to the organizational unit.
 - > Note: The system updates the status of the numbering type as "Active".

3.4 RECORDING OPENING BALANCE OF STOCK

3.4.1 SETTING OPTIONS

You can set standards for the system to be followed during different transactions. The standards, which are already set up by the system, can be modified as per your requirements.

1. Select Set Options under Stock Maintenance Business component. The Set Options page appears. See Figure 3.23.

In the Parameter Details group box,

- 2. In the **Parameter Details** group box, use the Method for Conversion of Fractional Quantity drop down list box to "Round Up" or "Round Off" or "Round Down" the fractional quantity.
- 3. Select the **Part Expense Basis as** "Expense At Issue" or "Expense At Retirement" for evaluating parts expense in the inventory.
- Expense At Issue Select this option, if, after the first issue, the part should be maintained at zero cost, and if the cost of the part is charged to the aircraft only for the first issue of the part from the aircraft.
- Expense At Retirement Select this option, if the part must be issued and maintained in the system based on the "Valuation Method" set for the part, the cost of the part is charged to the aircraft every time the part is issued from the aircraft and the cost is reversed when the part is returned. The part will be expensed out of the system when it is scrapped.

In the Default Numbering Type group box,

- 4. Use the **For Automatic Stock Transfer Replenishment** drop-down list box to select the numbering type for automatic stock transfer transaction for auto replenishment of the parts.
- 5. Use the **For Automatic Material Request Replenishment** drop-down list box to select the numbering type for automatic material request generation for auto replenishment of the parts.
- 6. Use the **For Automatic Purchase Requisition Replenishment** drop-down list box to select the numbering type for automatic purchase request generation for auto replenishment of the parts.
- 7. Use the **For Automatic Purchase Order Replenishment** drop-down list box to select the numbering type for automatic purchase order generation for auto replenishment of the parts.
- 8. Click the **Set Options** pushbutton to set the options.

ramco

*		Set Options								24	+	?	
_								Date Format yyyy	dd-mm				_
-	Para	imeter Details											
			Method for Conversion of Fractional Quantity	Round Off									
			Parts Expense Basis		v								
			Allow Owner Change of External Parts	Yes 🔻									
			Repair Exp Comp. & Other Repairables	Add to Stock	v								
			Return Valuation Based On Return Classification	Yes 🔻									
			Set Warranty Claim Cost as Replacement Part Cost	Yes 🔻									
			Storage Allocation for External Ownership Parts	Automatic	•								
			Part Effectivity Check	Enforce	•								
	Dafe	all Numbering Trees	Receipt Inspection for SOS based Serviceable Parts	REQUIRED	Ŧ								
	Defa	iuit numbering Type		the local									
			For Automatic Stock Transfer - Replenishment	AST V									
			For Automatic Material Request - Replenishment	AMR V									
			For Automatic Purchase Requisition - Replenishment	APR V									
			For Automatic Purchase Order - Replenishment	APU V									
	Auto	Replenishment	For Automatic Stock Correction- Revaluation	SC V									
-	marca	incpression in the	Panlanichment Action on Paratting Min/Paordar Oty	Yes T									
			Default Avn. Transfer Lead Time	100 1 1	5.00			Dave					
			Unallocated PO/Peleace Sin Quantity	Do not consid	ler for Stock Renlenishmen	t		Days					
	Rep	air Expense - Add to Stoc	k Policy Details	Do not consid									
-			V Ov	erhaul Cost									
Appl	cable	Maintenance Expense	Re	pair Cost									
			Ins	pection Cost									
			Ott	ner Cost									
-	Valu	ation Policy for Return Cla	assification										
44	4	1 -1/1 > >> +	COCT.					自文丰富田	All				Q
#	10	Expense Basis	Return Classification				Return Basis		Return Valuation				
1	1	Expense at First Issue	*			× '	EXCESS	*	Valuation Method			~	
2	1	8	*			~		*				~	1
					Set Options								
_													_
+	Reco	ord Statistics											
	_												

Figure 3.23 Setting options

3.4.2 CREATING OPENING BALANCE

- 1. Select Create Opening Balance under the Stock Maintenance business component. The Create Opening Balance page appears. *See Figure 3.24.*
- 2. Select the Numbering Type for the opening balance document.
- 3. Enter the **Opening Balance Date**. This is the date on which the opening balance is recorded. This date should be the same or earlier than the system date.
- 4. Use the **Status** drop-down list box to assign a status, "Draft" or "Fresh", for the opening balance transaction.
- 5. Select the Category and User Status.
- 6. Enter the Warehouse # to specify the warehouse for which the opening balance details are entered.
- 7. Enter the **Part #** in the **Part Details** multi-line, to specify the part for which the opening balance details are recorded for the first time.
- 8. Enter the **Quantity** of the part that has been received in the warehouse.
- Enter WH Zone # to specify the zone in the warehouse where the parts are stored. This field should be entered if the warehouse selected is of type" Normal".
- 10. Enter **Bin #** to specify the bin in the zone where the parts are to be stored. This field must be entered if the zone selected is of type "Normal". Use the **Stock Status** drop-down list box to assign a user defined stock status for the part.

- 11. Enter the **Reference Document #** to specify the reference document based on which the opening balance is recorded.
- 12. Enter the **File Name** of the reference document or the file that is associated to the opening balance.
- 13. Enter **Remarks** if any for the document.
- 14. Click the **Create Opening Balance** pushbutton to record the opening balance details for the warehouse.
 - Note: The system checks if the Part Classification is allowed in the warehouse, based on the Part Classification defined in the "Part Administration" business component.
 - Note: If the Part Classification is set as "None" or not defined in the "Part Administration" business component, then the part is classified as Non-Repairable.

Create Opening Ba	alance							≣ X		+	? [ō K
Opening Balance Detail	ls					Date Format	yyyy-dd-mm					
Part Details	Opening Balance # OB-00 Opening Balance Date 2016 Category	0011-2016 23-03 III V	Sy: nu tra	stem assigns a uniq imber to the openir ansaction, on creati	ue ng balance on	Numbering Type Status User Status Warehouse Description	OB V Draft V					
(((1 - 2/2))	» + - 0 - ¢ ¢ + ₹								•		\$	5
# 🖾 Line # Pa	art # P	Part Description				Stock UOM	Qty.		Zone # 🔎)	Bi	in
1 🗖 0-0	0033466-0:2D671	TERMINAL										
2 🗖 0-0	0050845-0:5N982	TERMINAL										
4				_							•	
- Other Details												-
Attachments	User Defined Detail -1 Agreement Remarks					User Defined Detail -2						
	File Name 👂		View File									
				Create Opening Balance								
Serial & Lot Details LIFO / FIFO Rate Details		Edit Opening Edit Referen) Balance ces			Edit Weighted Avg /	Actual Lot Cost Details					

Figure 3.24 Creating opening balance

To provide further details,

- Select **Serial & Lot Details** link, to enter the serial number and lot number details of the part.
- Select Edit Weighted Avg / Actual Lot Cost Details link, to calculate the stock value based on the weighted average and actual cost.
- Select LIFO/FIFO Rate Details link, to specify the LIFO, FIFO and Weighted Average cost of parts.

Recording the serial and lot number details

1. Select the Serial & Lot Details link at the bottom of the Create Opening Balance page. The Serial & lot Details page appears. See Figure 3.25.



* 🗎 Serial & Lot Details									J 7\$	-	4	+	?	6
Opening Balance Details						Da	e Format yyyy-dd-mm							
Opening Balance #	OB-000006-2015					Status	Draft							
Warehouse #	0123				Warehou	use Description	Toronto Warehouse							
- Line # Details														
Line #	2 💌	Get Detai	ils			Part #	3-12:M59071112							
Part Description	3 TON ARBOR PRESS					Part Type	Expendable							
Part Control Type	Lot Controlled					WH - Zone #	01							
Bin #	1					Qty.	2.00							
Stock UOM	EA				Val	luation Method	Actual Cost							
Customer #					C	ustomer Name								
Default values														
Kate						Value								
Serial/Lot Information														
						Base Currency	CAD							
(((1-1/1)) + - 0 + 0 0)	T TL			4	1 日文反自义	e # #	All		1	v		-		Ø
# Manufacturer Serial #	Manufacturer Lot #	Condition		Otv.		Rate	V	alue				T	Expin	C
1 0	LI	New	~		2.00									
2 🗖			*											
4														F.
				1										-
		_	Edit Serial & Lot Details											
Edit Parameter Information														1
														-

Figure 3.25 Entering serial and lots details

- 2. Use the **Line #** drop-down list box in the **Line # Details** group box, to select the line number of the opening balance document which contains the part(s) for which the serial or the lot number details must be entered.
- 3. Click the Get Details pushbutton to retrieve the details for the selected line #.
- 4. Enter the **Rate** per quantity of the part and the **Value** of the part as default values.
- 5. Use the **Conditions** drop-down list box to specify the condition of the part as default values.
- 6. Enter the **Supplier #** to identify the supplier of the part.
- 7. Enter the Manufacturer Serial# and Manufacturer Lot # in the Serial/Lot Information multiline.
- 8. Specify the **Condition** of the part received. The part could be in one of the conditions "New", "Overhauled", "Serviceable", "Phased Out" or "Unserviceable". **Condition** needs to be specified if the part is of type "Component".
- 9. Enter the **Quantity** of the part received, for the serial number or lot number entered.
- 10. Enter the Expiry Date of the part.
 - Note: The date of expiry of the part need to be entered, if the part is set as "Shelf Life" controlled in the "Part Administration" business component.
- 11. Enter the **Rate** per unit of the part.
- 12. Enter the Value of the part. The system calculates the total value as "Rate" multiplied by "Quantity".
- 13. Select the Certificate Type, Certificate # and Certificate Date.
- 14. Enter the Authorization # and System Tracking Ref#. System Tracking Ref# is mandatory for parts of type "Component".
- 15. Enter the **Supplier #** to identify the supplier of the part.
- 16. Click the Edit Serial & Lot Details pushbutton to update the serial and lot number details of the part.

Editing the parameter information for the serial or lot numbered controlled part

You can modify the maintenance parameter values of the parts whose opening balance has been recorded.

- 1. Select the Edit Parameter link in the Serial and Lots Details page. The Edit Parameter Information page appears.
- 2. In the Opening Balance Information group box the system displays the Opening balance#, Status and Line #.

- 3. Directly select the **Part Serial #** in the drop-down list box to select the serial number of the part to update the parameter information or click on the **Get Details** push button to retrieve all the serial numbers of the part.
- 4. Enter the **Warranty Lapse Date** to specify the date when the warranty gets lapsed.
 - Note: The Warranty Lapse Date need to be entered if the "Warranty Y/N" field is set as "Yes" in the "Aircraft" business component.
- 5. The system displays **Parameter** and **UOM** in the **Parameter Details** multiline.
- 6. Set the **Unknown?** Field to "Yes" or "No" to specify whether the "Since New" value is known or not for the parts of condition other than "New", when the part is first inducted into the system.
- 7. Enter **Since New** to specify the cumulative flying hours or flying cycles of the component since it is manufactured.
 - Note: If the part is first inducted into the system, and if the condition of the part is other than "New", then the "Since New" value can be entered, only if the "Unknown?" field is set as "No".
- 8. Enter Since Overhaul, Since Repair, Since Inspection and Since Last Shop Visit.
- 9. The system displays the warranty as "Yes" or "No' in the **Warranty Y/N** field depending upon if the part has warranty or not.
- 10. Enter the Warranty Value for a part that has the Warranty Y/N field set to "yes".
- 11. Click the Edit Parameter Information to save the values.

If the part is first inducted into the system and if the option set in the "Unknown" field is "Yes", the system performs the following:

- ▶ If any one of the "Since Overhaul", "Since Inspection", "Since Last Shop Visit", or "Since Repair" field is entered, the system updates the "Since New" field with the available parameter value.
- ▶ If values are available in more than one of the "Since Overhaul", "Since Inspection", "Since Last Shop Visit", and "Since Repair" fields, the system updates the "Since New" field with the greatest of the available parameter value.

Recording the weighted average or actual lot cost information

- 1. Select Edit Weighted Avg/ Actual Lot Cost Details link in the Create Opening Balance page. The Edit Weighted Avg/ Actual Lot Cost Information page appears. *See Figure 3.26*.
- 2. In the **Opening Balance Identification Details** group box the system displays the opening **Balance #**, **Status**, **Warehouse #**, **Warehouse Description**.
- 3. In the Rate Information multiline the system displays the Basic Currency, Part#, Lot#, Stock UOM and Total Quantity.
- 4. Enter the Rate for per quantity of the part. Rate is calculated as "Value" divided by "Quantity".

Open	ing Balance Identification De	taik											_	_
		Opening Balance # OB-000006-201	5				S	itatus Drat	ft					
		Warehouse # 0123				Warehou	e Descri	intion Terr	onto Warehouse					
							laca Cur							
Rate	Information						ase cui	Tency CAL	,					
4	1 - 2 / 2 > >> +> + @	OOTT			7	正日 .X 2 目 24	e i	L 98 (11)	All				 -	
1.01	Part #	Lot #	Stock UOM	Total Qty		Rate		Value			Entry Ty	pe		
	3-0:09612		EA		2.00	0.00	000000			0.00	Single			,
10	3-12:M59071112	Ц	EA		2.00						Single			
0											Single			-
	1													
	1												 _	_

Figure 3.26 Editing weighted average/ actual lot cost information

- 5. Enter the Value of the part. This is calculated as "Rate x Quantity".
 - Note: The system ignores the "Value" entered, if both "Rate" and "Value" are entered for a lot-controlled part with valuation method as "Actual Cost".

- 6. Select "Single" or "Multiple" in the **Entry Type** drop-down list box to specify the entry type of the rate.
- 7. Enter the **Reference Document #** of the reference document for the cost information of the opening balance.
- 8. Click the Edit Value pushbutton to save the values.

Recording the Last In First Out and First In First Out rate details

- 1. Select the LIFO/FIFO Rate Details link at the bottom of the Create Opening Balance page. The Edit Rate Information page appears. *See Figure 3.27.*
- 2. Use the **Part #** drop-down list box in the **Part Details** group box to specify the part number for which the rate details must be entered.
- 3. Click the **Get Details** pushbutton to retrieve the rate information for the selected part.
- 4. Enter **Seq #** in the **Rate Information** multiline to identify the sequence in which the LIFO or FIFO stock came into the warehouse. This value must be positive.
- 5. Enter the **Quantity** of the part.

*		E	dit Rate	Inform	nation									34	-		+	?	6	K
	Ope	ening	Balance Io	lentific	ation Details															
	Opening Balance ≠ OB-000012-2016 Warehouse ≠ 0123								Status Draft Warehouse Description Toronto Warehouse											
	Part Details Reference # 1 Get Details																			
					Part	# FO-03				Part Desc	ription	FO-03								
					Total Q	ty 3.00				Valuation N	Method	LIFO								
					Stock Stat	us Customer Owr	ned			Stoc	k UOM	EA								
-	Rate	e In	formation							Base Cu	urrency	CAD								
44	4	1	1 - 1 / 1	F FF	+ - 0 + 0 0	Υ Τ _x				Y F & X K & K & K		II All			Ŧ				Q	1
#	12	0	Seq #		Qty.		Rate		Value		Ref	Document #								
1		21		1			3.00	10.0000000		30.0	0									
2	ł	13																		
								Edit Rate Informa	tion											

Figure 3.27 Specifying the LIFO/FIFO rate Information

- 6. Enter the **Rate** per quantity of the part. Rate is calculated as "Value" divided by "Quantity". The rate should be greater than zero.
- 7. Enter the **Value** of the part. This is calculated as "Rate x Quantity".
- 8. Enter the **Reference Document #** of the reference document for the rate information of opening balance.
- 9. Click the Edit Rate Information pushbutton, to store the values.

3.4.3 CANCELING AN OPENING BALANCE TRANSACTION

- 1. Select Edit Opening Balance under Stock Maintenance business component. The Select Opening Balance Document page appears.
- 2. Enter the **Opening Balance #** directly and select the **Edit Opening Balance** link provided alongside. Or, specify **Search Criteria** to search for opening balance document.
- 3. Click the **Search** pushbutton and select the hyper linked document number in the multiline. The **Edit Opening Balance** page appears. *See Figure 3.28.*
 - Note: The document can also be "cancelled" by taking up the "Authorize Opening Balance" activity route too.



*		Edit O	peni	ng Balance					1 2 3 4	5	• •	3 /8	II 7	-	ţ	← `	?	6
Opening Balance Details Date Format yyyy-dd-mm																	_	
Opening Balance # Of Opening Balance Date 2 Category					OB-00000 2015-26-	6-2015 10 m		Status Draft V Warehouse # 0123 V User Status V										
44	4	1 - 2 /	2	• • • • • • •	T _x		入 血		1 × C # #		All			Ŧ				Q
#		Line #		Part # 🔎		Part Description			Stock UOM	Qty				Zone	# P		E	3in
1			1	3-0:09612		9X11 A621 3/0GR PAPER			EA				2.00	01			1	L
2			2	3-12:M59071112		3 TON ARBOR PRESS			EA				2.00	01			1	L
3		•					_											•
	Details - hments -	User Defined Detail -1 Agreement Remarks					Click this pushbutton to cancel											
		File Name 👂				View File												_
						Edit Opening Balance	Cancel Opening Balance											
Seria	l & Lot	Details				Edit References			Edit Weighted Avg	/ Actual	Lot Cost I	Details						
LIFO	/ FIFC	Rate Det	ails															
-	- Record Statistics																	
Created by Last Modified by				Created by Last Modified by	DMUSER DMUSER				Created Date	2015 2015	-26-10 -26-10							

Figure 3.28 Canceling opening balance document

- 4. Click the **Cancel Opening Balance** pushbutton at the bottom of the page, to cancel the opening balance document. "Cancellation" process will happen only for the documents selected in the multi-line.
 - >> Note: The status of the document changes to "Cancelled" upon cancellation.

3.5 AUTHORIZING THE OPENING BALANCE TRANSACTION

You can authorize the opening balance transaction, which is in "Fresh" status. You can modify the transaction before authorizing it. The document status is updated to "Confirmed" upon authorization.

1. Select Authorize Opening Balance under the Stock Maintenance business component. The Authorize Opening Balance page appears. *See Figure 3.29.*

★ 🗎 Authorize Opening Bal	ance Document								ĺ	= x;		₽	+ 3		ĸ
Search Criteria		T	The number identifying the			I	Date Format	yyyy-dd-mn	n						^
	Opening Balance # OE User Status Warehouse # Part Group From / To Date	+000011-2016 O U U U U U U U U U U U U U	pening balance be authorized	Category v Customer # Part # Specify Search Criteria and click to view					o viev	/					
Search Results				Search	th	ie search re	suits in t	the m	uitiline						_
					Å			IIA II				•			ρ
# Opening Balance #	Warehouse #	Opening Balance Date	Category	User Status											
1 OB-000011-2016	0123	2016-23-03													
Authorize Opening Balance Cancel Opening Balance															
Edit Opening Balance															

Figure 3.29 Authorizing an opening balance document

- 2. Enter the Search Criteria to search for the opening balance document to be authorized.
- 3. Click the **Search** pushbutton.
- 4. Check the box in the first column of the multiline, to mark the document for authorization.
- 5. Click the **Authorize Opening Balance** pushbutton, to authorize the opening balance documents selected in the multiline.
 - >> Note: The status of the document changes to "Confirmed".

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Index

Α

ABC Class, 60 Account Group in Customer Master, 17 Account Group of Activated Part, 16 Addl. Comp. Ref, 68 Aircraft Model #, 90 Allocation Horizon (Days), 29 Allow Zero Standard Cost, 14 Alternate Part #, 25 Alternate Type, 26 Applicable Purposes, 14 Associating users to warehouse, 82 Associating attributes, 45 parts /services, 46 usages to a group, 47 ATA #, 40 Attribute Code, 46, 62

В

Back Flushing Required, 41 Base Commercial Invoice value, 68 Base Currency, 22 Beneficiaries, 55 Bin #, 86, 92

С

Canceling opening balance transaction, 96 Cancellation Remarks, 55 Carrying Cost, 29 Certificate Information, 35 Certificate Type, 35 Certification Regd?, 28 Certifying Authority, 35 COM?, 32 Component ID Generation, 40 Condition, 94 Constituent Type, 61 Contract #, 57 Controlled Group, 47 Controlled?, 45 Create Attributes, 15 Creating group types, 48

opening balance, 92 service, 58 service main information, 58 unit of measurement, 75 unit of measurement conversion, 76 user defined stock status, 72 warehouse quick codes, 77 Creating and activating parts information, 22 Customer #, 26

D

Default Exe. Doc. Type, 35 Default Location?, 86 Default Ordering Location, 32 Default Part Account Group, 14 Default Placement Bin, 85 Defining applicable stock status, 72 numbering type information, 89 part manufacturing information, 35 quick codes, 75 stock transaction, 75 Definition For, 57 Delivery Point, 57 Designed Shelf Life, 23, 39

E

Editing parameter information, 94 Effective From Date, 20 Enabling conversion of stock, 73 Estimation Pricing Basis, 34 Exclusions, 55 Expensing Policy, 29 Expiry Date, 94 External License #, 68 External License Status, 69 External Rev. #, 50

F

Finance Posting Options, 17 For Automatic Material Request - Replenishment, 91 FSN, 30

G

General Information, 35

Generate Part #, 22 Generate Service #, 59 Grant Access, 82 Grant Warehouse Access to Users, 82 Group Code, 46

Н

History Pop-up, 68

I

Insp. WO?, 32 Inspection Requirements, 51 Inspection Work Unit Details, 32 Interchangeability Rules, 25, 26 Interchangeable Part#, 25

L

Lead Time Unit, 32, 41 Legal Regulation, 69 Level #, 49 License Required?, 67 License Type, 69 LLP?, 40 Lot No Controlled, 22, 39 Lot Num. Type, 63

Μ

Maintain Kit Composition, 27 Maintaining data for trade compliance, 67 external license, 68 external stock allocation, 85 notes, 66 numbering privileges, 88 part account group, 17 planning and purchase information, 59 storage location, 83 storage strategies, 84 trade compliance information, 67 Warehouses for Customer Requests, 57 Managing part technical data requirements, 50 reference cost for part condition, 19 Map Transactions, 90 Mapping part types to stock status, 73 transactions to stock status, 73 Min. Stock Limit, 34 Minimum Order Qty, 62 Modifiable At Order, 60

Ν

Non-Stockable, 39 Notes, 66 NSCM #, 28 NSN, 38

0

On Warranty, 41 Opening Balance #, 96 Operational Information, 35 Order Of Preference, 26 Org. Unit Name, 89 Other Part #, 27 Overhead %, 21 Overhead Type, 21 override?, 53 Ownership, 88

Ρ

Parameter Details, 91 Parameter Value Requirements, 50, 52 Parent Group, 49 Part Account Group, 19 Part Category, 38 Part Details, 55 Part Level Ref. Cost, 19 Part Planning Details, 87 Partner Code, 69 Partner Description, 69 Partner Function Pop-up, 69 Partner Nature, 69 Parts in Held Orders, 67 Per Order Cost, 29 Phase Out Policy, 40 Picking Strategy, 85 Placement Strategy, 30, 85 Planner Code, 35 Planning Base, 40 Planning Status, 33 Planning Type, 39 PMA?, 40 Pool Category, 55 Pool Description, 54 Pool ID, 54, 57 Pool ID/Rev #, 54 Pool management, 54 Pricing Basis, 34 Primary Aircraft Model #, 38 Primary Part Group Details, 14



ramco

Prime Part #, 39

Process New Part / Part Attribute Change, 12 Process Order Lead Time, 32 Processing request creating a new part record, 12 Purchase UOM, 42 Purpose, 45, 46

Q

Quantity, 27, 94 Quick Code Details, 15

R

Rate, 94 Receipt Horizon, 32, 61 Recording Beneficiaries details, 55 Exclusion details, 55 Last In First Out and First In First Out rate details, 96 numbering type information, 91 part details, 55 part technical data requirements, 51 purchase and sales details, 42 serial and lot number details, 93 Station Coverage details, 56 Warehouse mapping details, 56 weighted average, 95 Reference Status, 22 Regular Exchange, 43 Remarks, 93 Reorder Level, 29, 87 Reorder Qty, 29, 87 Replenishment Activity At, 41 Replenishment Activity By, 29 Req. Type, 51 Request Type, 12 Request Warehouse, 57 Reservation Horizon (days), 29, 28 Residual Value, 36 Return Remarks, 55 Revision #, 69

S

Safety Stock, 29 Sales Information, 28 Sales UOM, 33, 43 Selecting part types allowed, 81 stock status/ component condition, 80

transactions allowed, 81 Serial # Logic, 63 Service #, 58 Service Level in %, 29 Service Type, 58 Set Options, 14, 16 Setting masters, 14 parameters, 77 Setting options, 14, 91 Setting up storage areas, 77 Shelf Life Extendable, 23 Shelf Life Unit, 39 SI No Controlled, 22 SI No Logic, 22, 39 Since Last Shop Visit, 50, 52 Since New, 50, 52 Since Overhaul, 50, 52 Since Repair, 50, 52 Source, 30, 50, 52 Source Type, 28 Standard % Basis, 19 Standard Cost, 39, 59 Standard Sales Package, 33 Standard Sales Price, 43 Station, 83 Station #, 57 Station Coverage, 55 Status, 18 Std Qualitative Value, 43, 46 Std. Core Value %, 36 Stock UOM, 22, 39 Storage Category, 86 Storage Location, 83 Storage Rule, 84 Supplier #, 94

Т

Task Authoring OU, 32 Trackable, 44, 62 Trading Partner #, 85 Trading Partner Type, 86 Transaction Types, 81 Transfer From Location, 30, 88 Transfer Processing Location, 88

U

UOM Conversion Details, 37

Update Other Part #, 28

Update Planning Information, 30 Updating planning information, 59 planning information for a part, 29 purchase information, 61 Usage, 48 Usage Type, 62 User Status, 55

V

Valuation Method, 29, 41 Value, 94 Variable Pricing, 33, 43 verified?, 53 Version #, 60

W

Warehouse Mapping, 55 Warranty Lapse Date, 95 WH - Zone#., 84 Work Center #, 35 Work Unit #, 32



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