

ZSCC/ZFD1 – Charge to the Cost center Order & WF



Last Updated: 10/21/2015

Topics covered

- ZSCC/ZFD1 sales order charge to the cost center
- Approval Workflow
- Financial posting

ZSCC/ZDF1 sales order charge to the cost center

- MFG uses sales order type ZSCC to ship orders and charge them to the cost center
- AGS uses sales order type ZFD1 to ship orders and charge them to the cost center
- The charge to the cost center is done through the order reason code which is an assignment of the cost center to the sales org
- The order reason code is a mandatory field to be selected during the sales order creation

ZSCC/ZFD1 Workflow

- All the orders are automatically blocked for delivery once created
- The order is routed to the cost center owner for approval automatically
- The cost center owner can approve/reject the order & add additional approvers if required
- Once the workflow is approved the delivery block is automatically removed and the order is ready for delivery

Transactional Flow With SAP Screenshots

Creation of the Order

- The user creates the ZSCC or ZFD1 sales order using T-code VA01.

Create Sales Order: Initial Screen

Create with Reference  Sales  Item overview  Ordering party

Order Type

Organizational Data

Sales Organization	1070
Distribution Channel	01
Division	d2
Sales Office	
Sales Group	

Creation of the Order

- The order reason used in the sales order should belong to the same Sales organization as in which the order is being created.
i.e.: The Header sales org of the order =1070 ; the order reason sales org = 1070. **Correct.**
The header sales org = 1070, the order reason sales org =1031. **Incorrect.**

Display Sys-Cost Cntr order 3030004095: Overview

Sys-Cost Cntr order	3030004095	Net value	5,000.00	USD
Sold-To Party	20000447	APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / ...		
Ship-To Party	20000447	APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / ...		
PO Number	GO TSUTSUI	PO date		
Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection				
Req. deliv.date	D 09/11/2014	Deliver.Plant		
<input type="checkbox"/> Complete dlv.		Total Weight	1.500	KG
Delivery block	05 Check free of ch.dlv	Volume	576	"3
Billing block		Pricing date	09/11/2014	
Payment terms	ZPIA PAYMENT IN ADV...	Incoterms	DAP	Destination Airport
Order reason	R03 CC 101253 Sales Org 1070			
Sales area	1070 / 01 / D2	A.M. JP system sales, Dist. Channel 01, SSG Varian		

Order Details

- By default all the ZSCC/ZFD1 orders have the delivery block 05.
- Once the order is saved, the WF is automatically routed to the person who is responsible for the cost center (CSKS – VERAK).

Display Sys-Cost Cntr order 3030004095: Overview

Sys-Cost Cntr order 3030004095 Net value 5,000.00 USD
Sold-To Party 20000447 APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / ...
Ship-To Party 20000447 APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / ...
PO Number GO TSUTSUI PO date

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date <input type="text" value="D"/> <input type="text" value="09/11/2014"/>	Deliver.Plant <input type="text"/>
<input type="checkbox"/> Complete dlv.	Total Weight <input type="text" value="1.500"/> KG
Delivery block <input style="border: 2px solid red; width: 150px; height: 20px; padding: 2px; margin-right: 10px;" type="text" value="05 Check free of ch.dlv"/>	Volume <input type="text" value="576"/> "3
Billing block <input type="text"/>	Pricing date <input type="text" value="09/11/2014"/>
Payment terms <input type="text" value="ZPIA"/> PAYMENT IN ADV...	Incoterms <input type="text" value="DAP"/> Destination Airport <input type="text"/>
Order reason <input type="text" value="R03"/> CC 101253 Sales Org 1070	
Sales area <input type="text" value="1070"/> / <input type="text" value="01"/> / <input type="text" value="D2"/> A.M. JP system sales, Dist. Channel 01, SSG Varian	

Email Notification

- User received an email notification from the workflow system about the pending workflow

Review sales document FOC type 3030004095

Workflow System <Workflow_System@amat.com>

Sent: Thu 9/11/2014 1:05 PM
To: Princi Gill --CNTR
Retention Policy: 5YearDelete-All (5 years) Expires: 9/10/2019

Hi,

This is to inform you FOC cost center order 3030004095 is PENDING YOUR APPROVAL.

Please click on general SAP portal link:
<https://epvqwd.amat.com:8065/irj/portal/>

And go to your Universal Work List(UWL) to review the document and Approve or Reject.

Thank You.

Workflow Approval

- The cost center owner logs into ECC Portal and go to Universal work list to approve the WF.
- The user clicks on Review sales document text to review the sales order.

The screenshot shows the SAP ECC Enterprise Portal interface. At the top, there's a blue header bar with the title "ENTERPRISE PORTAL". Below it is a navigation bar with various links like Home, Technical Common, AGS Direct Purchasing, etc. A sub-navigation bar below shows "Universal Worklist" is selected. On the left, a "Detailed Navigation" sidebar lists items such as Home Page, Universal Worklist (which is highlighted), Substitution, Finance Forms, Finance Forms Retrieval, Payroll Request, and others. The main content area displays a notice: "UNIVERSAL WORKLIST NOTICE: Use refresh icon next to the ‘Create Task’ button below, this will populate pending approvals". Below this is a table with columns: Subject, From, Sent Date, and Priority. One row in the table is highlighted in yellow, showing the subject "FOC Sales Order 3030004095 is awaiting your Approval", from "Gill, Princi Kaur", sent "Today", and priority "Medium".

Workflow Approval

- The approver reviews the sales order and then click on the back arrow to approve/reject the order.

Display Sys-Cost Cntr order 3030004096: Overview

Menu Back Exit Cancel System Display document flow Status overview Display sales summary Display sold-to party >

Sys-Cost Cntr order 3030004096 Net value 5,000.00 USD
Sold-To Party 20000447 APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / SENNAN 5...
Ship-To Party 20000447 APPLIED MATERIALS JAPAN INC. / 1, Senshu Kuko Minami, / SENNAN 5...
PO Number PO date

Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection

Req. deliv.date D 09/11/2014 Deliver.Plant
 Complete delv. Total Weight 1.500 KG
Delivery block Check free of ch. dlv Volume 576 "3
Billing block Pricing date 09/11/2014
Payment terms ZPIA PAYMENT IN ADVANCE Incoterms DAP Destination Airport
Order reason R03 CC 101253 Sales Org 1070
Sales area 1070 / 01 / D2 A.M. JP system sales, Dist. Channel 01, SSG Varian

All items

Item	Material	Order Quantity	Un	S	Description	Customer Material Numbr	ItCa	DGIP	HL Itm
10	E11554810	1	EA	<input checked="" type="checkbox"/>	KIT,FLD UPG,IAN WIN7,VCS8.00,V80,*	ZSCC		0	

Workflow Approval

- The approver clicks on the Approve/ Reject button to Approve/ Reject the order.

Decision Step in Workflow

Workflow Create Import Attachment

FOC Sales Order 3030004095 is awaiting your Approval

Choose one of the following alternatives

Approve

Reject

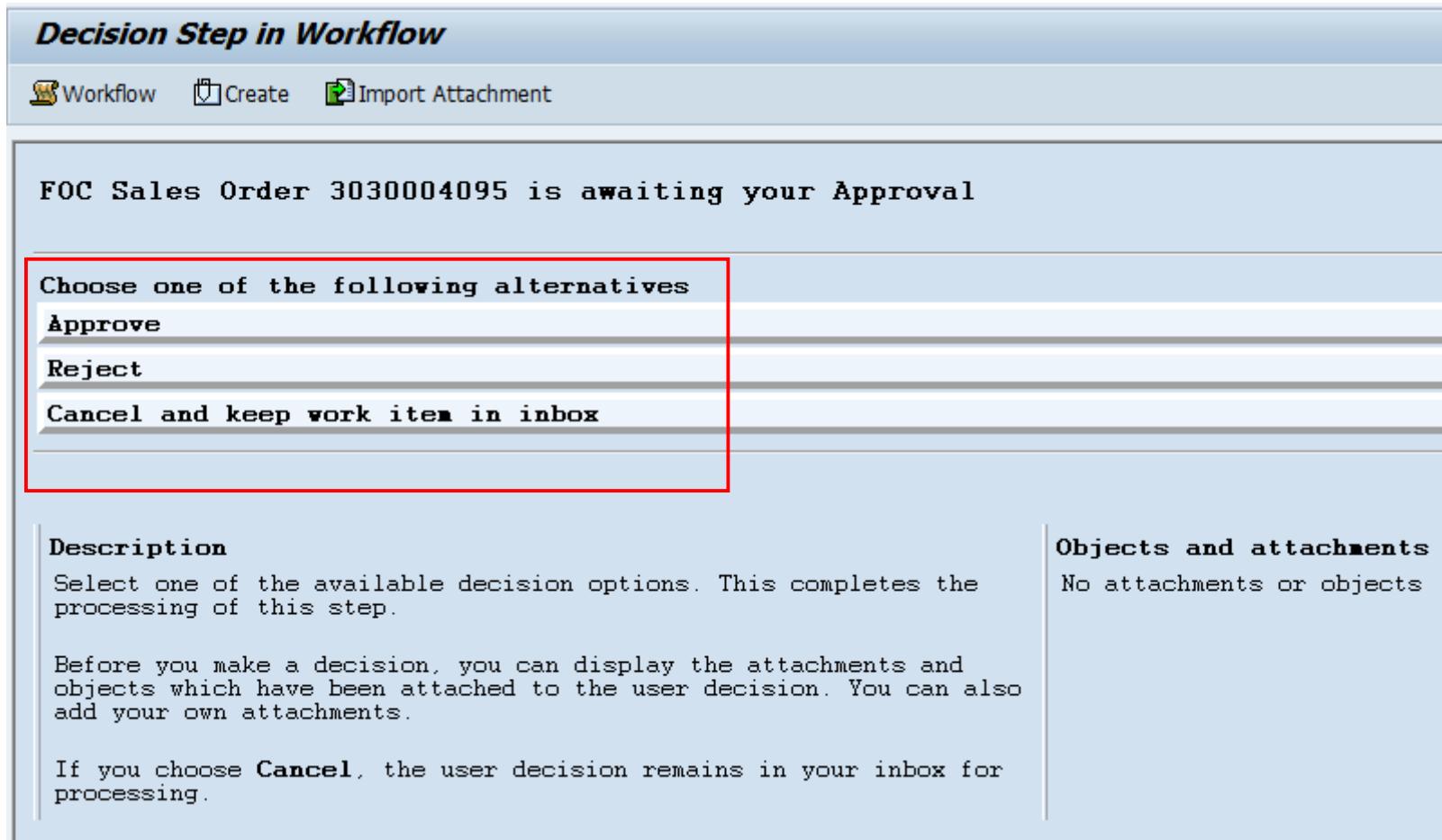
Cancel and keep work item in inbox

Description
Select one of the available decision options. This completes the processing of this step.

Before you make a decision, you can display the attachments and objects which have been attached to the user decision. You can also add your own attachments.

If you choose **Cancel**, the user decision remains in your inbox for processing.

Objects and attachments
No attachments or objects

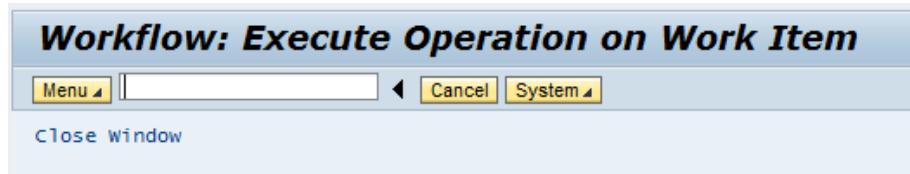


Workflow Approval

- Adding Additional Approvers.



Once the Approver click's on the approve button the next screen the user gets is the Add Additional Approvers – User clicks on Green Arrow to Add additional approver or Red cross button if he/she does not want to add additional approvers.



The users see this screen once the WF is approved. The user should closes this window. This is the last step in the workflow approval process

Workflow Approval

- Once the order is approved the delivery block is automatically removed and the order is ready for delivery.

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PO Number	GO_TSUTSUI	PO date		
Sales Item overview Item detail Ordering party Procurement Shipping Reason for rejection				
Req. deliv.date	D 09/11/2014	Deliver.Plant		
<input type="checkbox"/> Complete dlv.		Total Weight	1.500	KG
Delivery block		Volume	576	"3
Billing block		Pricing date	09/11/2014	
Payment terms	ZPIA PAYMENT IN ADV...	Incoterms	DAP	Destination Airport
Order reason	R03 CC 101253 Sales Org 1070			
Sales area	1070 / 01 / D2	A.M. JP system sales, Dist. Channel 01, SSG Varian		

Financial Posting

- Once the delivery is complete, the post goods issue creates the below accounting document for the ZSCC sales order

The screenshot shows the SAP Fiori interface for 'Display Document: Data Entry View'. The top navigation bar includes icons for search, refresh, and print, along with links to 'Display Currency' and 'General Ledger View'. The main area is titled 'Data Entry View' and contains fields for Document Number (4900245685), Company Code (0001), Fiscal Year (2014), Document Date (03/07/2014), Posting Date (03/10/2014), Period (5), Reference (0045601893), Cross-Comp.No., Currency (USD), and Ledger Group. Below this is a toolbar with various icons. The bottom section displays a table of accounting entries:

CoCd	Itm	PK	Account	Description	Assignment	Profit Ctr	Cost Ctr	Amount in LC	LCurr	LC2 amount	LCur2
0001	1	99	141133	Semi Finished Invent	20140310	200801		120.50-	USD	120.50-	USD
	2	81	710000	Spares Issues Intern	20140310	200801	101005	120.50	USD	120.50	USD
	3	99	141133	Semi Finished Invent	20140310	200801		117.93-	USD	117.93-	USD
	4	81	710000	Spares Issues Intern	20140310	200801	101005	117.93	USD	117.93	USD

Note:

- The credit GL account (eg:141133) is based on the valuation class of the material master
- The order does not create a billing document.

Report – ZAFGR053

- ZAFGR053 report lists all the orders that are pending for approval as per the key date

Pending (FOC) Charge to Cost Center

Program Selection

Sales Organization	1070	to		
Sales Order number				
Key Date	09/11/2014			
Company Code		to		
Customer Group		to		
Cost Center		to		
Profit Center		to		
Created By				

Pending (FOC) Charge to Cost Center

Report Name :ZAFGR053
User ID :X046291

APPLIED MATERIALS CONFIDENTIAL
Pending (FOC) Charge to Cost Center Report

Page :1
Loc Date :11.09.2014

Sales Order Nu...	Sales Item	Material Number	Sales order...	Created By ID	Sales...	Co...	Sal...	Cost cente...	Cost center Name	Profit Center	Current Ap...	Approver Name
3030002365	1	SEM10020	12/12/2012	E112571	ZSCC	0070	1070	0000100461	SMTL751-Mktg WLP	0000200801		
3030002373	1	SEM10020	12/17/2012	E112571	ZSCC	0070	1070	0000100461	SMTL751-Mktg WLP	0000200801		
3030004031	10	E11554810	08/06/2014	E118060	ZSCC	0070	1070	0000101253	Inventory Share	0000206401	E118063	Craig Mabius
3030004097	10	E11554810	09/11/2014	X046291	ZSCC	0070	1070	0000101253	Inventory Share	0000206401	X046291	Princi Kaur Gill

Common issues related to the process

- The order reason selected in the order is different from the sales org in which the order is created.
- The user didn't receive the email notification
 - Wait 10 minutes since sometimes there is a delay
- The user do not see the WF in the UWL – Universal Worklist on Portal
 - Refresh the UWL.
 - Check the order and validate that the delivery block 05 is there on the sales order.

