

Q

87. BUILDING A FAULT TOLERANT WORDPRESS SITE – LAB 1	88. BUILDING A FAULT TOLERANT WORDPRESS SITE – LAB 2
89. BUILDING A FAULT TOLERANT WORDPRESS SITE – LAB 3 : ADDING RESILIENCE & AUTOSCALING	
90. BUILDING A FAULT TOLERANT WORDPRESS SITE – LAB 4 : CLEANING UP	
91. BUILDING A FAULT TOLERANT WORDPRESS SITE – LAB 5 : CLOUD FORMATION	92. ELASTIC BEANSTALK LAB
93. HIGHLY AVAILABLE BASTIONS	94. ON PREMISE STRATEGIES
95. SQS	96. SWF
97. SNS	98. ELASTIC TRANSCODER
99. API GATEWAY	100. KINESIS
101. WEB IDENTITY FEDERATION – COGNITO	102. REDUCING SECURITY THREATS
103. KEY MANAGEMENT SERVICE (KMS).	104. CLOUD HSM
105. PARAMETER STORE	106. LAMBDA
107. BUILD A SERVERLESS WEBPAGE WITH API GATEWAY AND LAMBDA	108. BUILD AN ALEXA SKILL
109. SERVERLESS APPLICATION MODEL (SAM).	110. ELASTIC CONTAINER SERVICE (ECS).
111. MISCELLANEOUS	
BIG DATA	DATA SCIENCE
DEVOPS	AZURE
DATA WAREHOUSE	RESUME

Order to Cash – O2C

This article elucidates about the basic flow, navigation, concurrent programs, basic tables and common errors which are involved in O2C cycle.

[table id=3 /]

O2C basic flow involves the following steps



Detail Flow

Enter a Sales Order >> Credit Check >> Book Order >> Pick Release and Move Order >> Ship Confirm >> Invoice Creation >> Revenue Recognition >> Collections >> Create and post Receipts >> Bank Reconciliation >> Transfer Accounting and Posting to GL

- Enter a Sales Order – In OM we create a sales order by entering Customer details (Sold To, Ship To and Bill To), Order type, Price list, Warehouse, Items, Quantity
- Credit Check – Credit check is required to check customer’s credibility. We perform credit check to check if the customer has sufficient credit available with the organization at the point of order booking, picking, packing and shipping.
- Book Order – Book a sales order when it surpasses Credit Check/ any holds applied.
- Pick Release and Move Order – Once the order gets booked, it gets picked from the Inventory and it is moved to the staging area. This movement of items from Inventory to staging area is Move Order.
- Ship Confirm – Sending the items to customer site. Once the items are ship confirmed the on hand items quantity from inventory gets reduced.
- Invoice Creation – We need to run Workflow Background Process program in OM. Workflow Background Process program moves the lines from OM to AR interface tables (ra_interface_lines_all rail). After the successful completion of this program we need to run Auto Invoice Master Program to move the lines from AR interface to AR base table. The creation of invoice takes place at this step. Also we can create other transaction types (Credit Memo, Debit Memo, Deposit, ChargeBack, and Guarantee)
- Revenue Recognition – Revenue Recognition manages revenue processing.
- Collections – Advanced Collections manages the collections process until the payment is received.
- Create and post Receipts – Once the payment is received, a receipt is created and posted in receivables.

Bank Reconciliation – In Cash Management module, the receipts data is pulled and matches against the reconciliation file presented by bank.

Transfer Accounting and Posting to GL – The accounting is transferred to GL through Sub Ledger Accounting.

1. Creating/Entering an Order

Navigation: Go to Order Management Super User, Vision Operations (USA) > > Orders, Returns >> Sales Orders >> Enter Customer details (Sold To, Ship To and Bill To) and Order Type >> Save the form to get Order number

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information Line Items

Main Others

Customer Vision Operations
Customer Number 4637
Customer PO
Customer Contact
Ship To Location 10817
90 Fifth Avenue
New York, NY, 10022-3422,
Bill To Location 10819
90 Fifth Avenue
New York, NY, 10022-3422,

Order Number 66499
Order Type Standard
Date Ordered 27-JUL-2015 15:14:42
Price List Corporate
Salesperson No Sales Credit
Status Entered
Currency USD
Subtotal 150.00
Tax 72.76
Charges 0.00
Total 222.76

Actions Related Items Configurator Availability Book Order

Go to Line Items tab >> Enter Ordered item and Quantity

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information Line Items

Order Total 222.76

Main Pricing Shipping Addresses Returns Services Others

Line	Ordered Item	Qty	UOM	Unit Selling Price	Request Date	Schedule Ship Date	S
1.1	CM08830	1	Ea	150.00	27-JUL-2015 15:14:42		E

Line Total 150.00 Line Qty 1 Service Total 0.00
Description RAM - 256MB

Actions Related Items Configurator Availability Book Order

The line status will be in Entered

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information Line Items

Order Total 222.76

Main Pricing Shipping Addresses Returns Services Others

Line	Ordered Item	Status	On Hold	Cascaded Hold	ATO	Line Type	Qty Car
1.1	CM08830	Entered				Standard (Line Invo)	0

Actions Related Items Configurator Availability Book Order

Errors

In case you come across below note (Quantity on hand fails to satisfy reservation) then opt below solution.

Note

Quantity on hand fails to satisfy reservation

OK

Enter the correct Warehouse details in Shipping tab of Line items

Sales Orders (Vision Operations) - 66499, Vision Operations

Order InformationLine Items

Order Total222.76

MainPricingShippingAddressesReturnsServicesOthers

Line	Ordered Item	Qty	Warehouse	Receiving Org	Schedule Ship Date	Schedule
1.1	CM08830	1	M1			

Checking the availability of On Hand Qty in different ways:

1. Click on Availability button in Line items tab to get item availability status

Sales Orders (Vision Operations) - 66499, Vision Operations

Order InformationLine Items

Order Total222.76

MainPricingShippingAddressesReturnsServicesOthers

Line	Ordered Item	Qty	Warehouse
1.1	CM08830	1	M1

Availability

Ordered Item

WarehouseM1

Request Date Qty1

On Hand Qty341

Qty Reservable135

Request Date27-JUL-2015 15:14:42

Available Date27-JUL-2015 23:59:00

Error MessageATP not applicable

Substitute Item

Line Total150.00Line Qty

DescriptionRAM - 256MB

ATP DetailsGlobal Availability

ActionsRelated ItemsConfiguratorAvailabilityBook Order

Table: SELECT * FROM mtl_onhand_quantities_detail

2. In Order Management Super User, Vision Operations (USA) >> Inventory >> On-hand, Availability >> On-hand Quantity >> Select appropriate Organization >> Enter Item/ Revision >> Click on Find >> Click on Availability

Query Material

QueryPublic

Description

Material

OrganizationM1Seattle Manufacturing

Subinventory

Show Disabled Subinventory/Locator in LOV

Locator

Quantities -

View ByLocationDetailed

Material Locations

☒ On-hand

☐ Receiving

☐ Inbound

ItemLotSerialLPNProjectConsigned/VMIInterorgSupplierReceipt

Item

Item / RevisionCM08830

Description

Item Cross References

Cost Group

Status

SaveDelete (A)ClearFind

The Available to Transact denotes the transactable quantity

Availability

Material Location

On-hand

Organization

M1

Item / Revision

CM08830

Subinventory

Locator

Lot Number

Serial Number

Grade

Cost Group

Total Quantity

Primary

341

Ea

Secondary

Available to Reserve

Primary

135

Ea

Secondary

Available to Transact

Primary

135

Ea

Secondary

3. In Order Management Super User, Vision Operations (USA) >> Inventory >> Reports >> On-hand >> Check Single Request >> Ok >> Run Item quantities summary program

On-hand Reports (M1)

Run this Request...

Name

Item quantities summary

Operating Unit

Parameters

Language

American English

At these Times...

Run the Job

As Soon as Possible

Upon Completion...

☒ Save all Output Files

Layout

Notify

Print to

noprint

Help (F1)

Submit

Cancel

Parameters

Items From

CM08830

To

CM08830

Negative quantities only

No

OK

Cancel

Clear

Help

View output to get Quantity

Seattle Manufacturing
Sorted by Item
Items From: CM08830
To: CM08830

Inventory Quantity Summary Report

Report Date: 27-JUL-2015 15:35
Page: 1

Item	Description	UOM	Quantity	Item	Description	UOM	Quantity
CM08830	RAM - 256MB	Ea	341.00				

**** End of Report ****

Tables

The Order information is stored at Header and Line level. The header level information is stored Order Information tab and line level information is stored in Line Items tab.

oe_order_headers_all ooha — Header information

oe_order_lines_all oola — Lines information

ooha.header_id = oola.header_id — Join

0102030405060708

1

2

3

4

5

6

SELECT

ooha.flow_status_code header_status,

oola.flow_status_code line_status,

ooha.*,

oola.*

FROM apps.oe_order_headers_all ooha, apps.oe_order_lines_all oola

WHERE order_number = 66499 AND ooha.header_id = oola.header_id

Data Grid

Messages

Data Grid

DBMS Output (disabled)

Script Output

HEADER_STATUS

LINE_STATUS

HEADER_ID

ORG_ID

ORDER_TYPE_ID

ORDER_NUMBER

VERSION_NUMBER

EXPIRATION_DATE

ENTERED

ENTERED

191331

204

1000

66499

0

2. Book a Sales Order

Navigation: Order Management Super User, Vision Operations (USA) >> Orders, Returns >> Sales Orders >> Query Order Number >> Click on Book Order button to book sales order >>A note ‘Order has been booked’ appears.

The header status will be updated to Booked and line status to Awaiting Shipping.

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information

Line Items

Main

Others

Customer

Vision Operations

Customer Number

4637

Customer PO

Customer Contact

Ship To Location

10817

90 Fifth Avenue

New York, NY, 10022-3422,

Bill To Location

10819

90 Fifth Avenue

New York, NY, 10022-3422,

Order Number

66499

Order Type

Standard

Date Ordered

27-JUL-2015 15:14:42

Price List

Corporate

Salesperson

No Sales Credit

Status

Booked

Currency

USD

Subtotal

150.00

Tax

72.76

Charges

0.00

Total

222.76

Actions

Related Items

Configurator

Availability

Book Order

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information

Line Items

Main

Pricing

Shipping

Addresses

Returns

Services

Others

Line

Ordered Item

Schedule Ship Date

Status

On Hold

Cascaded Hold

ATO

Line

1.1

CM08830

27-JUL-2015 23:59:00

Awaiting Shipping

Stan

Order Total

222.76

Errors

In case you have message text as ‘Order-level sales credit total () must equal 100%.’ and not able to book the order then follow below process.

Order Information tab (Header) >> Click on Actions >> Sales Credits >> Enter the Salesperson details >> Give % as 100 >> Ok >> Save

Header Sales Credits

Order Number

66499

Standard

Sold To

Vision Operations

Default Sales Credits

Salesperson

Credit Type

Sales Group

Fix Sales Group

%

No Sales Credit

Quota Sales Cr

Unassigned

100.000

Revenue Total

100.000

%

Non Revenue Total

0.000

%

OK

Cancel

Tables

oe_order_headers_all oooha

oe_order_lines_all oola

In Inventory tab – Enter the warehouse details and select Auto Allocate to ‘Yes’

Release Sales Orders For Picking

Based On RuleDocument SetAll Pick Release DocumBatch

Release Criteria

OrderShippingInventory

WarehouseM1

Subinventory

Project

Task

Pick Slip Grouping RuleDeparture, Delivery

Allocation MethodInventory Only

Cross Dock Criteria

Auto AllocateYes

Plan Tasks

Task Priority

Pull Replenishment

Pick From

Subinventory

Locator

Default Stage

SubinventoryStaging1

Locator

Execute Now

Concurrent

Click on Execute Now button and verify the successful note. Make a note of Batch ID

Release Sales Orders For Picking

Based On RuleDocument SetAll Pick Release DocumBatch3924036

Release Criteria

OrderShippingInventory

OrdersUnreleased

Order Number66499

☐ Prior Reservations Only

Destination TypeShip-To Location

CustomerVision Operations

Order TypeStandard

Ship Set

Ship-To

Item

Category Set

Category

Number

Scheduled Ship Dates

From27-JUL-2015 15:14:42

To

Requested Dates

From27-JUL-2015 15:14:42

To

Execute Now

Concurrent

Errors

In case the below error persists:

Note

APP-WSH-231033: Pick Release Online has ended with a Warning. Please check the Shipping Exceptions Report for further details.

OK

In ‘Shipping Exceptions Report’ if you have

Message: Error: The item CM08830 does not have a preferred container load relationship in the organization Seattle Manufacturing. Please make sure that there is a container load relationship and that it is checked as preferred.

Error Message: E

Solution: Order Management Super User, Vision Operations (USA) >> Setup >> Shipping >> Container Load Details >> Enter the Container Item (any) & Load Item (our item) >> Save >> Retest

www.ebsguide.com/business-flow/order-to-cash-o2c/

10/22

Container		Load		Maximum	Preferred	
Item	Type	Item	UOM	Quantity	Flag	
A1 DOM	Airline Containe	CM08830	Ea	500	<input checked="" type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

Also ensure the below Shipping Parameters:

Order Management Super User, Vision Operations (USA) >> Setup >> Shipping >> Shipping Parameters >>Ensure the Percent Fill Basis – Quantity (since we selected item of UOM Each) >> In Shipping Transaction, Enforce Packing in Containers – No

Shipping Parameters (M1)

General

Pick Release

Shipping Transaction

Delivery

Transportation

Weight UOM Class

Weight

Volume UOM Class

Volume

Percent Fill Basis

Quantity

Export Compliance Screening
(Requires ITM Partner Integration)

Not Required

Enable Workflows

Delivery

Raise Business Events

☒

Enable Ship to Deliver Workflow

☒

Shipping Parameters (M1)

General

Pick Release

Shipping Transaction

Delivery

Transportation

Default Ship Confirm Document Set

Ship Confirm Documents

Ship Confirm Rule

Auto Ship

Auto-pack Options

Yes

Goods Dispatched Account

01-510-5110-0000-000

Enforce Packing in Containers

No

In ‘Shipping Exceptions Report’ if you have

Message: Error: Some deliveries selected for Ship Confirm have errors or warnings.

Error Message: E

Solution:

Execute the below query:

SELECT severity, status, a.*

FROM wsh_exceptions a

WHERE batch_id = 3924036

SEVERITY	STATUS	EXCEPTION_ID	LOGGED_AT	LOCATION_ID	LOGGING_ENTITY	LOGGING_ENTIT...	EXCEPTION_NAME	EXCEPTION_LOCATION_ID	MESSAGE
INFO	NO_ACTION_REQUIRED	6957118		267	SHIPPER	1813639	WSH_BATCH_MESSAGE	267	Warning: Some containers on delivery 3790176 do not meet their minimum fill percent
INFO	NO_ACTION_REQUIRED	6957118		267	SHIPPER	1813639	WSH_BATCH_MESSAGE	267	Error: Some deliveries selected for Ship Confirm have errors or warnings

Here the Severity is Info and status is NO_ACTION_REQUIRED. So we can proceed further without making any changes.

We can view these user defined messages:

Order Management Super User, Vision Operations (USA) >> Shipping >> Exceptions >> Click on Find button on View Exception form >> Enter the Delivery Name (wsh_delivery_assignments.delivery_id) >> Find >> Check for Exception Status & Behaviour

View Exceptions

Exception | Trip | Delivery | Container | Inventory

Exception ID	Exception Name	Exception Behavior	Status
6057118	WSH_BATCH_MESSAGE	Information Only	No Action Required
6057119	WSH_BATCH_MESSAGE	Information Only	No Action Required

Description: Batch Message

Message: Warning: Some containers on delivery 3790376 do not meet their minimum fill percent.

Error Message: E

New Open

Sales Orders (Vision Operations) - 66499, Vision Operations

Order Information **Line Items**

Order Total 222.76

Main Pricing Shipping Addresses Returns Services Others

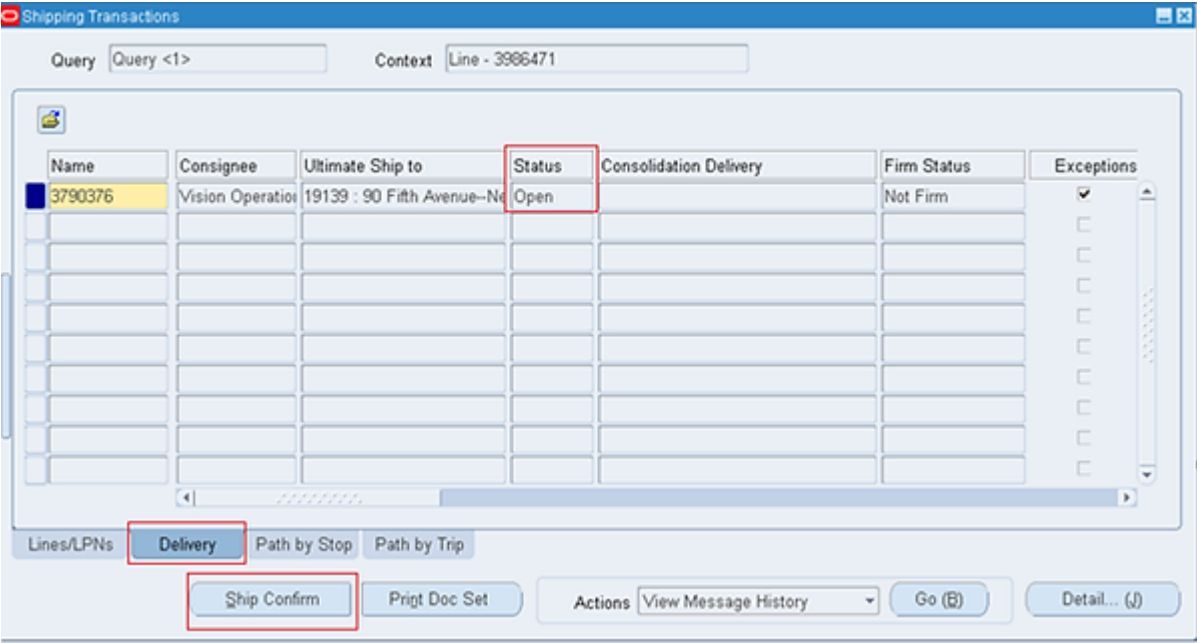
Line	Ordered Item	Status	On Hold	Cascaded Hold	ATO	Line Type	Qty Car
1.1	CM08830	Picked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Standard (Line Invo	0

1. Pick Slip Report
2. Shipping Exception Report
3. Auto Pack Report

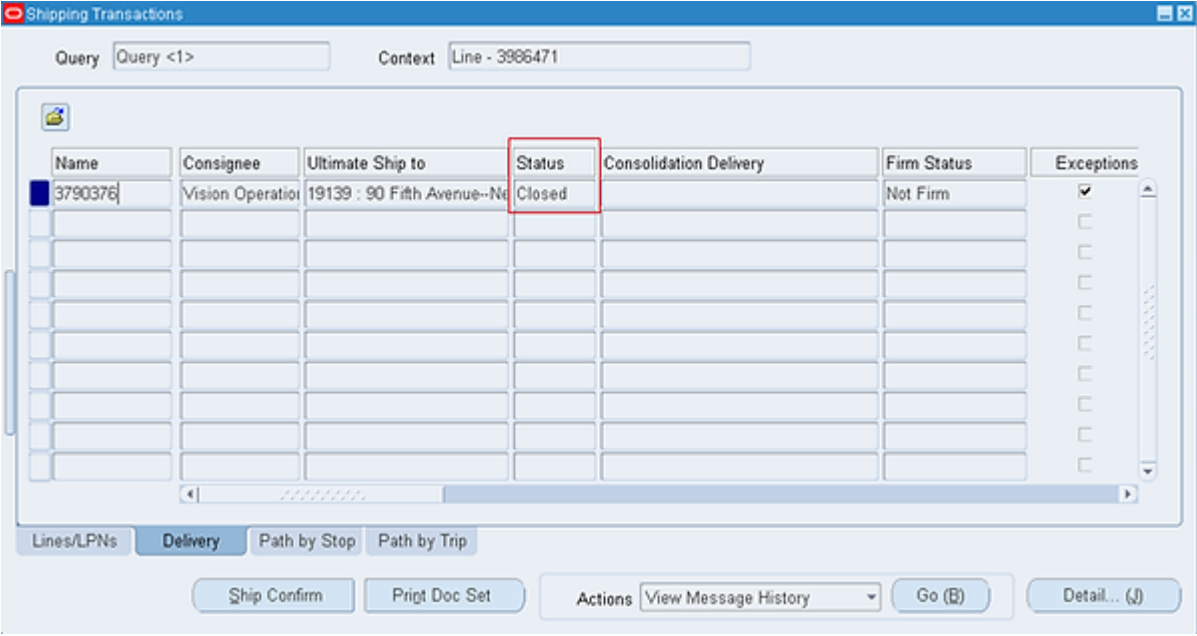
Requests					
Refresh Data		Find Requests		Submit a New Request...	
Request ID	Name	Parent	Phase	Status	Parameters
5874222	Auto Ship Confirm Report (Completed	Normal	3924036,
5874221	Auto Pack Report (Auto-pa		Completed	Normal	3924036,
5874220	Shipping Exceptions Report		Completed	Normal	, -99,, 207, ...3
5874219	Pick Slip Report		Completed	Normal	, , 1000, 66499, 66499, 392403

```
wsh_delivery_details wdd
wsh_delivery_assignments wda
wsh_new_deliveries
```

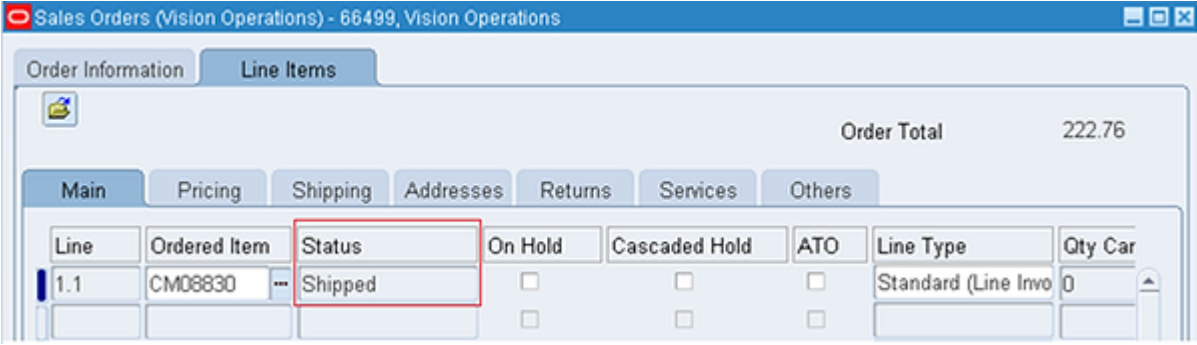

In Delivery tab >> Click on Ship Confirm >> Check for Successful note



The status will be closed in Shipping Transactions form



The order line status will be Shipped



Errors

- 1) In case you come across the “Error: The action cannot be performed because the selected records are not eligible.”
Then observe in Lines/LPNs whether we have Line Status as Staged/Pick Confirmed & Next Step as Ship Confirm/Close Trip Stop and in Delivery tab with Status as Open & Firm Status as Not Firm then in Delivery tab >> Actions >> Re-open >> Go >> Now test Ship Confirm
- 2) In case you have below error message
*****Warning: Some containers on delivery 3789388 do not meet their minimum fill percent.

Error: Bill of Lading Number could not be generated because the ship method code was not selected for the trip 3141354.

Warning: Bill of Lading information could not be automatically created for delivery 3789388.

Submitted 4 out of 4 documents for this document set. (REQ_IDS=5873897, 5873898, 5873899, 5873900)

Warning: Failed to submit document set for delivery 3789388

Ship to Deliver Workflow is launched for delivery 3789388.

Unexpected Error: Error in Routine WSH_NEW_DELIVERY_ACTIONS.setInTransit, Oracle Error – -29280

ORA-29280: invalid directory path

ORA-06512: at "SYS.UTL_FILE", line 41

ORA-06512: at "SYS.UTL_FILE", line 478

ORA-06512: at "APPS.ADS_UTIL_PKG", line 22

ORA-06512: at "APPS.ADS_WSH_DELIVERY_DET_TRG1", line 67

ORA-01403: no data found

ORA-04088: error during execution of trigger 'APPS.ADS_WSH_DELIVERY_DET_TRG1'

Error: Stop M1- Seattle Mfg:Seattle cannot be set to status CLOSED.

Warning: 1 deliveries will be marked as Confirmed.

Solution:

Here only 'APPS.ADS_WSH_DELIVERY_DET_TRG1' is error rest all are warning messages which doesn't have any impact

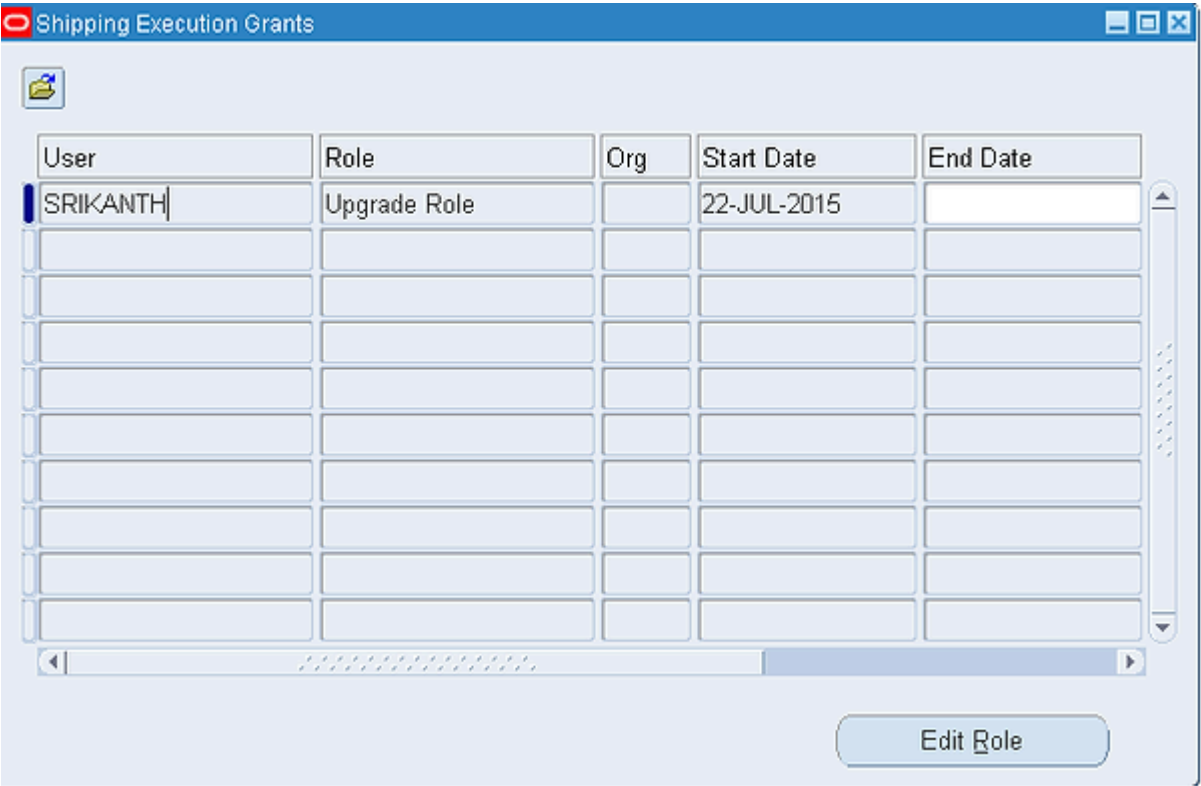
Execute the below sql and check for status:

```
SELECT trigger_name, status, owner
FROM dba_triggers
WHERE trigger_name LIKE '%ADS_WSH_DELIVERY_DET_TRG1%';
```

The status has to be disabled for which use below syntax in Toad/ sql*plus

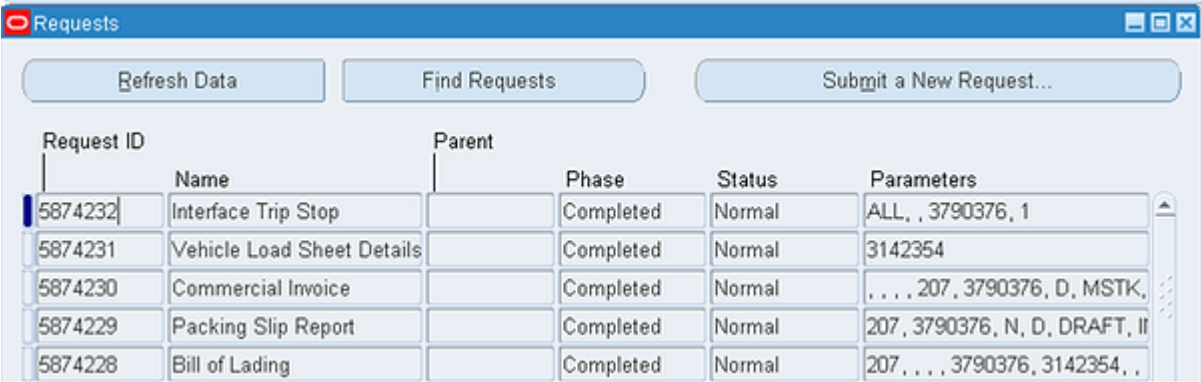
```
ALTER TRIGGER ADS_WSH_DELIVERY_DET_TRG1 DISABLE;
```

In case the ship confirm button is disabled then, Order Management Super User, Vision Operations (USA) >> Shipping >> Setup >> Grants and Role Definitions >> Grants >> Query your User details >> Select Role accordingly (Upgrade Role) >> Now go back to perform ship confirm.



Concurrent Program

- 1. Interface Trip Stop
- 2. Commercial Invoice
- 3. Packing Slip Report
- 4. Bill of Lading



Tables

oe_order_headers_all oooha

oe_order_lines_all oola

wsh_delivery_details wdd

oooha.flow_status_code = 'BOOKED'; oola.flow_status_code = 'SHIPPED'; wdd.released_status = 'C' (Ship confirmed)

1

2

3

4

5

6

7

8

9

10

11

12

SELECT

oooha.flow_status_code header_status,

oola.flow_status_code line_status,

wdd.released_status,

oooha.*, oola.*, wdd.*, wda.*

FROM

apps.oe_order_headers_all oooha,

apps.oe_order_lines_all oola,

apps.wsh_delivery_details wdd,

apps.wsh_delivery_assignments wda

WHERE

order_number = 66499

AND oooha.header_id = oola.header_id

AND oooha.header_id = wdd.source_header_id

AND wdd.delivery_detail_id = wda.delivery_detail_id

Data Grid

Messages

Data Grid

DBMS Output (disabled)

Script Output

HEADER_STATUS

LINE_STATUS

RELEASED_STATUS

HEADER_ID

ORG_ID

ORDER_TYPE_ID

ORDER_NUMBER

VERSION_NUMBER

BOOKED

SHIPPED

C

191331

204

1000

66499

0

5. Creation of Invoice

Navigation

The process starts by running Workflow Background Process program. Workflow Background Process program moves the lines from OM to AR interface tables (ra_interface_lines_all rail)

Order Management Super User, Vision Operations (USA) responsibility >> View >> Requests >> Run Workflow Background Process program >> Mandatory parameter: Process Deferred: Yes; Process Timeout: No

Submit Request

Run this Request...

Name

Workflow Background Process

Operating Unit

Parameters

Language

At these Times...

Run the Job

Upon Completion...

Layout

Notify

Copy...

Item Type

Minimum Threshold

Maximum Threshold

Process Deferred

Yes

Process Timeout

No

Process Stuck

...

OK

Cancel

Clear

Help

After the successful execution of Workflow Background Process we have

oooha.flow_status_code = 'CLOSED' {In case of scheduled programs header gets closed later}

oola.flow_status_code = 'CLOSED'

1

2

3

4

5

6

7

8

9

10

11

12

SELECT

oooha.flow_status_code header_status,

oola.flow_status_code line_status,

wdd.released_status,

oooha.*, oola.*, wdd.*, wda.*

FROM

apps.oe_order_headers_all oooha,

apps.oe_order_lines_all oola,

apps.wsh_delivery_details wdd,

apps.wsh_delivery_assignments wda

WHERE

order_number = 66499

AND oooha.header_id = oola.header_id

AND oooha.header_id = wdd.source_header_id

AND wdd.delivery_detail_id = wda.delivery_detail_id

Data Grid

Messages

Data Grid

DBMS Output (disabled)

Script Output

HEADER_STATUS

LINE_STATUS

RELEASED_STATUS

HEADER_ID

ORG_ID

ORDER_TYPE_ID

ORDER_NUMBER

BOOKED

CLOSED

C

191331

204

1000

66499

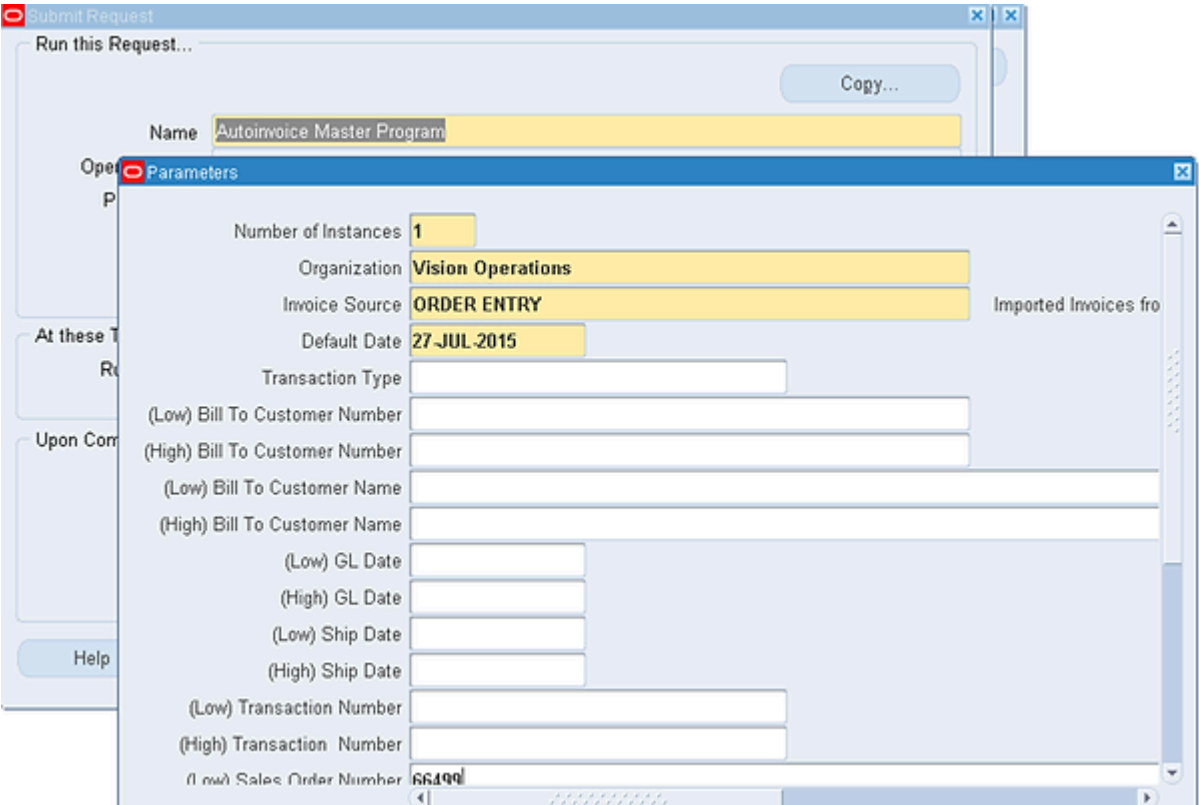
Now we need to run Auto Invoice Master program to move the lines from AR interface to AR base. The creation of invoice takes place at this step.

Prior to executing Auto Invoice Master Program in case of any errors we can check in AR interface lines.

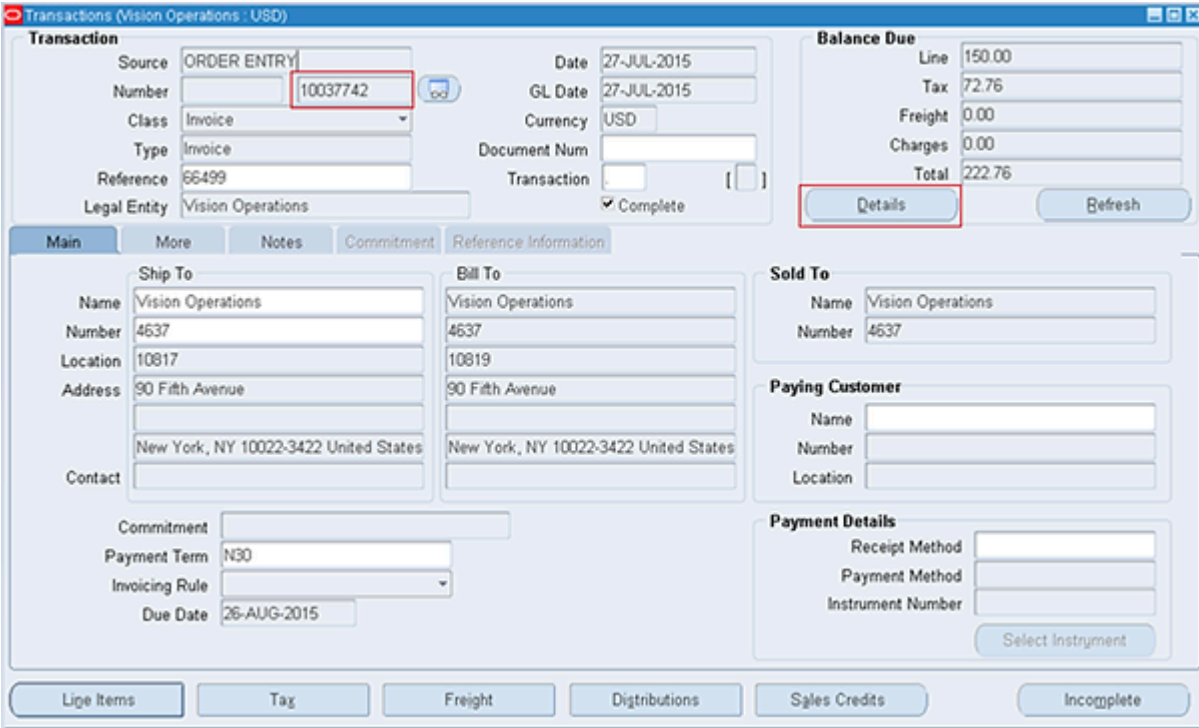
Receivables, Vision Operations (USA) >> Control >> AutoInvoice >> Interface Lines >> Query with Sales Order number and click on Error button to check the errors.

Invoice gets generated after Auto invoice master program runs.

Receivables, Vision Operations (USA) >> View >> Requests >> Run Autoinvoice Master Program >> Mandatory Parameters: Number of Instances: 1; Organization: Specific OU; Invoice Source: Order Management; Default Date: Todays date; Enter low & high sales order number.



This program move the lines from AR interface table to AR base table. To get invoice details go through given navigation Receivables Super User >> Transactions >> Transactions >> Query with Order Number/ Date



Errors

In Autoinvoice Import Program if you come across below error:

Errors: 1) Please complete your tax accounting flexfield (01-000—000)

Solution: Receivables, Vision Operations (USA) >> Setup >> Transactions >> Autoaccounting >> Select specific OU & Type as Tax >> Below screen shot deciphers >> Now exclude the table name as taxes and enter relevant constant value (like Standard VAT-Receivables) & Sub-Account : No Sub Account.

Save the form and run AutoInvoice Master Program

AutoAccounting (Receivables, Vision Operations (USA))

Operating Unit

Vision Operations

Type

Tax

Segments

Segment	Table Name	Constant
Company		01
Department		000
Account	Taxes	
Sub-Account	Taxes	
Product		000

Alternately we can make changes in EBT. Get the tax regime code and go to Tax Managers >> Tax Configuration >> Taxes >> Tax Rates tab

ORACLE® E-Business Tax

Home

Tax Configuration

Products

Parties

Transactions

Defaults and Controls

Provider Services

Advanced Setup Options

Requests

Tax Regimes

Taxes

Tax Statuses

Tax Jurisdictions

Tax Recovery Rates

Tax Rates

Tax Rules

Tax Rates

Search

* Indicates required field

Regime Level

Country

United States

* Country Name

United States

Tax Regime Code

XY_US_VAT

Tax Rate Code

Tax

Tax Jurisdiction Code

Configuration Owner

Go

What is a Tax Rate?

A Tax Rate is the rate specified for a tax status. A tax status can have one of several tax rates. In addition, special tax rates may apply to a specific tax jurisdiction.

Learn More...

TIP

Use the Copy and Override icon to create a new version of the tax rate with a different configuration owner. The configuration owner you specify can use this version of the tax rate instead of the common configuration version.

Create

Tax Rate Code	Tax Jurisdiction Code	Tax	Tax Regime Code	Country Name	Configuration Owner	Update	Copy and Override
STANDARD 10%	XY_US_VAT	XY_US_VAT	XY_US_VAT	United States	Global Configuration Owner		

About this Page

Privacy Statement

Copyright © 2008, Oracle. All rights reserved.

Click on Tax Rate Code >> View Tax Accounts >> Include the Ledger in case doesn't exist >> Update Tax Accounts >> Enter details for Tax Recoverable/Liability

ORACLE® E-Business Tax

Home

Tax Configuration

Products

Parties

Transactions

Defaults and Controls

Provider Services

Advanced Setup Options

Requests

Tax Regimes

Taxes

Tax Statuses

Tax Jurisdictions

Tax Recovery Rates

Tax Rates

Tax Rules

Tax Configuration: Tax Rates >

Update Tax Accounts

Tax Regime Code

XY_US_VAT

Tax

XY_US_VAT

Tax Status Code

STANDARD

Tax Rate Code

STANDARD 10%

Tax Jurisdiction Code

XY_US_VAT

Rate Type

Percentage

Effective From

18-Jun-2015

Tax Regime Name

XY_US_VAT

Tax Name

XY_US_VAT

Tax Status Name

Standard

Configuration Owner

Global Configuration Owner

Tax Jurisdiction Name

XY_US_VAT

Percentage Rate

10

Effective To

Main Information

Ledger

Vision Operations (USA)

Operating Unit

Vision Operations

General Tax Accounts

* Indicates required field

Tax Expense

Interim Tax

* Tax Recoverable/Liability

01-000-1320-0000-000

Concurrent Program

Workflow Background Process

Auto Invoice Master Program

Auto Invoice Import Program

Tables

Workflow Background Process program moves the lines from OM base to AR interface table

ra_interface_lines_all rail

rail.interface_line_context = 'ORDER ENTRY'; rail.interface_line_attribute1 = Order_Number;

rail.interface_line_attribute3 = Delivery_Id

AR Base tables:

ra_customer_trx_all rcta

ra_customer_trx_lines_all rctla

ra_cust_trx_line_gl_dist_all rctlg

rcta.ct_reference = TO_CHAR(ooha.order_number)

rcta.customer_trx_id = rctla.customer_trx_id

rctla.customer_trx_line_id = rctlg.customer_trx_line_id

www.ebsguide.com/business-flow/order-to-cash-o2c/

18/22

```
SELECT ooha.flow_status_code header_status,
oola.flow_status_code line_status,
wdd.released_status,
rcta.trx_number invoice_number
FROM apps.oe_order_headers_all ooha,
apps.oe_order_lines_all oola,
apps.wsh_delivery_details wdd,
apps.wsh_delivery_assignments wda,
apps.ra_customer_trx_all rcta,
apps.ra_customer_trx_lines_all rctla,
apps.ra_cust_trx_line_gl_dist_all rctlg
WHERE order_number = 66499
AND ooha.header_id = oola.header_id
AND ooha.header_id = wdd.source_header_id
AND wdd.delivery_detail_id = wda.delivery_detail_id
AND rcta.ct_reference = TO_CHAR (ooha.order_number)
AND rcta.customer_trx_id = rctla.customer_trx_id
AND rctla.customer_trx_line_id = rctlg.customer_trx_line_id
```

6. Receipt

Navigation: Receivables, Vision Operations (USA) >> Receipts >> Receipts >> We are creating receipt manually so in Receipt Method: Select bank from LOV; Receipt Number: Enter some manual number; Receipt Amount: Give amount details (could be partial/ full) >> Under Trans Number enter invoice number and click on Apply button >> Cross check the values in next page and save.

Receipts (Vision Operations : USD)

Receipt Method: Manual
Receipt Number: 66499
Receipt Amount: USD 222.76
Receipt Date: 28-JUL-2015
Receipt Type: Standard
State: Cleared

Balances
Unidentified: 0.00
Applied: 222.76
On Account: 0.00
Unapplied: 0.00
Cash Claims: 0.00
Prepayments: 0.00

Customer Bank
Name:
Account:
Remittance Bank
Name: Bank of America
Branch: New York
Account: *****619

Buttons: Confirm... 1, Reverse... 1, Receipt History, Search and Apply, Apply

Now go to AR transaction page and click on Details button under Balance due section

Transactions (Vision Operations : USD)

Transaction
Source: ORDER ENTRY
Number: 10037742
Date: 27-JUL-2015
Type: Invoice
Reference: 66499
Legal Entity: Vision Operations

Balance Due
Line: 0.00
Tax: 0.00
Freight: 0.00
Charges: 0.00
Total: 0.00

	Line	Tax	Freight	Charges	Total
Original	150.00	72.76	0.00		222.76
Receipts	<150.00>	<72.76>	0.00	0.00	<222.76>
Credits/Refunds	0.00	0.00	0.00		0.00
Adjustments	0.00	0.00	0.00	0.00	0.00
Assignments	0.00	0.00	0.00	0.00	0.00
Discount	0.00	0.00	0.00		0.00
Balance	0.00	0.00	0.00	0.00	0.00

Same Receipt number can be applied to one invoice for different payments. Also same Receipt number can be applied to multiple invoices. Ultimately ensure that the Balance in AR transaction form should be Zero.

Types

- 1. Manual
- 2. Automatic (Auto lock box)

Tables

ar_cash_receipts_all acra

ar_receivable_applications_all araa

rcta.customer_trx_id = araa.applied_customer_trx_id

araa.cash_receipt_id = acra.cash_receipt_id

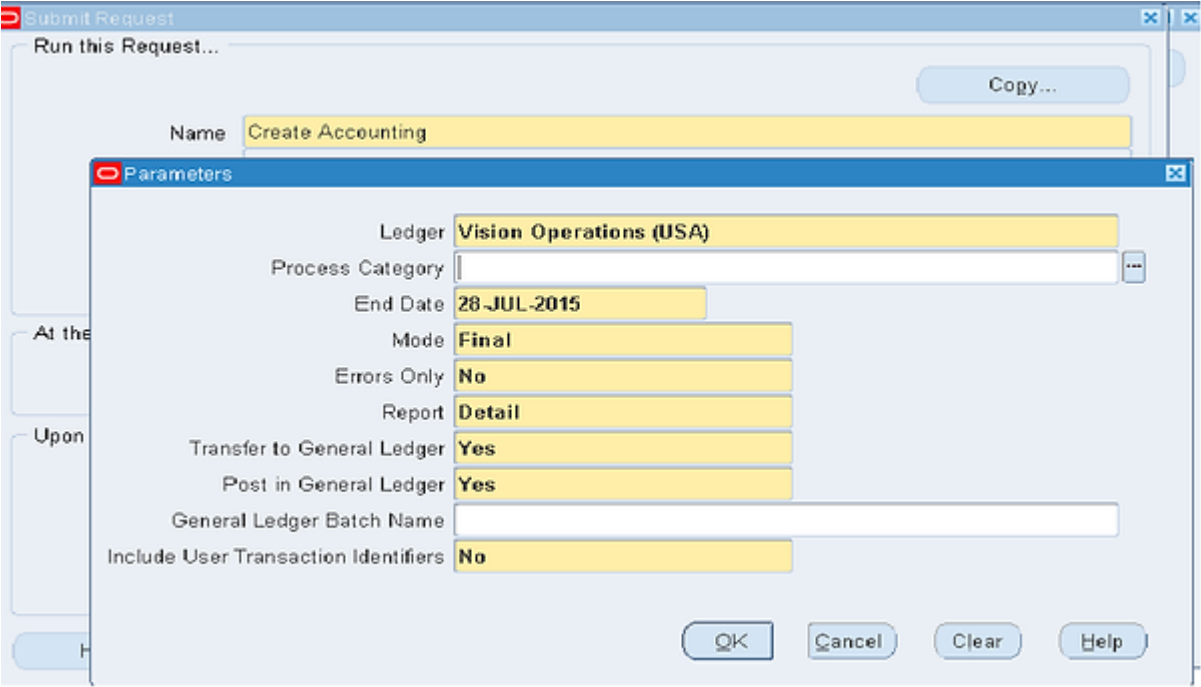
```
SELECT ooaha.flow_status_code header_status,
oola.flow_status_code line_status,
wdd.released_status,
rcta.trx_number invoice_number,
acra.receipt_number
FROM apps.oe_order_headers_all ooaha,
apps.oe_order_lines_all oola,
apps.wsh_delivery_details wdd,
apps.wsh_delivery_assignments wda,
apps.ra_customer_trx_all rcta,
apps.ra_customer_trx_lines_all rctla,
apps.ra_cust_trx_line_gl_dist_all rctlg,
ar_receivable_applications_all araa,
ar_cash_receipts_all acra
WHERE order_number = 66499
AND ooaha.header_id = oola.header_id
AND ooaha.header_id = wdd.source_header_id
AND wdd.delivery_detail_id = wda.delivery_detail_id
AND rcta.ct_reference = TO_CHAR (ooaha.order_number)
AND rcta.customer_trx_id = rctla.customer_trx_id
AND rctla.customer_trx_line_id = rctlg.customer_trx_line_id
AND rcta.customer_trx_id = araa.applied_customer_trx_id
AND araa.cash_receipt_id = acra.cash_receipt_id;
```

Now run ‘Create Accounting’ program from Receivables, Vision Operations (USA).

This program creates subledger journal entries

In 11i we used ‘General Ledger Transfer Program’ but in R12 we use ‘Create Accounting’

Enter Ledger; End Date: SYSDATE; Mode; Other parameters; Transfer to GL & Posted to GL: Yes



We have two modes to run the program.

1. Draft – For viewing purpose – Then we have to run ‘Transfer Journal Entries to GL’ which triggers ‘Journal Import’ program
2. Final – AR Base to GL Interface. In this mode we have to select Transfer to GL & Posted to GL: Yes. Here the subledger journal entries posted to GL. This triggers ‘Journal Import’ program.

5874373	Subledger Accounting Bala		Completed	Normal	222, , , 69522, A
5874372	Posting: Single Ledger		Completed	Normal	1, 1017, 101, 115231
5874371	Journal Import		Completed	Normal	1542158, -602, N, , , Y, N, Y

Now view the output of ‘Posting: Single Ledger’ program and make a note of batch name against specific Period. Looks like below screen shot.

Vision Operations (USA)		Posting Validation Report	Date: 28-JUL-15 15:21
			Page: 1
concurrent request id: 5874372			
----- Valid Journal Entry Batches -----			
Batch Name		Period Name	
-----		-----	
Receivables A 1550007 5874371		Jan-15	
Receivables A 1550007 5874371 2		Jul-15	
Receivables A 1550007 5874371 3		Nov-14	
All batches have completed status check with no errors			
***** End of Report *****			

7. Transfer to GL

Navigation

General Ledger Super User >> Journals >> Enter >> Under Batch enter: %A 1550007 5874371 2% >> Find >> You will find the batch status as Posted.

Enter Journals (Vision Operations (USA))								
Batch Status	Source	Category	Period	Batch Name	Journal Name	Currency	Journal Debit	Journal Credit
Posted	Receivables	Receipts	Jul-15	Receivables A 1550007	Jul-15 Receipts USD	USD	222.76	222.76
Posted	Receivables	Sales Invoices	Jul-15	Receivables A 1550007	Jul-15 Sales Invoices USD	USD	222.76	222.76

Click on Review Journal >> Click on T Accounts >> Options >> Check the Balances if unchecked >> Save >> Close form and again reopen T Accounts >> Here you find the receipt amount included to main balance = Receivable account Dr. to Revenue account Cr.

Tables

gl_je_batches; gl_je_headers; gl_je_lines; gl_balances

```
SELECT *
FROM gl_je_batches gjb, gl_je_headers gjh, gl_je_lines gjl
WHERE 1 = 1
AND gjb.name LIKE '%A 1550007 5874371 2%'
AND gjb.je_batch_id = gjh.je_batch_id
AND gjh.je_header_id = gjl.je_header_id
```

Post Journal batches: To update account balances in GL we post unposted journal batches.

Accounting Entries

Mandatory accounts in O2C

- Sales Order Entry – No Accounting Entry
- Sales Order Booking – No Accounting Entry
- Sales Order Release – No Accounting Entry
- Sales Order Shipping – Accounting entry created in Costing
- Dr. Deferred cost of goods sold A/C
- Cr. Inventory Material A/C
- Invoice created in Receivables – Accounting entry created in Receivables
- Dr. Receivable A/C
- Cr. Revenue A/C
- Receipts created in Receivables – Accounting entry created in Receivables
- Dr. Cash
- Cr. Receivables

[table id=20 /]

API's for Move Order:

For move order creation – INV_MOVE_PUB.PROCESS_MOVE_ORDER

For move order allocation – INV_REPLENISH_DETAIL_PUB.LINE_DETAILS_PIB

For move order or sales order confirm – INV_PICK_WAVE_PICK_CONFIRM_PUB.PICK_CONFIRM

For reservation creation – INV_RESERVATION_PUB.CREATE_RESERVATION

To get all reservations for an item – INV_RESERVATION_PUB.QUERY_RESERVATION