Solving Customs Tracking Number requirements outside United States

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and

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Agenda

- Introductions
- Overview
  - What is Customs Tracking Number
  - Why is Customs Tracking Number Required
  - Countries that require Customs Number Tracking
- Regulatory and Financial Requirements
- What solutions does Oracle Provide?
- Solution to handle Customs Tracking Number Requirements
  - Case Study
- References

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About the presenter – Himavan Kallem

- Professional Summary
  - Over 10+ years of consulting experience, specializing in Design and implementations
  - Areas of Expertise:
    — Order Management

    — Inventory

    — Purchasing

    — Costing

    — Advanced Pricing
- Qualifications
  - Certified R12 Implementation Specialist for Order Management, Inventory and Purchasing

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ZTB Corporation

- ZTB Corporation was established in 2012 to provide:
  - Consulting Services for new Implementations
  - Provide custom solutions
  - Improve business processes
  - Project Management
  - Enhance or re-design current solutions

About the Presenter – Carl Sandvik

- Professional Summary
  - Sr. Manager, Information Technology at Beckman Coulter, Inc
  - Over 15 years experience in Transportation, Distribution, Logistics and Project Management
  - Strategy development and global support of supply chain ERP applications
  - Specialties: Small Parcel carrier solutions/management and Logistics systems deployment

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What is Customs Tracking Number?

- Customs Tracking Number is a tracking number issued by the Customs Department of local Government.

- Multiple countries require tracking of customs clearance documentation through the supply chain.

- This requirement can apply to tracking on hand balances, printing on customer invoices, consumption reporting and local Government audit requirements.

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Why is Customs Tracking Number Required?

- Companies in various countries have requirements to track the Customs Clearance document number plus additional information

- The document number including the required additional information is known as the Foreign Entry Code number, or simply "Foreign Entry Code"

- The Foreign Entry Code is defined at time of Customs clearance in each Country and regulated by Customs and processed by the Customs Broker

- Foreign Entry Code transactions are reported to the each Country Internal Tax Service to account for Customs Duty paid and eliminate or recover Tax Liability and/or Taxes/Duties paid at time of consumption. Additionally, this is legal proof of customs processing audited by each Country Tax Department

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Why is Customs Tracking Number Required?

- The Foreign Entry Code Number is issued against all imported goods into each Foreign Country which may contain Lot Controlled, Serial Controlled and non-lot and non-serial controlled Finished Goods Items.

- Tracking of Foreign Entry Code is in addition to any Serial Number or Lot Controlled items required by the importing entity

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Countries that Require capture and tracking of the Foreign Entry Number

- Countries that that will require capture and tracking of Import details are,
    - Mexico (Pedimento Number)
    - Russia
    - Brazil
    - Turkey
    - India
    - Italy

Regulatory and Financial Requirements

- Report Foreign Entry Code detail at the item level on the Customer Facing Sales Invoices

- Report consumption of imported goods via direct sale to customer or non-direct sale

  - Sale: direct sale of item to customer, item invoiced directly to customer

  - Non-direct Sale: Consumption via Service contract repair, use in installation, use in remanufacturing/repair, inventory adjustments, etc..

- Report Balance on Hand, (BOH), of items and associated (non consumed), Foreign Entry Code

- Retain Foreign Entry Code Data for fulfillment of audit reporting/requirements

- Entities must ensure that each shipment of product is issued against a Foreign Entry Code Number. All the Items that are shipped and billed to the Customer must contain a Foreign Entry Code Number

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Foreign Entry Code Formats

- Different countries use different Formats
- Mexico:
    - The Foreign Entry Code Number is a 15 Digit Number (No Letters, Characters, hyphens)
    - The Format for the Foreign Entry Code Number is yyppbbbbdddddd
    - yy= the last 2 years of a year
    - pp= the Aduana Mexico port code
    - bbbb = the Mexican broker code
    - dddddd = the document number

Foreign Entry Code Formats – Continued

- Russia:
    - The Foreign Entry Code Number is a 24 Digit Number (No Letters)
    - The Format for the Foreign Entry Code Number is pppppppp/mmddyy/iiiiiii/123
    - pppppppp = the Customs import place
      mmddyy = The date format of the import declaration
    - iiiiiii = the Import document number
      123 = The page number of the import declaration on which the item was shown
    - All component of this number are separated by a delimiter (/)

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Business Needs

- Receipt Transaction enhancement
- Communication of Foreign Entry Code
- Foreign Entry Code Inventory Detail
- Query Inventory by Foreign Entry Code
- Tracking Foreign Entry Code
- Foreign Entry Code Reporting

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What Solutions does Oracle Provide?

- No out of the box solution.
- Use Lot Number field to track the Customs Tracking Number

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Challenges of using Lot Number field

- Cannot use Lot number field if items are lot controlled.
- Beckman Coulter, Inc. had lot controlled items and hence a custom solution was required.

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Solution Design

Solution Design

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Solution Design

- Custom Table similar to the MTL transactions Table was created
- Custom Forms were developed
- Triggers on the MTL transactions table
- DFF segments on the Receipts Header and Lines
- Customer Facing Documents were defined to print the Customs Tracking information

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Custom Table

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Custom Foreign Entry Table

- A table similar to the MTL transactions table was created with additional fields to track the Foreign Entry Number and the Date of Entry

Org Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity

Transaction ID	Foreign Entry Number	Quantity	Transaction Type Name	Sales Order Number	Purchase Order Number	Delivery Number	Move Order Number	Pick Slip Number	Transaction Action	Transaction Source Name

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Custom Foreign Entry Table – Cont.

- Lot Details Table

Lot Number	Expiration Date	Quantity

- Serial Numbers Table

Serial Numbers

Transactions that triggered Foreign Entry Data input to Custom Table

- Receipts into stores
- Issues out of stores
- Subinventory Transfers
- Move Order Transfers
- Inter-Org Transfers
- Service Debriefs

Custom Forms

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Foreign Entry On-Hand Query Form

Foreign Entry On-Hand Availability Form

Foreign Entry Transactions Form
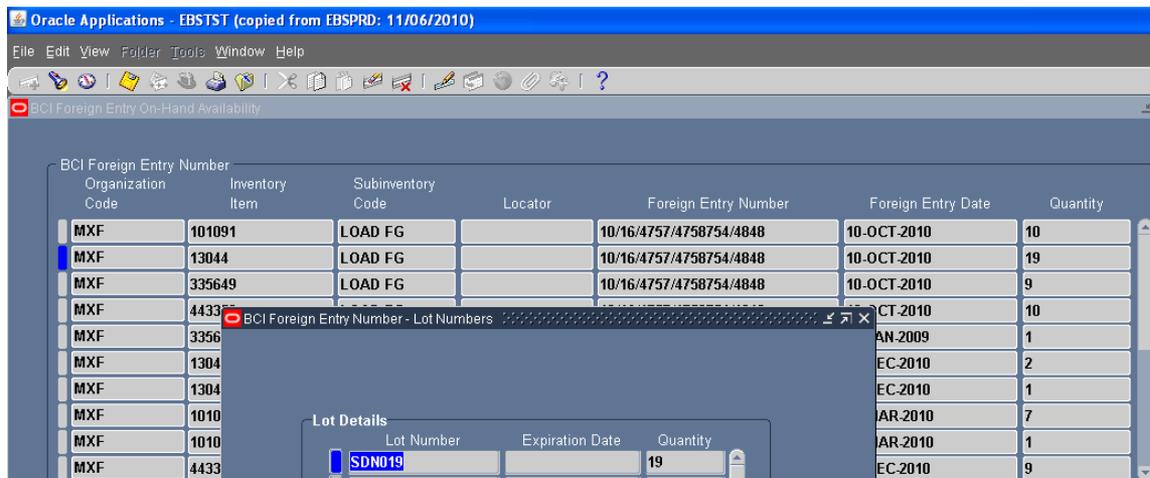
BCI Foreign Entry Number Transactions

Transactions Details

Transaction ID	Foreign Entry Number	Quantity	Transaction Type Name	Sales Order Number	Purchase Order Number	Delivery Number
699986970	13/47/3200/3006527/5854	-2	Subinventory Transfer			
699240797	13/47/3200/3006527/5854	-2	Sales order issue	71169137		60905372
698944578	13/47/3200/3006527/5854	2	Sales Order Pick	71169137		60905372
697989478	13/47/3200/3006527/5854	1	Sales Order Pick	71169017		60841037
696902138	13/47/3200/3006527/5854	-1	Sales order issue	71168614		60736078
696437436	13/47/3200/3006527/5854	1	Sales Order Pick	71168614		60736078
696437430	13/47/3200/3006527/5854	2	Sales Order Pick	71168361		60736077
696260265	13/47/3200/3006527/5854	-1	Sales order issue	71168864		60693613
695993935	13/47/3200/3006527/5854	1	Sales Order Pick	71168864		60693613
695992324	13/47/3200/3006527/5854	-1	Sales order issue	71168831		60690436
695986517	13/47/3200/3006527/5854	-2	Sales order issue	71168818		60662309
695943085	13/47/3200/3006527/5854	1	Sales Order Pick	71168831		60690436

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Foreign Entry Lot and Serial Number Form

Setups

Setups Details Lookups

- Lookup to identify which organizations are required to utilize Foreign Entry Tracking:

  Type: BCI_FOREIGN_ITEM_IMPORT_ORGS

Setups Details Lookups – Continued

- Lookup Table to identify the Port of Entry for Mexico
  - **Type:** BCI_FOREIGN_ENTRY_LOGIC

DFF Setups – Receipts Header

- **RCV_SHIPMENT_HEADERS**

  Type: BCI_FOREIGN_ENTRY_LOGIC

DFF Setups - Receipts Header - Cont.

- **Segments**

Segments Summary (RCV_SHIPMENT_HEADERS) - GLOBAL_FE-RCVRCERC

Number	Name	Window Prompt	Column	Value Set	Displayed	Enabled
10	Foreign Entry Number	Foreign Entry Number	ATTRIBUTE5	30 Characters	☑	☑
20	Foreign Entry Date	Foreign Entry Date	ATTRIBUTE6	BCI Date	☑	☑

DFF Setups - Receipts Line

- **RCV_SHIPMENT_LINES**

- The receipt line DFF segments are populated automatically from the Receipt header

Sample Transactions

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Sample Transactions

- **PO Receipts:**
  - Purchase Orders Created with Lot Expiry, Serial, Lot Only and Std FG items

PO Receipts Header

- The two Foreign Entry DFF segments (Foreign Entry Number and Foreign Entry Date) are required to be input.

Custom Foreign Entry Table Entry

- **Custom Foreign Entry Table**

- The Foreign Entry tables show the Items, the subinventory the items were received into along with the Foreign Entry Number and Date information and the Quantity

Custom Foreign Entry Table Entry for Lot Controlled Items

■ For Lot Controlled items the Foreign Entry Lot Details form shows the Lot Numbers that were received along with the quantity.

Custom Foreign Entry Table Entry for Serial Controlled Items

- For Serial Controlled items the Foreign Entry Lot Details form shows the Serial Numbers that were received along with the quantity.

Custom Foreign Entry Table Entry for Lot/ Expiry Items

■ For Lot/ Expiry Items that Lot Details Table shows the Lot#, Lot Expiry Date along with the Quantity.

Miscellaneous Receipts

- Foreign Entry DFF segments are required to be inputted with the Foreign Entry Number and Foreign Entry Date.
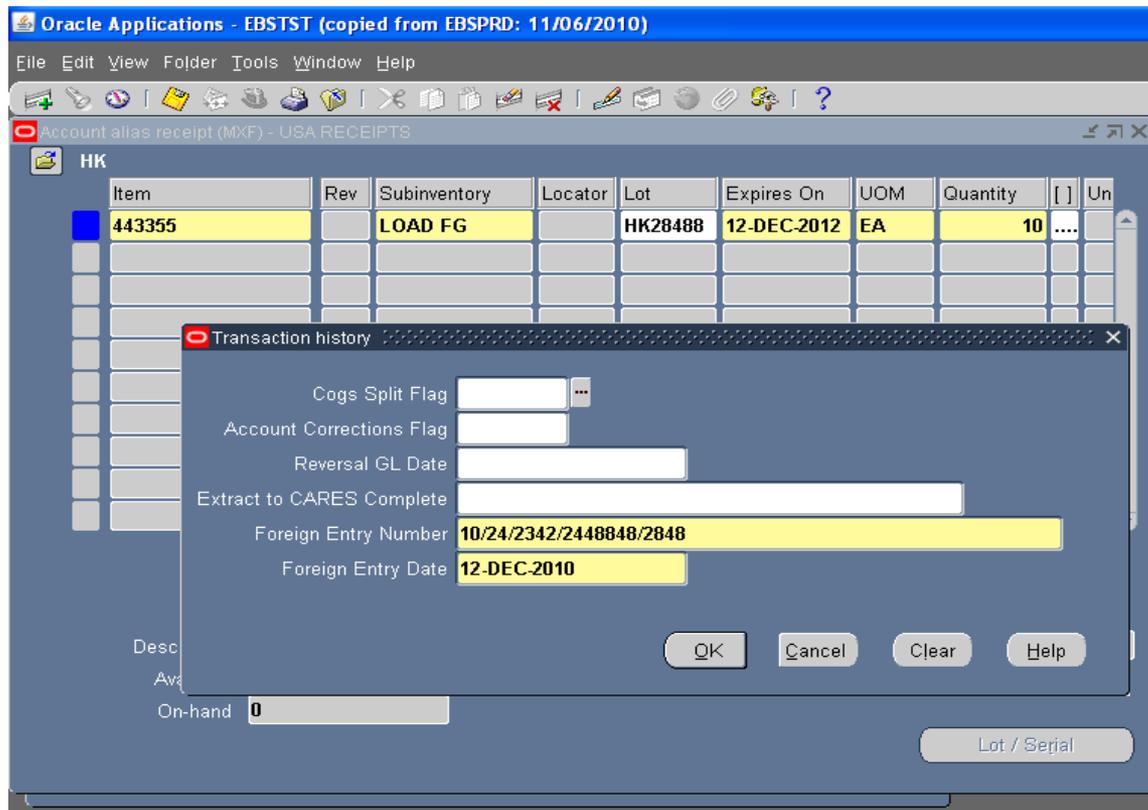
Foreign Entry Table for Miscellaneous Transactions

- Upon successfully saving the transactions, the custom Foreign Entry Tables show the Foreign Entry Number, Date and the Item information.

Subinventory Transactions

- For Items that are transferred between subinventories, the Foreign Entry Data is carried from one subinventory to another.

- The custom table shows the Foreign Entry data that is transferred with the items from one subinventory to another.

Customer Facing Documents that require reporting the Foreign Entry Data

- Sales Invoices
- Service Invoices
- Commercial Invoice

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Invoice Printing

- Invoices print the Foreign Entry Number information for every shippable item.

- No customization for any AR transactions or Tables.

- The AR Invoice Print program was updated to include the Foreign Entry Information.

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Invoice Printing – Continued

Integration with Global Trade Management (GTM)

- Current Solution requires Foreign Entry code to be entered manually for each transaction processed

- The Global Trade Management tool can be used to store the foreign entry information and it should be possible to interface the data into the custom Oracle EBS solution.

- Beckman Coulter, Inc. is currently working with the Oracle GTM team on integrating the Foreign Entry Code requirements for interfacing into Oracle EBS

- Eliminate Potential user data input issues

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Integration with Global Trade Management (GTM)

■ Input of Foreign Entry Data

■ Content Source to import

Integration with Global Trade Management (GTM)

- Customs Info Feed

- GTM Data Load

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Conclusion

- Custom Solution met all the requirements
- Custom Development helped Beckman Coulter, Inc. track the foreign entry number across the inventory orgs
- Accurate Reporting
- Compliance with all local customs regulations

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- **CUARTA SECCION SECRETARIA DE HACIENDA Y CREDITO PUBLICO**
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Thank You!

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