



**COLLABORATE14**

TECHNOLOGY AND APPLICATIONS FORUM  
FOR THE ORACLE COMMUNITY

#C14LV

# Solving Customs Tracking Number requirements outside United States

**Session ID#: 14430**

Prepared by:  
Himavan Kallem - ZTB Corporation  
and  
Carl Sandvik - Beckman Coulter, Inc.



**REMINDER**

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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



# 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





- 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



# 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.



# 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



# 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





# 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



# 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 yypbbsbbsbbsbbsbbs
  - yy= the last 2 years of a year
  - pp= the Aduana Mexico port code
  - bbsb = the Mexican broker code
  - bbsbbsbbsbbsbbsbbs = 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/iiiiii/123
- pppppppp = the Customs import place  
mmddyy = The date format of the import declaration
- iiiiii = 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 (/)



# 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



# What Solutions does Oracle Provide?

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



# 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.



# Solution Design





# 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



# Custom Table

*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



# 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



# Foreign Entry On-Hand Query Form

BCI Foreign Entry Number Inquiry

Organization

Foreign Entry Number

Item

Subinventory

Locator

Delivery Number

Show 0 qty FE Records ☒ Yes ☐ No ☐ Only



# Foreign Entry On-Hand Availability Form

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number

Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	7547198	STAGING		13/47/3200/3006527/5854	29-OCT-2013	1
MXF	81901	STAGING		13/47/3200/3006082/5801	08-OCT-2013	27
MXF	A39038	STAGING		13/00/0000/0000000/2564	08-OCT-2013	10
MXF	81910	STAGING		13/47/3105/3000996/5770	25-SEP-2013	2
MXF	387687	LOAD FG		13/47/3105/3000996/5770	25-SEP-2013	84
MXF	387687	STAGING		13/47/3105/3000996/5770	25-SEP-2013	5
MXF	81901	LOAD FG		13/47/3200/3006082/5801	08-OCT-2013	96
MXF	81910	LOAD FG		13/47/3105/3000996/5770	25-SEP-2013	57
MXF	7547001	LOAD FG		13/47/3105/3001133/5851	28-OCT-2013	2
MXF	A16792	LOAD FG		13/24/3202/3022090/5892	06-NOV-2013	68

Transactions Lot Details





# 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



# Foreign Entry Lot and Serial Number Form

BCI Foreign Entry Number - Lot Numbers

**Lot Details**

Lot Number	Expiration Date	Quantity
1113	05-JAN-2014	1

BCI Foreign Entry Number - Serial Numbers

**Serial Numbers**

1761
3248



# Setups



# Setups Details Lookups

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

**Type:** BCI\_FOREIGN\_ITEM\_IMPORT\_ORGS

The screenshot shows the 'Manufacturing Lookups' window. The 'Type' field is set to 'BCI\_FOREIGN\_ITEM\_IMPORT\_ORGS'. The 'Meaning' field is also 'BCI\_FOREIGN\_ITEM\_IMPORT\_ORGS'. The 'Application' is 'Inventory'. The 'Access Level' is set to 'System'. Below these fields is a table with columns: Code, Meaning, Description, Tag, Effective Dates (From, To), and Enabled. The table contains five rows of data, all with 'Y' in the Description field and '22-DEC-2010' in the From field. The first row (MXD) has '16-JUN-2009' in the To field. The last three rows (RUF, RUS, and two empty rows) have '16-JUN-2009' in the From field. All rows have the 'Enabled' checkbox checked.

Code	Meaning	Description	Tag	From	To	Enabled
MXD	MXD	Y		22-DEC-2010		<input checked="" type="checkbox"/>
MXF	MXF	Y		22-DEC-2010		<input checked="" type="checkbox"/>
MXS	MXS	Y		22-DEC-2010		<input checked="" type="checkbox"/>
RUF	RUF	Y		16-JUN-2009		<input checked="" type="checkbox"/>
RUS	RUS	Y		16-JUN-2009		<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>



# Setups Details Lookups – Continued

- Lookup Table to identify the Port of Entry for Mexico
  - **Type:** BCI\_FOREIGN\_ENTRY\_LOGIC

Order Management Lookups

Type: **BCI\_FOREIGN\_ENTRY\_LOGIC**

Meaning: **BCI Foreign Entry Logic for Broker Code and Port of Entry**

Application: **BCI Order Management**

Description: **BCI Foreign Entry Logic for Broker Code and Port of Entry**

Access Level:

☐ User

☐ Extensible

☐ System

Effective Dates						Enabled
Code	Meaning	Description	Tag	From	To	
00	00	LOCAL PURCHASE		23-DEC-2010		<input checked="" type="checkbox"/>
16	16	CD MANZANILLO, COL		23-DEC-2010		<input checked="" type="checkbox"/>
24	24	CD LAREDO		23-DEC-2010		<input checked="" type="checkbox"/>
43	43	CD VERACRUZ		23-DEC-2010		<input checked="" type="checkbox"/>
47	47	CD DE MEXICO		23-DEC-2010		<input checked="" type="checkbox"/>
80	80	CD COLOMBIA, NUEVO		23-DEC-2010		<input checked="" type="checkbox"/>
L	3905	ADUANA: CD LAREDO		03-OCT-2008	17-JAN-2011	<input checked="" type="checkbox"/>
M	3349	ADUANA: CD DE MEXI		03-OCT-2008	17-JAN-2011	<input checked="" type="checkbox"/>
X	.	Local		03-OCT-2008	17-JAN-2011	<input checked="" type="checkbox"/>
						<input type="checkbox"/>



# DFF Setups – Receipts Header

## ■ RCV\_SHIPMENT\_HEADERS

Type: BCI\_FOREIGN\_ENTRY\_LOGIC

The screenshot shows the 'Descriptive Flexfield Segments' window for the 'RCV\_SHIPMENT\_HEADERS' segment. The window is titled 'Descriptive Flexfield Segments' and has a standard Oracle interface with navigation buttons (back, forward, search, etc.) in the top right corner.

**Application:** Purchasing  
**Title:** RCV\_SHIPMENT\_HEADERS  
☒ Freeze Flexfield Definition  
**Segment Separator:** Period (.)

**Context Field**

Prompt: Context Value  
Value Set:   
Default Value:   
Reference Field: GLOBAL.BCI\_FORM\_NAME\_TI

☐ Required  
☐ Displayed  
☒ Synchronize with Reference Field

**Context Field Values**

Code	Name	Description	Enabled
GLOBAL_FE-RCVRCERC	GLOBAL_FE-RCVRCERC	Global Foreign Entry Context	<input checked="" type="checkbox"/>
RCVRCERC-FE-TRUE	RCVRCERC-FE-TRUE	Foreign Entry Logic Only	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Buttons: Compile, Segments



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# DFF Setups - Receipts Header - Cont.

## ■ Segments

Segments Summary (RCV\_SHIPMENT\_HEADERS) - GLOBAL\_FE-RCVRCERC

Number	Name	Window Prompt	Column	Value Set	Enabled	Displayed
10	Foreign Entry Number	Foreign Entry Number	ATTRIBUTE5	30 Characters	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20	Foreign Entry Date	Foreign Entry Date	ATTRIBUTE6	BCI Date	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>



# DFF Setups - Receipts Line

## ■ RCV\_SHIPMENT\_LINES

The screenshot shows the 'Descriptive Flexfield Segments' window for the 'RCV\_SHIPMENT\_LINES' segment. The window is titled 'Descriptive Flexfield Segments' and has a title bar with standard window controls. The main area is divided into several sections:

- Application:** Purchasing
- Title:** RCV\_SHIPMENT\_LINES
- Freeze Flexfield Definition:** ☒
- Segment Separator:** Period ( . )
- Context Field:**
  - Prompt:** Context Value
  - Value Set:** (empty)
  - Default Value:** (empty)
  - Reference Field:** (empty)
  - Required:** ☐
  - Displayed:** ☒
  - Synchronize with Reference Field:** ☐
- Context Field Values:**

Code	Name	Description	Enabled
Global Data Elements	Global Data Elements	Global Data Element Context	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

At the bottom of the window, there are two buttons: 'Compile' and 'Segments'.

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





# Sample Transactions

## Sample Transactions

## ■ PO Receipts:

- Purchase Orders Created with Lot Expiry, Serial, Lot Only and Std FG items

[illegible]

# PO Receipts Header

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

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Actions Window Help

Receipts (MXF)

Receipt Header (MXF)

☐ New Receipt ☒ Add To Receipt

Receipt

Shipment

Packing Slip

Freight Carrier

Containers

Supplier

Comments

Receipt Date

Shipped Date

Waybill/Airbill

Bill of Lading

Received By

Order Type  Order

Supplier  Due Date

Item Description ☒ RCV\_SHIPMENT\_HEADERS

Destination

Header Receiver Note

Shipment Receiver Note

Foreign Entry Number

Foreign Entry Date

OK Cancel Clear Help



# Custom Foreign Entry Table Entry

## ■ Custom Foreign Entry Table

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	101091	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	13044	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	19
MXF	335649	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	9
MXF	443350	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10

- 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

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	101091	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	13044	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	19
MXF	335649	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	9
MXF	443350	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10

BCI Foreign Entry Number Transactions

Transactions Details

Transaction ID	Foreign Entry Number	Quantity	Transaction Type Name	Sales Order Number	Purchase Order Number	Delivery Number
424989296	10/16/4757/4758754/4848	10	PO Receipt		658	



# 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.

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	101091	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	13044	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	19
MXF	335649	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	9
MXF	4433					CT-2010	10
MXF	3356					AN-2009	1
MXF	1304					EC-2010	2
MXF	1304					EC-2010	1
MXF	1010					JAR-2010	7
MXF	1010					JAR-2010	1
MXF	4433					EC-2010	9

BCI Foreign Entry Number - Lot Numbers

Lot Number	Expiration Date	Quantity
SDN019		19



# 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.

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	101091	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	13044	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	19
MXF	335649	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	9
MXF	4433				16/4757/4758754/4848	10-OCT-2010	10
MXF	3356				16/4748/7464646/9745	01-JAN-2009	1
MXF	1304				24/2848/4848484/2889	12-DEC-2010	2
MXF	1304				24/2848/4848484/2889	12-DEC-2010	1
MXF	1010				24/2398/6469222/9876	02-MAR-2010	7
MXF	1010				24/2398/6469222/9876	02-MAR-2010	1
MXF	4433				24/2234/2342242/2342	12-DEC-2010	9

BCI Foreign Entry Number - Serial Numbers

Serial Numbers

- CES239
- CES240
- CES241
- CES242
- CES243
- CES244
- CES245
- CES246
- CES247

Serial Numbers



# 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.

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	101091	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	13044	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	19
MXF	335649	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	9
MXF	443350	LOAD FG			10/16/4757/4758754/4848	10-OCT-2010	10
MXF	3356					AN-2009	1
MXF	1304					EC-2010	2
MXF	1304					EC-2010	1
MXF	1010					AR-2010	7
MXF	1010					AR-2010	1
MXF	4433					EC-2010	9

BCI Foreign Entry Number - Lot Numbers

Lot Number	Expiration Date	Quantity
HRK29499	12-DEC-2012	10



## Miscellaneous Receipts

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

The screenshot shows the Oracle Applications interface. At the top, there's a title bar "Oracle Applications - EBSTST (copied from HSPRD: 11/06/2010)". Below it is a menu bar with File, Edit, View, Folder, Tools, Window, Help. A toolbar contains various icons like printer, save, undo, redo, etc. The main window has a tab labeled "Account alias receipt (MXF) - USA RECEIPTS". On the left, there's a tree view with folders like HK, Desc, Avd, On-hand, and Lot / Serial. The central pane displays a table with columns: Item, Rev, Subinventory, Locator, Lot, Expires On, UOM, Quantity, [ ], Un. The first row highlights item 443355 with quantity 10. Overlaid on this is a "Transaction history" dialog box. It contains fields for Cogs Split Flag, Account Corrections Flag, Reversal GL Date, Extract to CARES Complete, Foreign Entry Number (highlighted as 10/24/2342/2448848/2848), and Foreign Entry Date (highlighted as 12-DEC-2010). Buttons at the bottom include OK, Cancel, Clear, and Help.



# 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.

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	443355	LOAD FG		10/24/2342/2448848/2848	12-DEC-2010	10

BCI Foreign Entry Number Transactions

Transactions Details

Transaction ID	Foreign Entry Number	Quantity	Transaction Type Name	Sales Order Number	Purchase Order Number	Delivery Number
424977829	10/24/2342/2448848/2848	10	Account alias receipt			

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	443355	LOAD FG		10/24/2342/2448848/2848	12-DEC-2010	10
MXF					10-OCT-2010	1
MXF					12-DEC-2010	10

BCI Foreign Entry Number - Lot Numbers

Lot Details

Lot Number	Expiration Date	Quantity
HK28488	12-DEC-2012	10



# Subinventory Transactions

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

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

Subinventory Transfer (MXF)

Item	Rev	Subinventory	To Subinv	To Loca	Lot	Expires On	UOM	Quantity
443355		LOAD FG	Quar-Net		HK28488	12-DEC-2012	EA	10

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

Oracle Applications - EBSTST (copied from EBSPRD: 11/06/2010)

File Edit View Folder Tools Window Help

BCI Foreign Entry On-Hand Availability

BCI Foreign Entry Number	Organization Code	Inventory Item	Subinventory Code	Locator	Foreign Entry Number	Foreign Entry Date	Quantity
MXF	443355	Quar-Net			10/24/2342/2448848/2848	12-DEC-2010	10
MXF	443355	LOAD FG			10/24/2342/2448848/2848	12-DEC-2010	0

BCI Foreign Entry Number Transactions

Transaction ID	Foreign Entry Number	Quantity	Transaction Name	Sales Order Number	Purchase Order Number	Delivery Number
424977867	10/24/2342/2448848/2848	-10	Subinventory Transfer			
424977829	10/24/2342/2448848/2848	10	Account alias receipt			



# Customer Facing Documents that require reporting the Foreign Entry Data

- Sales Invoices
- Service Invoices
- Commercial Invoice



# 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.



# Invoice Printing – Continued

#C14LV



**BECKMAN COULTER DE MEXICO, S.A. DE C.V.**  
 AV POPOCATEPETL No.396 Col.GRAL. PEDRO MA. ANAYA  
 C.P. 03340 MEXICO BENITO JUAREZ  
 TEL.COMUTADOR: 9183-2800 FAX: 5888-7537  
 CED. DE EMP. 1429722 REG CANACINTRA 1353  
 PADRON DE PROV. DEL GOB. FED. No. 31-719 SPP. 80989541803



**10026506**  
 FOLIO SAT: 1C85C5EE-D88A-47F9-9DB6-40E42E08774  
 FECHA TIMBRE: 08-01-2011 09:12:46

FACTURA  
 PÁGINA: 1

REF.71037772  
 FECHA:07/01/2011 17:40:00  
 Certificado: 00001000000102443022  
 Certificado SAT: 00001000000102508049

**CLIENTE:107940**  
 LABORATORIO MEDICO POLANCO, S.A. DE C.V.  
 CALLE ALVARO ABREGON No. 121 PISO 800L ROMA NORTE  
 DELEGACION CUAHUTEMOCIN 06700 MEXICO  
 DF, C.P. 06700  
 MX  
 RFC:LMP771017AM8

**EMBARCAR A: 932118**  
 LABORATORIO MEDICO POLANCO, S.A. DE C.V.  
 MANZANA No. 50 3er. PISOCOL. DEL VALLE CENTRO  
 DELEGACION BENITO JUAREZ  
 MEXICO  
 DF 03100  
 MX

FECHA PEDIDO: 29/10/2010  
 PEDIDO CLIENTE:15721  
 VIA DE EMBARQUE:LOAD SA DE CV  
 TIPO DE ORDEN:FACTURA  
 ANALISTA:MARTINEZ RAMON, Ms. CLAUDIA  
 FORMA DE PAGO: Pago en una sola exhibición  
 CONDICIONES:NOVENTA DIAS

Foreign Entry  
 Number  
 Information

PARTIDA	CANT.	PORTE NUMERO	DESCRIPCION	CANT. ORDEN	CANT. PEND.	PRECIO UNITARIO	IMPORTE
1	1	A10826	ACCESS DHEA-S 2X50 DET.	26	25	1144	1144
1	1	EA					
		Lote: 13004	Fecha caducidad: 31-05-2011				
		Número de pedimento: 3349/0008972	Fecha de pedimento: 22/10/2010	Aduana: CD DE MEXICO			
2	1	33410	ACCESS ULTRASENSITIVE INSULIN 2X50DE	48	47	2197	2197
2	1	EA					
		Lote: 14481	Fecha caducidad: 30-06-2012				
		Número de pedimento: 3349/0008972	Fecha de pedimento: 22/10/2010	Aduana: CD DE MEXICO			
3	5	37200	ACCESS HYBRITECH PSA RGT KIT (2X50	269	254	2288	11440
3	5	EA					
		Lote: 13120	Fecha caducidad: 30-06-2011				
		Número de pedimento: 3349/0008972	Fecha de pedimento: 22/10/2010	Aduana: CD DE MEXICO			
4	10	37200	ACCESS HYBRITECH PSA RGT KIT (2X50	269	254	2288	22880
4	10	EA					
		Lote: 13120	Fecha caducidad: 30-06-2011				
		Número de pedimento: 3349/0008972	Fecha de pedimento: 22/10/2010	Aduana: CD DE MEXICO			

T.C. DOF \$  
 T.C. FACTURA \$

SUB TOTAL: 37,861.00  
 IVA: 6,025.76  
 TOTAL: 43,886.76

CUARENTA Y TRES MIL SEISCIENTOS OCHENTA Y SEIS PESOS 76/100 MXN

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# 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



# Integration with Global Trade Management (GTM)

## ■ Input of Foreign Entry Data

ORACLE LOGISTICS Version 6.3.1

Message Center 0/0 | Welcome B | Role BCLBCLOTM ADMINIS

Information | Business Monitor | Logout

Trade Transaction

Event Diagnostics

GTM Party - Support

Trade Compliance Management

Trade Master Data

Trade Item Management

Party Management

Registration Management

Product Classification

Process Management

Screening Service Configuration

Power Data

Customs Management

Order and Shipment Management

Order Management

Content Source Total Found: 1

New View Edit Delete

Replace Current Window

Pages 1 | Selected Page: 0 Total: 0

ID	Content Source ID	Source Name	Domain Name
<input type="checkbox"/>	CUSTOMS INFO	CUSTOMS INFO	PUBLIC

New Query Refine Query Export Saved Query: Execute Query

## ■ Content Source to import

ORACLE LOGISTICS Version 6.3.1

Message Center 0/0 | Welcome BC | Role BCLBCLOTM

Information | Business Monitor

Trade Transaction

Event Diagnostics

GTM Party - Support

Trade Compliance Management

Trade Master Data

Trade Item Management

Party Management

Registration Management

Product Classification

Process Management

Screening Service Configuration

Power Data

Customs Management

Order and Shipment Management

Order Management

Content Source Result > Content Source

Content Source 1 of 1 New

Content Source ID	Source Name	Domain Name
CUSTOMS INFO	CUSTOMS INFO	PUBLIC

Content Source Data Type

Source Data Type	Supported	Content Type
SBECCN	△	SCHEDULE B TO ECCN-US MAPPING
SCHEDB	△	SCHEDULE B
HSN	△	HTS-US
HSN	△	HTS-PH
HSN	△	HTS-NZ
HSN	△	HTS-MX
HSN	△	HTS-RU
HSN	△	HTS-HK
HSN	△	HTS-CN

# Integration with Global Trade Management (GTM)

## ■ Customs Info Feed

**ORACLE** Help

Batch Process 1 of 1 [New](#) [Finished](#)

---

**Batch Process**

\* **Batch Process ID**  
GTM CUSTOMS INFO FEED

\* **Domain Name**  
BCI

**Enabled**  
☒

**Description**  
GTM CUSTOMS INFO FEED

☐ **Batch Processes**

* Sequence	Process Control Menu	* Process Action ID	* Process Parameters	Enabled	Save
1	Trade Master/Data Load/Retrieve Vendor Content Data	GTM Retrieve Vendor Content Data	-role ADMIN -gtmContentSourceGid {CUSTOMS INFO} -user BCI	<input type="checkbox"/>	<a href="#">Save</a>
2	Business Process Automation/Data Query	Data Query	-sendSummaryOnly true -queryType {GTM DATA VERSION} -subject {GTM CUSTOMS INFO FAILURE \$GID} -savedCondition {BCI.GTM CUSTOMS INFO FAILURE} -notify BCI -role ADMIN -createNewProcess false -user BCI -sendOnNoData false	<input type="checkbox"/>	<a href="#">Save</a>

## ■ GTM Data Load

GTM Data Load Total Found: 18 [View](#) [Delete](#) Replace Current Window

---

Pages 1 | Selected Page: 0 Total: 0

ID	Data Load ID	Data Load Type ID	Data Version ID	Load Type	Status
<a href="#">1010</a>	1010	HTS-EU_CI	57	F	PROCESSED
<a href="#">1249</a>	1249	HTS-EU_CI	141	F	PROCESSED
<a href="#">1271</a>	1271	HTS-EU_CI	142	F	PROCESSED
<a href="#">1492</a>	1492	HTS-EU_CI	167	F	PROCESSED
<a href="#">1558</a>	1558	HTS-EU_CI	188	F	PROCESSED
<a href="#">293</a>	293	HTS-EU_CI		F	
<a href="#">33</a>	33	HTS-EU_CI		F	
<a href="#">351</a>	351	HTS-EU_CI		F	
<a href="#">410</a>	410	HTS-EU_CI		F	
<a href="#">42</a>	42	HTS-EU_CI	22	F	PROCESSED
<a href="#">469</a>	469	HTS-EU_CI		F	





# 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



# Acknowledgements

- Carl Sandvik – Solution Design. Presentation and White Paper Review
- James Shaughnessy – Presentation and White Paper review
- Lorna Gatti – Solution Design. Presentation and White Paper review
- Aruna Nayak – GTM overview



# References

- **CUARTA SECCION SECRETARIA DE HACIENDA Y CREDITO PUBLICO**
  - Resolución Miscelánea Fiscal para 2008 (Continúa en la Quinta Sección)



# Thank You!

**Himavan Kallem**

**Email:** [hkallem@ztbconsulting.com](mailto:hkallem@ztbconsulting.com)

**Website:** [www.ztbconsulting.com](http://www.ztbconsulting.com)

**Phone:** 949-639-9696

**Carl Sandvik**

**Email:** [cesandvik@beckman.com](mailto:cesandvik@beckman.com)

**Phone:** 714-961-6766



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