

Solving Customs Tracking Requirements outside the United States

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Abstract:

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.

This case study will present a comprehensive solution designed, implemented and integrated with Oracle EBS for a global company. Additionally, the potential to leverage capabilities of Oracle's new Global Trade Management (GTM) tool will be discussed.

Overview:

Companies in various countries have requirements to track the Customs Clearance document number, with additional information, provided by individual Country Customs. 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 Revenue Service, (IRS), 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 IRS.

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

Countries that that will require capture and tracking of Import details are,

- Mexico (Pedimento Number)
- Russia
- Brazil
- Turkey
- India
- Italy

Regulatory and Financial requirements of the IRS and companies include:

1. Report Foreign Entry Code detail at the item level on the Customer Facing Sales Order Invoice
2. Report consumption of imported goods via direct sale to customer or non-direct sale
 - a. Sale: direct sale of item to customer, item invoiced directly to customer
 - b. Non-direct Sale: Consumption via Service contract repair, use in installation, use in remanufacturing/repair, inventory adjustments, etc..
3. Report Balance on Hand, (BOH), of items and associated (non consumed), Foreign Entry Code
4. Retain Foreign Entry Code Data for fulfillment of audit reporting/requirements, (Data Warehouse)

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. The Foreign Entry Code Number must be printed on the Customer Invoice, with the Foreign Entry Code Number printed for each shippable and billable Item.

For 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

For Russia:

Import number consists of a single number, which needs to be tracked from the receipt of goods, until its shipment and invoicing.

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 (/)

Basic Business Needs:

The purpose of the Foreign Entry Code Number is a government issued Customs Number that needs to be tracked across the organization and every business transaction against an Item should track the Foreign Entry Code Number that it was received against.

Entities in specific countries have the following basic business needs;

1. Receipt Transaction: All Items that are received in the Inventory Organization must be recorded against the specific Foreign Entry Code Number assigned to that “shipment” or import of goods along with the Date of Clearance from the Customs. This may be one Foreign Entry Code for multiple item numbers.
2. Communication of Foreign Entry Code: The Foreign Entry Number along with the Date of Clearance from Customs, the Port of Entry, and according to the country the Broker Code and Page Number (Russia), Mexico Invoice require (the Port of Entry, Date of Entry, Broker Code and Pedimento#) must be printed on all customer facing billing documents, (customer invoice), which have the shippable items. If the same item number is being consumed, from multiple Foreign Entry Code’s, print at line level the quantity consumed by Foreign Entry Code number. The Invoice Print Program should print the import Document number, Date of Clearance from customs, the Port of Entry and according to the country, the broker code and page numbers.
3. Foreign Entry Code Inventory Detail: All item inquiries should show the Foreign Entry Code Number that it was received against.
4. Query Inventory by Foreign Entry Code: Foreign Entry Code Number Inquiry should query all the Items (Lot Controlled, Serial, and Std FG) that have the Foreign Entry Code assigned.
5. The Foreign Entry Code Number must be tracked across the Inventory Organizations until consumed. This includes transfers from Finished Goods to Service Engineers, (and potentially back to Finished Goods). All the Inventory Transactions must carry the Foreign Entry Code Number. Shipment from entities (tracking of Foreign Entry number is required) to the US or other country would be considered consumption of the goods and end Foreign Entry Code tracking until re-entry to Subsidiaries.
6. Tracking Foreign Entry Code: Basic rules for tracking Foreign Entry Code
 - a) Serial Controlled at receipt: 1:1 tracking of Foreign Entry Code to Serial Number
 - b) Lot Controlled: Track Lot Number to Foreign Entry Code at receipt and then consume FIFO, based on requirements per country, First Expired. First out based on receipt transaction date and Foreign Entry Code.
 - c) Non-Lot Controlled & Serial Control at Shipment: Track Foreign Entry Code at receipt and then consume FIFO, First In, First Out based on receipt transaction date and balance on hand of Foreign Entry Code.
7. Foreign Entry Code Reporting:
 - a) **Customer Facing Document**, (mentioned above)
 - b) **Foreign Entry Code History**: Report of Foreign Entry Code history for a given time period of transactions: Include Item, Lot/SN, Foreign Entry Code, Entry Date (date, time, seconds), Qty, status (Inventory BOH or “consumed”), Sort and format TBD
 - c) Foreign Entry Code On Hand Report: (subset of history), Report of current inventory Balances on Hand by Item and Foreign Entry Code: Include Item, Lot/SN, Foreign Entry Code, Entry Date (date, time, seconds), Qty. Sort and format TBD
8. Capture of the VAT (duty rates) at the time of import by item, (VAT rates vary depending on the product). Required for Russia only.
9. Local purchase containing imported goods need also to be tracked by import number. (Russia). This is not required for Mexico. Mexico enters a specific code that implies that the product is Locally Purchased.

Solution Design:

Mexico: The Foreign Entry Code Number structure is a set at maximum of 30 characters.

The Customer Facing documents (AR Invoice) will retrieve the Foreign Entry Number, date of Entry and the Port of Entry (and the Broker Code or Page Number according to the country) or any other country required fields from the Custom Foreign Entry tables.

Custom Extension to capture and track the import details of the items based on the following approach

- 1) Define DFF segments at the Organization parameter form and trigger the extension logic to work when the value of the DFF is set to “YES” at each individual Inventory Organization level. The default value of the DFF will be null or No.(meaning this extension should not be triggered)
- 2) Create DFF segments at the Receipts Form – Header level to capture the import details. (The segments that are required to capture details, needs to be frozen based on all the requirements of all the countries). Sample screen shot is given below.
 - a. The capture of details will be for the following inventory process,
 - Receipt (All Receipts)
 - Miscellaneous receipt (This form should also have a DFF to capture these details)
 - b. The user needs to enter the Receipt Header DFF for all receipts made into the inventory.
 - c. The Header DFF is mandatory for inventory Organizations having the requirement (org parameter – DFF=Yes)
- 3) Create a New Foreign Entry Table: The extension is triggered, when the user enters the receipt Header DFF and on SAVING the Receipt, the trigger should populate of the new table (similar to the receiving transaction processor – processing the transaction to the MTL tables through inventory interfaces) with details of the Header DFF to flow into each line of the receipt saved.

Create the Foreign Entry Table similar to the MTL Table. This table will be updated every time an inventory transaction is processed via the triggers.

The inventory transactions that will trigger the Foreign Entry Table are:

 - Receipts into Stores,
 - Issues out of Stores
 - Subinventory Transfers.
 - Inter-Org Transfers.
 - Move Orders
 - Debriefs
- 4) Create a new form View Foreign Entry Transactions for users to find information, same as View Material Transactions form, which will include the Foreign Entry Number, Date, Qty, Status, etc (below).
- 5) Use triggers for any inventory transactions to update and retrieve the Foreign Entry information from this New Foreign Entry Table.

RUSSIA: Foreign Entry Code Number to include the whole 30 characters, but separated by /, to avoid data entry mistakes.

It is expected that the Foreign Entry Code Number is entered at receipt header level, for the first repeating characters, allowing only the last three characters (page number) to be entered at line level.

- The Foreign Entry Code Number must be broken by Foreign Entry Code Number and Qty and must be printed by Qty.
- The Foreign Entry Code Number on the AR Invoices is printed for all Shipped Items.
- The Foreign Entry Code Number should be listed under each Item and the Foreign Entry Code Number should be delineated by the Foreign Entry Code Number and Qty.
- The Foreign Entry Code Number for all Billing Invoice will not have a Foreign Entry Code Number to Retrieve.
- The BOM Items (Sales Groups) components should have a Foreign Entry Code Number Printed for each component by Qty.

Customer Facing Document:

The Foreign Entry Number, Date, Port of Entry and page number must be printed on all the Invoices that are sent to the Customer: On the Sales invoices, and on Service invoices containing Shippable Items. The Foreign Entry Number, Date, Port of Entry and page number should be retrieved from the Foreign Entry Table for Issue Transactions whenever required.

- The Foreign Entry Code Number must be printed at item level, by Qty.
- The Foreign Entry Code Number on the AR Invoices is printed for all Shipped Items.
- The Foreign Entry Code Number should be listed in the specific cell of the invoice, at item line level. Should an item with multiple quantities be invoiced, which relate to more than one Foreign Entry Code Number, there will be as many lines of item invoiced printed as there are different Foreign Entry Code Numbers.
- The Foreign Entry Code Number for all Billing Invoice will not have a Foreign Entry Code Number to Retrieve.
- The BOM Items and its components should have a Foreign Entry Code Number printed for each component by quantity.

List of all the Customer Facing Documents that should contain the Foreign Entry Code Number

- **Sales Invoices**
- **Service Invoices**
- **Commercial Invoice**

Business Rule:

- IRS requires reporting of Foreign Entry Code for Tax compliance/Tax recovery for imported goods
- IRS requires Foreign Entry Code to be listed on Customer Invoices
- Subsidiaries Customs requires reporting of imported goods, (proof of Duty paid), via Foreign Entry Code, at time of request, (Audit).

Solution Setup Details:

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

Type: BCI_FOREIGN_ITEM_IMPORT_ORGS

Manufacturing Lookups

Type: **BCI_FOREIGN_ITEM_IMPORT_ORGS**

Meaning: **BCI_FOREIGN_ITEM_IMPORT_ORGS**

Application: **Inventory**

Description:

Access Level:

☐ User

☐ Extensible

☐ System

Code	Meaning	Description	Tag	Effective Dates		Enabled
				From	To	
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"/>
						<input type="checkbox"/>

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 Er**

Application: **BCI Order Management**

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

Access Level:

☐ User

☐ Extensible

☐ System

Code	Meaning	Description	Tag	Effective Dates		Enabled
				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"/>

Custom Triggers were created on the Material Transactions Table to trigger any transactions occurring in the Orgs listed in the Lookup Table.

Each time a transaction was recorded, the triggers would fetch the required information and load it into the custom foreign entry table.

Foreign Entry Table:

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

Foreign Entry Transactions Table:

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

Foreign Entry Lot Number Table:

Lot Number	Expiration Date	Quantity

Foreign Entry Serial Number Table:

Serial Numbers

DFF Setups:

RCV_SHIPMENT_HEADERS

Descriptive Flexfield Segments

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"/>

Compile **Segments**

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"/>

Descriptive Flexfield Segments

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"/>

Segments Summary (RCV_SHIPMENT_HEADERS) - RCVRCERC-FE-TRUE

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"/>

RCV_SHIPMENT_LINES

Descriptive Flexfield Segments

Application **Purchasing** Title **RCV_SHIPMENT_LINES**

☒ Freeze Flexfield Definition Segment Separator **Period (.)**

Context Field

Prompt **Context Value**

Value Set

Default Value

Reference Field

☐ 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"/>

Compile **Segments**

Receipts Screen with the Foreign Entry DFFs for data entry:

The receipt line DFF segments are populated automatically from the Receipt header DFF information for each line.

Sample Transactions:

PO Receipts:

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

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File Edit View Folder Tools Inquire Actions Window Help

Purchase Orders (Mexico OU) - 658

PO, Rev: 658 0 Type: Standard Purchase Order Created: 28-DEC-2010 18:37:04

Supplier: ACCESORIOS PARA LABORA Site: MEXICO Contact:

Ship-To: MXF-MEXICO CITY-SHIP Bill-To: MXF-MEXICO CITY-BILL Currency: MXN

Buyer: KALLEM, Mr. HIMAVAN Status: Approved Total: 233,835.00

Description:

Lines Price Reference Reference Documents More Agreement

Num	Type	Item	Rev	Category	Description	UOM	Quantity	Price	Promised
1	GOODS	443350		9999.9999.00	CX3/7 BUN REAGENT	EACH	10	1000	
2	GOODS	335649		9999.9999.00	SW-60TI ROTOR AY.	EACH	9	989	
3	GOODS	101091		9999.9999.00	61-010109-1, SEAL, V	EACH	10	1000	
4	GOODS	13044		9999.9999.00	Hemoglobin A1C-TUI	EACH	19	10786	

Item: 443350 CX3/7 BUN REAGENT 500 ML

Catalog... Currency... Terms Shipments Approve...

Receipts Screen Header:

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

The screenshot displays the Oracle Applications interface for the Receipts (MXF) screen. The main window is titled "Receipts (MXF)" and contains a "Receipt Header (MXF)" sub-window. The sub-window has two tabs: "New Receipt" (selected) and "Add To Receipt". The "New Receipt" tab shows fields for Receipt, Shipment, Packing Slip, Freight Carrier, Containers, Supplier (ACCESORIOS PARA LABORA), and Comments. The "Add To Receipt" tab shows fields for Receipt Date (28-DEC-2010 18:37), Shipped Date, Waybill/Airbill, Bill of Lading, and Received By (KALLEM, Mr. HIMAVAN). Below the sub-window, the main window displays fields for Order Type (Standard), Order (658), Supplier (ACCESORIOS PARA LABORATORIOS), Due Date (28-DEC-2010 00:00), Item Description (RCV_SHIPMENT_HEADERS), Destination, Header Receiver Note, and Shipment Receiver Note. At the bottom, there are buttons for OK, Cancel, Clear, and Help.

Field	Value
Receipt	
Shipment	
Packing Slip	
Freight Carrier	
Containers	
Supplier	ACCESORIOS PARA LABORA
Comments	
Receipt Date	28-DEC-2010 18:37
Shipped Date	
Waybill/Airbill	
Bill of Lading	
Received By	KALLEM, Mr. HIMAVAN
Order Type	Standard
Order	658
Supplier	ACCESORIOS PARA LABORATORIOS
Due Date	28-DEC-2010 00:00
Item Description	RCV_SHIPMENT_HEADERS
Destination	
Header Receiver Note	
Shipment Receiver Note	
Foreign Entry Number	10/16/4757/4758754/4848
Foreign Entry Date	10-OCT-2010

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File Edit View Folder Tools Actions Window Help

Receipts (MXF)

Lines Details Currency Order Information Outside Services Shipment Information

Quantity	UOM	Destination Type	Item	Rev	Description	Location
10	EACH	Inventory	443350		CX3/7 BUN REAGI	10
9	EACH	Inventory	335649		SW-60TI ROTOR A	10
10	EACH	Inventory	101091		61-010109-1, SEAL	10
19	EACH	Inventory	13044		Hemoglobin A1C-	10

Order Type: Standard Order: 658

Supplier: ACCESORIOS PARA LABORATORIOS Due Date: 28-DEC-2010 00:00

Item Description: Hemoglobin A1C-TURBI (HbA1C-TURE Hazard:

Destination: --LOAD FG-- UN Number:

Header Receiver Note: Routing: Direct Delivery

Shipment Receiver Note:

Lot - Serial Cascade Express Header

Upon successful receipt of the items into the Inventory Org, the data entry into the Foreign Entry table is triggered.

Custom Foreign Entry Tables:

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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.

The Foreign Entry Transactions form shows the transactions that created the on-hand details

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	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 Name	Sales Order Number	Purchase Order Number	Delivery Number
424989296	10/16/4757/4758754/4848	10	PO Receipt		658	

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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	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 Name	Sales Order Number	Purchase Order Number	Delivery Number
424989300	10/16/4757/4758754/4848	19	PO Receipt		658	

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

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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	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				JAR-2010	7
MXF	1010				JAR-2010	1
MXF	4433				EC-2010	9

BCI Foreign Entry Number - Lot Numbers

Lot Details

Lot Number	Expiration Date	Quantity
SDN019		19

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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	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 Name	Sales Order Number	Purchase Order Number	Delivery Number
424989292	10/16/4757/4758754/4848	9	PO Receipt		658	

For serial controlled items the Serial Numbers are displayed in the Foreign Entry Serial Number table for each individual item

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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	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 - Serial Numbers

Foreign Entry Number	Foreign Entry Date	Quantity
10/16/4757/4758754/4848	10-OCT-2010	10
16/4748/7464646/9745	01-JAN-2009	1
24/2848/4848484/2889	12-DEC-2010	2
24/2848/4848484/2889	12-DEC-2010	1
24/2398/6469222/9876	02-MAR-2010	7
24/2398/6469222/9876	02-MAR-2010	1
24/2234/2342242/2342	12-DEC-2010	9

Serial Numbers

Serial Number
CES239
CES240
CES241
CES242
CES243
CES244
CES245
CES246
CES247

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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	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 Name	Sales Order Number	Purchase Order Number	Delivery Number
424989288	10/16/4757/4758754/4848	10	PO Receipt		658	

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

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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	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	BCI Foreign Entry Number - Lot Numbers				AN-2009
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

Lot Details		
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.

Item	Rev	Subinventory	Locator	Lot	Expires On	UOM	Quantity	Un
443355		LOAD FG		HK28488	12-DEC-2012	EA	10	...

Transaction history

Cogs Split Flag

Account Corrections Flag

Reversal GL Date

Extract to CARES Complete

Foreign Entry Number **10/24/2342/2448848/2848**

Foreign Entry Date **12-DEC-2010**

OK Cancel Clear Help

On-hand **0**

Custom Foreign Entry Tables:

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

BCI Foreign Entry Number	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			

Lot#, Lot Expiry Date and Quantity are displayed.

BCI Foreign Entry Number	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

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

Subinventory Transfers:

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

Lot Expiry Items:

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

Custom Foreign Entry Tables:

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

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			

The Lot Details form shows the Lot Number information along with the expiry dates for the items that were transferred.

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	Quar-Net		10/24/2342/2448848/2848	12-DEC-2010	10	
MXF	443355	LOAD FG		10/24/2342/2448848/2848	12-DEC-2010	0	
MXF	443	BCI Foreign Entry Number - Lot Numbers				MAR-2010	10
MXF	443					OCT-2010	1
MXF	443					DEC-2010	10

Lot Details

Lot Number	Expiration Date	Quantity
HK28488	12-DEC-2012	0

Customer Facing Documents:

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.

 <p>BECKMAN COULTER 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: 9163-2800 FAX: 5688-7537 CED. DE EMP. 1429722 REG CANACINTRA 1353 PADRON DE PROV. DEL GOB. FED. No. 31-719 SPP. 80989541803</p>		 <p>10026506 FOLIO SAT: 1C85C5EE-D88A-47F9-9DB6-40E42E067774 FECHA TIMBRE: 08-01-2011 09:12:46</p>	
CLIENTE: 107940 LABORATORIO MEDICO POLANCO, S.A. DE C.V. CALLE ALVARO ABREGON No. 121 PISO 5CO. ROMA NORTE DELEGACION CUAHUTEM MEXICO DF, C.P. 06700 MX RFC: LMP771017AM6		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		REF. 71037772 FECHA: 07/01/2011 17:40:00 Certificado: 00001000000102443022 Certificado SAT: 00001000000102508049	

PARTIDA	CANT.	PORTE NUMERO	DESCRIPCION	CANT. ORDEN	CANT. PEND.	PRECIO UNITARIO	IMPORTE
1	1	A10828	ACCESS DHEA-S 2X50 DET.	26	25	1144	1144
1	1	EA					
		Lote: 13004	Fecha caducidad: 31-05-2011				
		Número de pedimento: 3349/0006972	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: 30-08-2012				
		Número de pedimento: 3349/0006972	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: 30-08-2011				
		Número de pedimento: 3349/0006972	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: 30-08-2011				
		Número de pedimento: 3349/0006972	Fecha de pedimento: 22/10/2010	Aduana:	CD DE MEXICO		
T.C. DOF \$							
T.C. FACTURA \$							
SUB TOTAL:							37,661.00
IVA:						16 %	6,025.76
TOTAL:							43,686.76
CUARENTA Y TRES MIL SEISCIENTOS OCHENTA Y SEIS PESOS 76/100 MXN							

ESTE DOCUMENTO ES UNA IMPRESIÓN DE UN COMPROBANTE FISCAL DIGITAL POR INTERNET

Integration with Global Trade Management (GTM):

In our current solution the Foreign Entry code is entered manually at the time of receipt. 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.

Oracle Logistics Version 6.3.1

Message Center 0/0 | Welcome B | Role BCLBCI OTM 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

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 checked="" type="checkbox"/> CUSTOMS INFO	CUSTOMS INFO	CUSTOMS INFO	PUBLIC

New Query Refine Query Export Saved Query: Execute Query

Oracle Logistics Version 6.3.1

Message Center 0/0 | Welcome BC | Role BCLBCI OTM

Information | Business Monitor

Trade Transaction

Event Diagnostics

GTM Party - Support

Trade Compliance Management

Trade Master Data

Trade Item Management

Party Management

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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

Oracle Logistics Version 6.3.1

Message Center 0/0 | Welcome BC | Role BCLBCI OTM

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

Batch Process 1 of 1 New Finished

Batch Process

Batch Process ID	Domain Name	Enabled
GTM CUSTOMS INFO FEED	BCI	<input checked="" type="checkbox"/>

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 BCLBCI	<input checked="" type="checkbox"/>	
2	Business Process Automation/Data Query	Data Query	-sendSummaryOnly true -queryType {GTM DATA VERSION} -subject {GTM CUSTOMS INFO FAILURE \$GID} -savedCondition {BCLBCI.GTM CUSTOMS INFO FAILURE} -notify BCLBCI -role ADMIN -createNewProcess false -user BCLBCI -sendOnNoData false	<input checked="" type="checkbox"/>	

Pages 1 | Selected Page: 0 Total: 0

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

Beckman Coulter, Inc. is currently working with the Oracle GTM team on integrating the Foreign Code requirements for interfacing into Oracle. This would potentially eliminate user issues with the Foreign Entry data input at the time of receipt.

Conclusion:

With the Custom Solution that was developed for Beckman Coulter, Inc. All requirements for Mexico and Russia were met. The custom development helped Beckman Coulter, Inc. track the foreign entry number across the inventory orgs and helped report the data accurately insuring compliance with local customs regulations.

Appendix

Regulatory Specifics, (Mexico Regulatory, portion translated to English)

29-A- RECEIPT REQUIREMENTS

The receipts, to which the article 29 of this Code refers to, in addition to the requirements set forth therein, shall correspond to the following:

CFF 29, 29-II, III, IV, V and VI **RCFF** 37, 38 and 40 **RISR** 161 and 189 **RM 2007/2008** 2.4.3., 2.4.4., 2.4.5, 2.4.6., 2.4.7., 2.4.13., 2.4.15., 2.4.16., 2.4.17., 2.4.18., 2.4.20., 2.4.22., 2.4.25, 2.4.27., 2.4.28., 2.5.1., 2.5.5., 2.5.3., 2.5.4., 2.24.20., 2.24.39. and 3.14.4. **SAT REGULATORY CRITERIA** 10/2004/CFF and 134/2004/CFF **Resolutions CFF** **RCE 2007/2008** 1.1.1. and 2.12.20. **Practical Points** Nr. 48 page 2, Nr. 58 page 21, Nr. 71 page 20, Nr. 92 page 16, Nr. 93 page 15, Nr. 94 page 15, Nr. 96 page 14 and Nr. 98 page 25

I. To have printed the name, denomination or firm name, domicile for tax purposes, and contributor's federal registry code of the issuer. In case of contributors having more several premises or establishments, those shall contain the address of the premises or establishment issuing the receipts.

CFF 10 and 27 **RM 2007/2008** 2.4.12. **Resolutions CFF**

II. To have printed the folio number.
RM 2007/2008 2.4.18. and 2.4.19-II

III. Issuing place and date.
RM 2007/2008 2.4.26.

IV. Contributor's federal registry code of the person in favor of who is issued.

V. Quantity and type of merchandise or description of services covered.
RM 2007/2008 2.4.10. and 2.4.15. **Resolutions CFF**

VI. Unit value written in numbers and total amount described in numbers and letters, as well as the tax amount that shall be transferred in the terms of the tax regulations, detailed by tax rate, if applicable.
LIVA 32-III **LIESPYS** 19-II **RM 2007/2008** 2.4.15., 2.4.22. and 2.4.25. **Resolutions CFF Fine Points** Nr. 124 page 46

VII. Customs document's number and date, as well as the customs office in charge of the importing, in case of first hand sales of imported merchandise.

RM 2007/2008 2.4.7. **REC 2007/2008** 1.1.2. and 2.12.20. **Resolutions CFF**

VIII. Printing date and authorized printer identification data.
RM 2007/2008 2.4.7., 2.4.19., and 2.4.24.

IX. In case of receipts covering cattle selling, the reproduction of the branding iron of such cattle provided that is the one that shall be branded.

Administrative Facilities 2007/2008 Chapter 1 and 1.3.

RECEIPTS TERM OF USE

Receipts approved by the Tax Management Service shall be used for the contributor, in a maximum term of two years; this term may be extended when the requirements set forth by the tax authority are covered

according to the general regulations issued for such purposes. The validity date shall be printed in each receipt. The receipt will be no longer valid for deductions or credits considered in the tax Law once such term has expired.

CFF DT 1998-2-VIII RM 2007/2008 2.4.19. and 5 Tr July 2007

GENERAL PUBLIC OPERATIONS

Contributors making operations with general public shall issue simplified receipts in the terms set forth in the Regulations of this Code with respect to such operations. Such contributors will be exempt from these obligations when the general public operations are made with electronic purse which shall comply with control requirements established by the Tax Management Service for such effects by means of general rules.

RCFF 37 RM 2007/2008 2.4.14., 2.4.15., 2.4.23. and 2.4.25. Resolutions CFF