

Automated Commercial Environment Overview and Status Update

Entry Summary Accounts & Revenue
Sea and Rail Manifest
Future Cargo Release
Air Manifest



U.S. Customs and

April 2011

Program Successes

New ACE Secure Data Portal Features

Electronic Truck Manifest Data

Periodic Monthly Statement

Enhanced ACE Reports

ITDS Access to ACE

ACE Initial Entry Summary Types 01 & 11

Anti-dumping Countervailing Duty Entry Summaries Type 03

Efficient Communications between Trade and Government



International Trade Data System



48 International Trade Data System Participating Government Agencies (PGAs), including:

- Animal and Plant Health Inspection Service
- U.S. Coast Guard
- Census Bureau

More than 550 ACE portal end users from 27 PGAs

- Import and Export missions include security, admissibility, and statistics
- PGAs are helping formulate the requirements for the future of cargo release



ACE 2010 Release Highlights

- February, 2010
 - CBP successfully deployed enhanced EDI and Portal capabilities within the Entry Summary, Accounts and Revenue Release (ESAR) specific to the filing of AD/CVD entry summaries and Case Management.
- October, 2010
 - CBP successfully deployed enhanced EDI and Portal capabilities within the ESAR Release specific to the revised ACE Entry Summary Query and additional information in the Entry Summary Status Notification.

Other ACE 2010 Highlights

August, 2010

- The number of rows allowed in an Authorized Data Extract was increased to 2,000,000
- CBP began conducting a series of ACE Outreach Webinars for the trade community

October, 2010

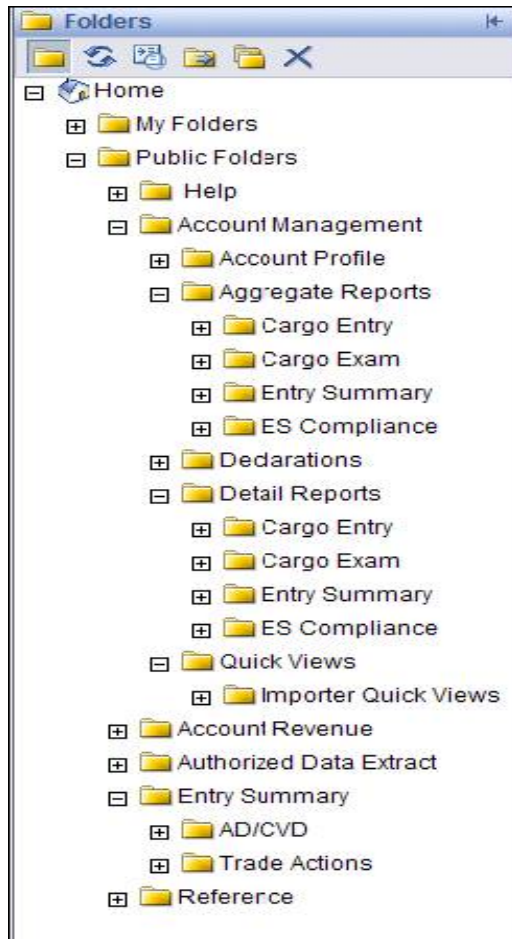
- Successfully conducted a demonstration of the submission of an imaged document by trade and viewing by PGA and CBP users at the Import Safety Conference
- CBP hosted its first Webcast for the trade, “ACE for the General Public”

November, 2010

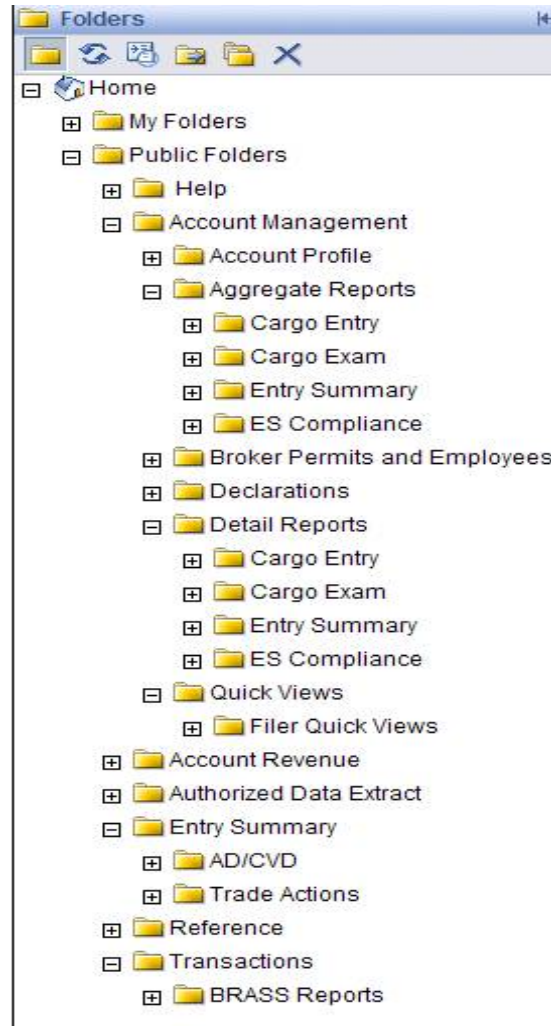
- Use of Periodic Monthly Statement reached 61 percent of all duties and fees on eligible entry summaries

ACE Report Categories

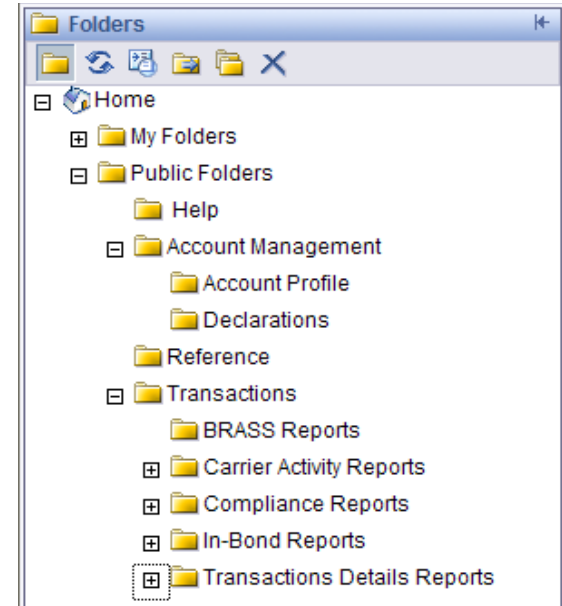
Importer



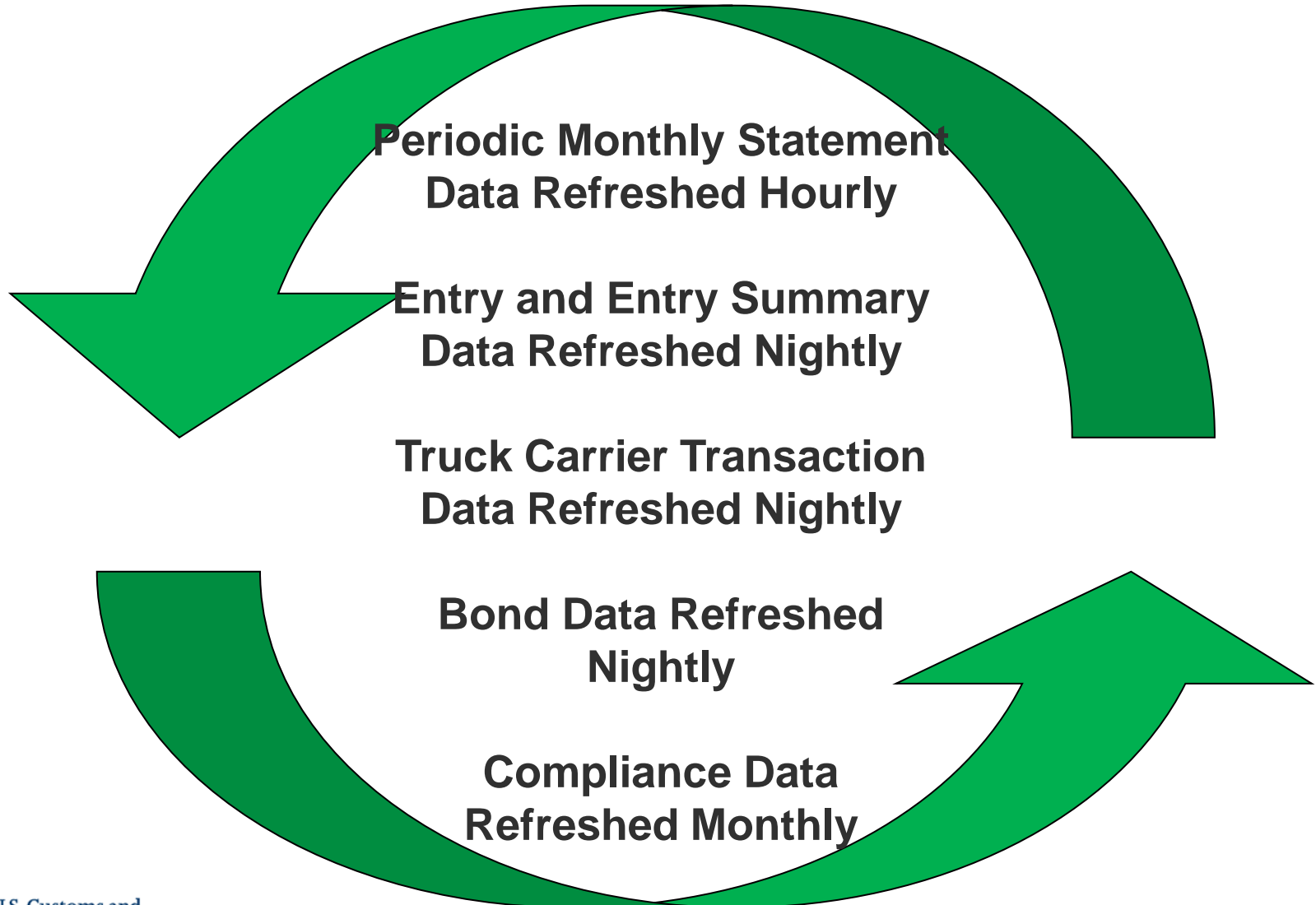
Broker



Truck Carrier



ACE Reports Data Refresh



Key ACE Reports



Filer or Importer Quick Views

- Number of Entries and Values
- Top 5 HTS Numbers
- Top 5 Ports
- Top 5 Customers (IR Numbers)

Entry Summary Aggregate and Detail Reports

CBP Form 28, 29, 4647 Status Report

Periodic Monthly Statement Reports

- Sub-Ledger Report
- Periodic Statement Quick View – Broker
- Periodic Statement Quick View – Importer

Crossings by Drivers Report



Entry Summary Accounts and Revenue Functionality

ACE Entry Summary Functionality

ACE Entry Summary Processing

For entry types 01, 03 and 11

CBP Forms

Respond to CBP Forms 28, 29, and 4647 through the ACE portal for all entry summaries

Processing for Post Entry Summary Documents Required

Respond through the portal to a post summary request for documents for an ACE entry summary

ACE Entry Summary Functionality

Blanket Declarations

Post blanket declaration records through the ACE portal for CBP to view nationwide

Census Warning Processing

Electronically correct Census warnings through the submission of an override code for ACE entry summaries prior to or after receiving a Census warning message through ABI

AD/CVD Cases and Messages

Search, display and print AD/CVD cases and messages

CBP Forms 28, 29 and 4647

CBP Forms 28 (Request for Information), 29 (Notice of Action) and 4647 (Notice to Mark and/or Notice to Redeliver) are created by CBP and posted to the Trade's Task List

CBP can use U.S Postal Service "snail mail" and post to Trade's ACE Portal

Trade Portal Users can interactively respond to the form and attach/upload documents in response to CBP via the Portal

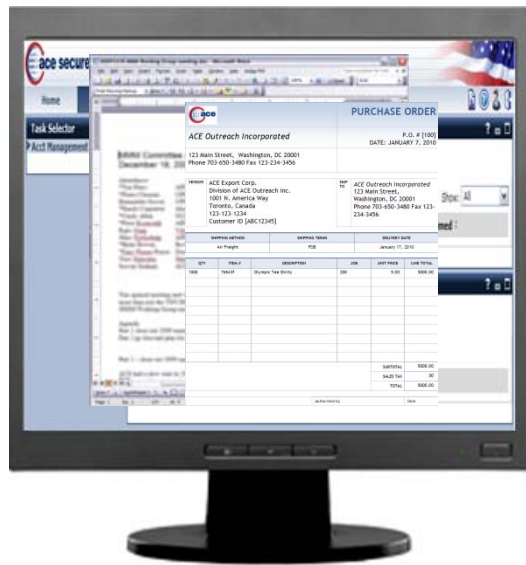
Trade Portal Users can select their preferred Method of Communication via the ACE Portal, the U.S. Postal Service or both

The image shows a scan of a CBP Form 28, 'Request for Information'. The form is titled 'DEPARTMENT OF HOMELAND SECURITY U.S. Customs and Border Protection REQUEST FOR INFORMATION' and includes fields for 'To: Director of Merchandising', 'From: [redacted]', 'Subject: [redacted]', and 'Requester: [redacted]'. It also contains sections for 'Requester Information', 'Request Description', and 'Comments'. The form is partially filled out with blue text and checkboxes.

Sending Documents Via the ACE Portal

Filer receives request for Post Summary documents via ABI which includes an “Action Number”

Filer responds via the ACE Portal by attaching an electronic version of the document requested



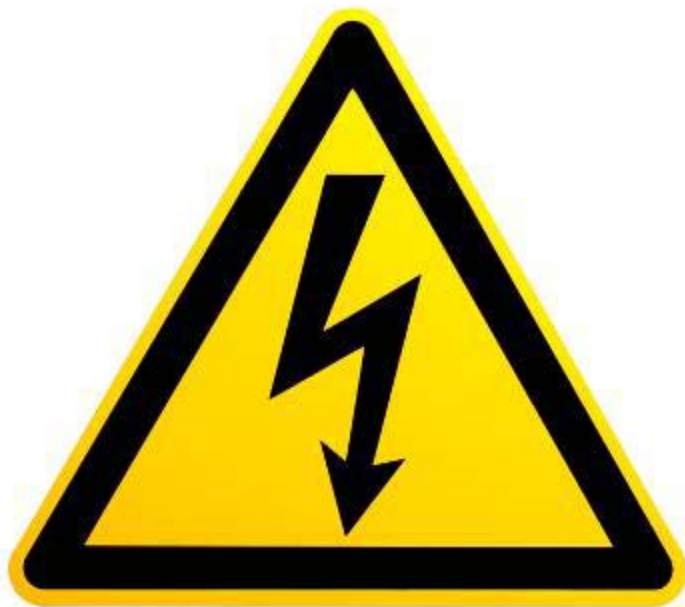
Preferred formats include:

CSV	Comma Separated File
DOC	Microsoft Word Application
GIF	Graphics Interchange
Format	
JPG	Joint Photographic Group
PDF	Portable Document Format
PPT	Microsoft PowerPoint
TIF	Tag Image File Format
TXT	Text Format
XLS	Microsoft Excel

Census Warning Processing

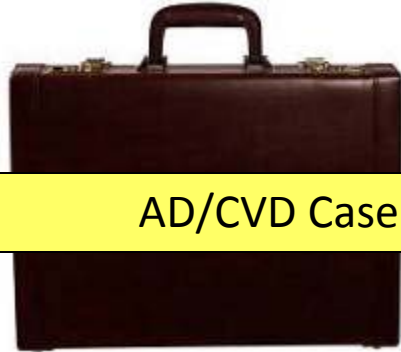
Correct Census Warnings electronically on ACE entry summaries (types 01, 03 or 11) through the transmission of an override code.

Example scenarios are:



- If you know that a Census warning will be generated for the entry summary/line item, you will be able to do a preemptive Census override when filing the entry summary.
- If you receive a Census warning due to an error in reporting, you will be able to fix the entry summary/line item and then report the Census override code if needed.
- If you file the entry summary and receive a Census warning but you know the data is correct, you will be able to send the Census override code.

AD/CVD Case Management



AD/CVD Case

A2.3.1.a
February, 2010



AD/CVD Messages

- Available via ACE Portal and ABI
- Search, display and print via the Portal
- New ABI AD/CVD Case Query
- Expansion of data contained within the case
 - Reference to associated AD/CVD messages
 - Expanded Event Lifecycle Log
 - Inclusion of specific duty rates
 - Entry Summary Suspension
 - Administrative Review Periods
 - Parties affected by the AD/CVD Case
 - Official Case Name Detailed
- Available via CBP.gov website
- Search, display and print via the Portal
- Expansion of the data within the messages
- Expanded message types and categories will more accurately reflect the action taken
- Messages available on the Portal
- Company details

Highlight of ESAR 2011 Functionality



Post Summary Corrections

Will allow a filer to make corrections prior to liquidation on ACE entry summary data presented to and accepted by CBP

Roll out of the Document Image System

Will provide the capability for trade participants to submit documents electronically for review by CBP and PGAs



Importer Security Filing

Authorized trade users with ACE Portal accounts will have access to their Importer Security Filing information through the ACE Portal.

Post Summary Corrections

The Post Summary Correction (PSC) transaction will be a full replace of the existing ACE entry summary as a new version

It will be submitted for ACE entry summaries, types 01 and 03 only

It will replace the existing Post Entry Amendment (PEA) hardcopy process for ACE entry summaries

It will provide the ability for the trade to submit corrections to ACE entry summaries via Electronic Data Interchange (EDI)

PSCs will be processed through all existing validations including Census warnings

PSCs may be subject to team review

Post Summary Correction Terms

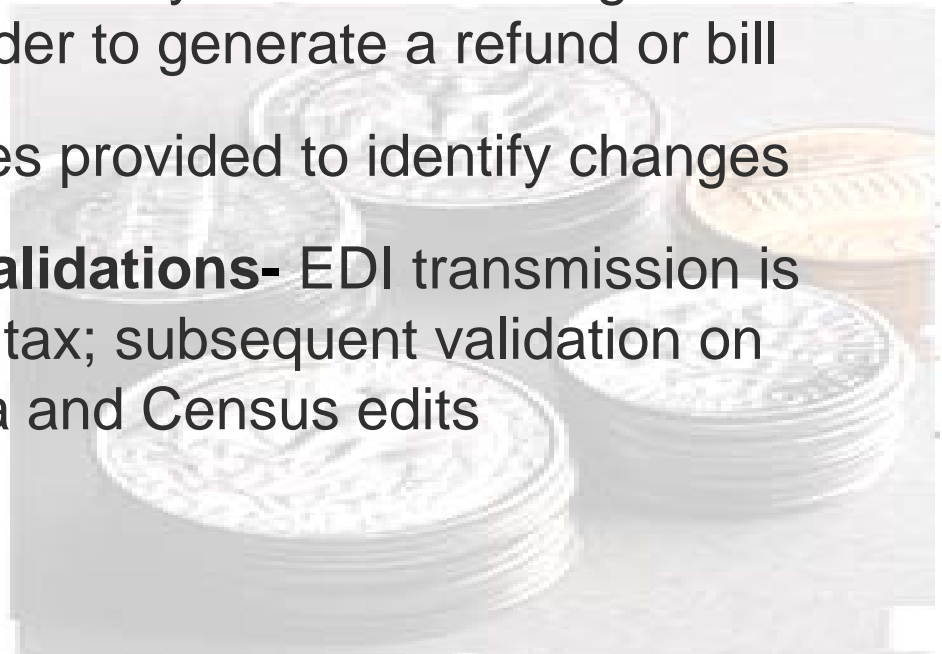
PSC Indicator – A new element of the ABI transmission

PSC Filer - Captures the filer of the PSC

Accelerated Liquidation Request Indicator: A request for CBP to liquidate the post-summary correction using the two week liquidation cycle in order to generate a refund or bill

PSC Reason Codes- Codes provided to identify changes

PSC Specific Edits and Validations- EDI transmission is first validated based on syntax; subsequent validation on entry summary header data and Census edits



Document Image System (DIS)

Capability to accept electronically imaged forms currently submitted on paper, eliminating need for filers to transmit paper import documentation to CBP

Submitted documents are:

- Electronically processed
- Securely stored by CBP
- Made available for review by CBP and PGAs

Future DIS - Facilitate single automated gateway to accept requested supporting documents from Trade to CBP and PGAs

Document Image System (DIS)

Current forms for initial DIS availability:

CBP	EPA	APHIS	NOAA
Commercial Invoice	TSCA Import Certification Form	APHIS Ingredients List	Fisheries Certificate of Origin (NOAA 370)
Packing List	EPA Pesticide Label	APHIS Animal Health Certificate	Toothfish Pre-Approval Form
Invoice Worksheet	EPA 3520-21 – Importation of Motor Vehicles and Engines Subject to Fed Air Pollution Regs (off road)		
Single Transaction Bond (Act Type 1)	EPA 3520-21 – Importation of Motor Vehicles and Engines Subject to Fed Air Pollution Regs (on road)		
ISF Bond (Act Type 16)	EPA 3540-1 – Notice of Arrival of Pesticides and Devices		
	Pre-approved Vehicle/Engine Exemption Letter		

ACE In Progress: Importer Security Filing Capabilities

Link from the ACE Portal to the Importer Security Filing (ISF) Portal

- ISF filing capability for very low volume filings
- Ability to search ISF information and request reports
- Targeted for Spring 2011 delivery

Future ACE Entry Summary Functionality



eBond

Remaining entry types

Reconciliation

Migration of liquidation, collections, protest from ACS

Report Capabilities



Future Shared Reports

- Share customized reports with any user in your portal account

Future Multi-Modal Manifest Reports

- This release of ACE Reports introduces 2 Hour Refresh reports for the first time as well as several new 24 Hour Refresh reports





Sea and Rail Manifest and Future Cargo Release

Highlight of Future CCR Releases



e-Manifest: Rail and Sea

Provides a common “Multi-Modal” database and shared cargo control software for sea and rail modes of transportation



Future Cargo Release

Modernizes cargo release functionality



e-Manifest: Air

Integrates air cargo processing into ACE Multi-Modal Manifest environment

E-Manifest: Rail and Sea

New Data Elements, Rules and Edits

- Unique Voyage Indicator can be reported in the original ocean manifest submission
- Place of receipt will become mandatory to report in addition to foreign port of lading
- Harmonized Tariff (HTS) numbers will be edited for validity to the sixth position
- Valid bonds will be edited when carriers request in-bond moves or Permits to Transfer (PTT)



e-Manifest: Rail and Sea

New Data Elements, Rules and Edits – *cont'd*

- Manifest unit of measure will be validated in both modes of transportation (currently only in rail)
- Hazardous Material Code Qualifier, Flashpoint Temperature, Flashpoint Temperature Unit of Measure and Negative Indicator will be edited for valid data
- Quantity field will be added to the Permit To Transfer (PTT) (TI/356) transaction set to allow a PTT to be optionally reported at less than full bill quantity
 - Will default to full bill quantity if no quantity is provided
 - Will match functionality available in FTZ today



e-Manifest: Rail and Sea



Enhanced Functionality and Improved Procedures

- Increases the number of possible Secondary Notify Parties to 25
- Extends the 'broker download' functionality into the sea cargo environment
- Removes a data element requiring identification of "The Paperless Manifest – Participant"
- Arrives all bills that are associated with a Vessel Stow Plan when the first carrier or CBP report the arrival of a vessel

e-Manifest: Rail and Sea

Enhanced Functionality and Improved Procedures

– *cont'd*

- Enables CBP Officers to place and remove holds at the conveyance, container, master bill as well as house bill level
- Informs carriers which PGA has held their merchandise and the reason for the hold
- Identifies un-manifested containers through vessel stowage plan
- Retires ACS vessel and rail manifest processing



e-Manifest: Rail and Sea

Enhancements for Sea & Rail Carriers

ACE Portal Features:

- Ability to create and maintain trade partner authorization to use custodial bonds
- Ability to create and maintain conveyance (vessel) information
- Ability to access the UN/LOC code reference file
- Ability to access rail and sea carrier reports



e-Manifest: Rail and Sea - Custodial Bond User Verification for In-Bond Moves

Ocean and rail carriers will be able to create a carrier In-bond Authorization through their ACE Portal account

- If no In-Bond Authorization partners are activated, anyone may obligate the carrier's bond
- If the carrier chooses to restrict the use of their bond to themselves, they must add themselves as an In-Bond Authorization partner
- If the carrier elects to restrict the use of their bond to specified carriers, they must add those carriers as In-Bond Authorization partners
- The restriction will start on the date that the manifest is filed not the date of arrival

e-Manifest: Rail and Sea - Ocean Conveyance Data via the ACE Portal

Sea Carriers with ACE Portal Accounts will be able to:

- Create a new conveyance
- Add an existing conveyance that already exists in ACE
- View conveyance data in their account
- Edit conveyance data in their account
- Remove the relationship between the carrier account and the vessel record
- Download conveyance data

e-Manifest: Rail and Sea

Enhancements – Importers & Brokers

Importers will have the ability to:

- Run the MMM-9022 Bill of Lading Status Report
- Save Reports in a “Shared Folder” for use by others within the ACE Portal Account

Brokers will have the ability to:

- Run selected In-Bond, Bill of Lading, Manifest, and Equipment Reports
- Save Reports to a “Shared Folder” for use by others within the ACE Portal Account
- Create a rail line release entry bank
- Receive broker download messages from the carrier



e-Manifest: Rail and Sea

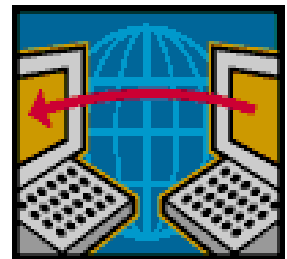
Enhancements for Government Users

- CBP Officer screens will be more user friendly
- PGAs will have “hold”, “hold recommended” and “hold removal functionality
- Client representatives will be able to view on-line, side by side comparisons of Bill of Lading versions to aid them in their trouble shooting tasks
- CBP Officers will have the option to manually lock a rail consist
 - Rail carriers will be required to call CBP by phone in order for the manifest to be unlocked thereby allowing the carrier to file an amendment



e-Manifest: Rail and Sea - Status

- Advance Notice of Electronic Data Interchange (EDI) Implementation Guidelines (IGs) were posted to www.cbp.gov at link
http://www.cbp.gov/xp/cgov/trade/automated/modernization/ace_edi_messages/ace_guidelines/
- CBP published a Federal Register Notice on October 20, 2010 announcing the deployment of e-Manifest: Rail & Sea functionality
- CBP is targeting trade testing for the Spring 2011
- Shortly after the successful completion all testing CBP plans to publish a subsequent FRN announcing that ACE will be the only CBP approved EDI for required e-manifest data for rail and sea



Cargo Release Functionality

Features:

- Will enhance screening and targeting by analyzing entry transaction history to facilitate entry release
- Improves hold resolution through the integration of PGA notifications to the trade so the trade is aware of what agency is placing the hold, the reason for the hold, and who they need to interact with in order to secure release
- Ensures continued flow of cargo during an emergency (Port closing, etc.) for instantaneous diversions of entry without having to resubmit entry information. CBP has accounted for an emergency diversion plan and will be able to shift entities to other ports for business resumption
- Will increase electronic communication between CBP, PGAs, and the trade community
- Will allow for automatic data correction, deletion, and cancellation of entries, thereby eliminating the need to submit paper entries

Cargo Release Functionality

Status:

- CBP is reviewing all cargo release user requirements to focus on the admissibility of imported cargo and their release into the commerce of the United States
- CBP is coordinating all cargo release functionality with Participating Government Agency's and the trade community
- CBP is re-validating all CBP, PGA and trade cargo release user requirements to identify scope and gaps that need to be addressed
- Once all cargo release user requirements have been validated the design and acquisition phase will begin

e-Manifest: Air

Features:

- Will include air cargo processing into the ACE Multi-Modal Manifest environment
- Will improve control for CBP, bring PGAs into the air environment, provide better information for CBP and PGAs
- Will improve In-bond functionality and inter-modal In-Bond cargo movements
- Will allow for Holds at the master, house, sub-house and simple bill of lading levels in air cargo
- Will allow for the electronic transfer of bond liability between trade partners
- Will provide new report capabilities for trade partners and CBP field officers via the ACE Portal



e-Manifest: Air



Features – cont'd

- Will extend broker download capability to air cargo environment
- Will expand Secondary Notify Party capability to air cargo processing

Status:

- Core and non core processes are being Identified
- Delivery date – To be determined

Additional Resources

Portal Applications



Applications, instructions and tutorials can be found on CBP.gov/modernization

- Create the ACE top account
- Associate the primary ID#
- Create or add TAO or POC
- Confirmation sent to TAO or POC

Web Based Training



https://nemo.customs.gov/ace_online

Cargo Systems Messaging Service

A subscription based, broadcast message system for users of CBP automated commercial trade system <http://apps.cbp.gov/csms/>



www.CBP.gov/Modernization



- ACE Fact Sheets
- Training and Reference Guides
- Federal Register Notices
- Presentations of Capabilities



U.S. Customs and Border Protection

For more information,
visit “ACE: Modernization Information Systems”
at www.cbp.gov/modernization
or send an e-mail to: CBP.CBPCSP0@dhs.gov