



## Q&A

If you have questions during the webinar, please type them into the Q&A pod. We will address as many as time allows at the end of the presentation

Thank you for joining today's webinar – the event will begin shortly; in the meantime, please read through the following reminders:

- Audio will be made available through your computer speakers, so please make sure your speakers are unmuted and working properly
- Closed captioning will also be available during today's webinar – text will appear in the lower left hand corner of your screen.
- Today's recording, transcript and PowerPoint slides will be available on [cbp.gov/aceoutreach](http://cbp.gov/aceoutreach) after today's event.



U.S. Customs and  
Border Protection



Automated Commercial Environment (ACE)

# Multi-Modal Manifest Webinar

## December 17, 2014



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U.S. Customs and Border Protection



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# ACE Overview



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# AUTOMATED COMMERCIAL ENVIRONMENT/INTERNATIONAL TRADE DATA SYSTEM

## U.S. SINGLE WINDOW FOR TRADE



### INTERNATIONAL TRADE

- In FY2013, U.S. trade accounted for \$2.4 trillion in imported goods and \$1.6 trillion in exported goods

### ACE / ITDS

- Executive Order establishes deadline of December 2016 for implementation
- ACE is the technology enabler through which Single Window processing will be achieved
- Key features to enable Single Window processing have been implemented

### PARTNER GOVERNMENT AGENCIES

- 47 Partner Government Agencies
- Largely paper-based with multiple entry systems
- Nearly 200 forms required for imports and exports



Quicker data availability for Government - better identification of dangerous or prohibited shipments



Automated Agency interactions reduce paper, enable near-real time decision making by Government



Easier for industry to comply with government regulations



Reduced costs for Government and industry

# ACE Progress

## PRE-ARRIVAL MANIFEST

- Air Manifest and Inbond

- Rail Manifest
  - Inbond
- Ocean Manifest
  - Inbond
- Truck Manifest
  - Inbond

*33% faster truck processing with ACE*

## ARRIVAL CARGO RELEASE

- Remaining Entry Types
- FTZ Admissions
- Diversions
- Remote Location Filing

- Truck
- Certified from Summary
- Air/Ocean/Rail
  - Inbond
  - Movements
  - Splits/Partials
  - Corrections/ Cancellations
  - ABI Query
- Cargo Release Pilot - Air Baseline
- Unified SE/ISF filing

*More than 835,000 ACE Cargo Release Entries filed*

## POST RELEASE ENTRY SUMMARY

- Remaining Validations
- Liquidation, Protest, & Drawback
- Remaining ES Types
- Quota
- Statements
- STB & eBond

- Entry Summary Validations
  - Simple/Complex Duty Calculations
  - MPF
  - HMF
  - Tariff Classification
  - Informal Entry Restrictions
  - Charges Restrictions
  - Other Fees
  - Taxes
- AD/CVD Case Mgmt
- Automated Forms
- Post Summary Corrections
- Initial Entry Summary Types
- Periodic Monthly Statement

*Nearly 42% of entry summaries filed and 66% of duties and fees collected in ACE*

## EXPORTS

- Export Manifest: All Modes
  - Truck Export Manifest
  - Ocean/Rail Export Manifest

- Air Export Manifest (CAMIR)
- AES Commodity filing and incorporation of AES into ACE
- Census/BIS reg changes
- DIS Ocean Manifest Pilot

*Reduced courier/printing costs saving each participant ~\$900K/year*

## PGA INTEGRATION

- FDA
- APHIS (Lacey Act)
- Remaining Import PGAs
- Remaining Export PGAs

- Document Image System (DIS)
- Interoperability Web Services
- PGA Message Set

*9 PGAs receiving data via ACE*



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# ACE Mandatory Dates

Mandatory Date	Explanation
	<p>Electronic import/export manifests, for all modes of transport, must be filed in ACE</p> <ul style="list-style-type: none"> <li>• Import Manifest: Impact is for Air</li> <li>• Export Manifest:               <ul style="list-style-type: none"> <li>• Cannot mandate filing in ACE until regulations published</li> <li>• Current processes for export manifest will continue to be supported, but as of 5/1/15, all ELECTRONIC manifests must be filed in ACE</li> </ul> </li> </ul>
	<p>All electronic entries and entry summaries must be filed in ACE</p> <ul style="list-style-type: none"> <li>• Includes Partner Government Agency (PGA) requirements at time of entry or entry summary</li> <li>• Paper filings allowed today, e.g., non-ABI, will continue to be supported</li> </ul>
	<p>All remaining electronic portions of cargo process must be done in ACE</p> <ul style="list-style-type: none"> <li>• Protest, Liquidation, etc.</li> </ul>



# Key Dates for ACE Transition

## Deployment of Key ACE Capabilities

**January 2015**  
Electronic import manifest for air and export manifest for air/ocean/rail

**July 2015**  
All entry types delivered

**July 2016**  
All remaining core trade processing capabilities delivered



## ACE Mandatory Dates

**May 1, 2015**  
ACE mandatory for all electronic manifest filings  
*5 months away*

**November 1, 2015**  
ACE mandatory for all electronic cargo release and related entry summary filing  
*11 months away*

**October 1, 2016**  
ACE mandatory for all remaining electronic portions of the CBP cargo process  
*22 months away*



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# ACE Air Import Manifest



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# Air Import Manifest Changes with Transition to ACE

## What will change when Air Manifest functionality is transitioned from Air AMS to ACE?

- Manifest data submitted to CBP will be subject to increased system validations that ensure compliance with published requirements
- Key data elements that will be subject to increased validation include:
  - Header format must comply with published Implementation Guide in Appendix D of the CAMIR
  - Consignee country codes must be entered and valid
  - Shipment weight values must be numeric and greater than zero
  - Bonds must be on file and valid
- Some system validations will be updated to provide more descriptive language for error codes
- Duplicate In-bond number edit in ACE MMM will cause duplicate 9 digit in-bond numbers to reject in ACE.

A complete list of changes can be found on the CBP website

<http://www.cbp.gov/trade/update-air-manifest-changes-ace-deployment-d-january-release>



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# ACE Air Import Manifest

- Deployment**
- January 3, 2015 – Air Import Manifest capabilities will be deployed in ACE for a testing period of dual processing of air import manifest in both ACE and Air AMS.
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- Impact**
- There will be no trade impact with the deployment on January 3, 2015 as the system of record will remain Air AMS and all messaging back to the filers will be from Air AMS.
- 

- Testing**
- The ACE Certification environment will be ready for trade testing in February 2015
  - Once the ACE certification environment is deployed there will be no Air AMS certification region.



# ACE Air Import Manifest

## Training

- CBP field training on the ACE system will be in March and April 2015 and field User Acceptance Testing (UAT) will occur during this time.

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## Dual Processing Period (January to May 2015)

- CBP will be monitoring the message processing (input and output) during the dual processing period of January to May 2015 for any discrepancies between Air AMS processing and ACE Air Manifest.
- Any issues with the ACE code discovered will be corrected during this period and any trade identified issues will be communicated to the trade partner.
- Air QX/WX ABI In-bond processing will be converted to QP/WP processing by May 2015 operational deployment of ACE Air Manifest (updated IGs will be posted December 2014)



# Air Import Manifest Information on CBP.gov

The full Air Import Manifest information notice on CBP.gov includes more details on the upcoming January 3, 2015 deployment and how to prepare.

<http://www.cbp.gov/trade/update-air-manifest-changes-ace-deployment-d-january-release>

Additional resources related to air manifest are also available for reference:

- For details on the updated header format, please access the published [Appendix D](#) posted to CBP.gov.
- For Air CAMIR: <http://www.cbp.gov/trade/acs/ams/camir>



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# ACE Truck Import Manifest



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# Truck Manifest Changes and ACE Portal Changes

- ACE will be transitioning the ACE Truck application from the current legacy application onto the ACE Multi-Modal Manifest (MMM) platform.
- The transition will consist of **three increments** of work of which the first increment has been completed and deployed to production.

First increment	<ul style="list-style-type: none"><li>• Provides the ability for carrier to arrive and export their in-bonds through the ACE portal for ocean, rail and truck carriers.</li><li>• Air carriers will have this functionality available to them in May 2015</li></ul>
Second increment	<ul style="list-style-type: none"><li>• Provide for ACE MMM to be the system of record for all truck filings.</li><li>• This increment will resolve remaining in-bond issues and provide for consistent in-bond messaging from ACE.</li></ul>
Third increment	<ul style="list-style-type: none"><li>• Resolve remaining coding and enhancements to truck to allow retirement of the ACE legacy truck application.</li></ul>



# Truck Manifest: In-Bond Arrival and Export Enhancement

## Background

- The ACE Portal currently provides truck carriers the ability to arrive and export in-bonds through a truck e-manifest shipment submitted via the Portal.
- To reduce in-bond arrival and export processing for ocean rail and truck in-bond transactions CBP has enhanced the in-bond arrival and in-bond export capabilities in the ACE Portal to allow all carriers to arrive, export, and cancel in-bond transactions associated to Bills of Lading (BOL) with the carriers Standard Carrier Alpha Code (SCAC)



# Truck Manifest: In-Bond Arrival and Export Enhancement - continued

Inside the “tools” tab of the ACE Portal the “in-bond arrival” and “in-bond export” links have been redesigned to allow users to designate an “arrive by” level. The ACE Portal will display four (4) in-bond action types: 1) In-Bond Arrival; 2) In-Bond Cancel Arrival; 3) In-Bond Export; and 4) In-Bond Cancel Export

The screenshot displays the ACE Portal interface. On the left, the 'Task Selector' menu is visible, with 'In-Bond Arrival' highlighted in a red box. Below it, the 'Account Selector List' shows 'View By' options for 'Acct Name' and 'SCAC'. The main content area is titled 'In-Bond Arrival' and includes a search form. The search form contains the following fields and options:

- Indicates Field is Required** (marked with an asterisk)
- Search In-Bonds** (header)
- Find In-Bonds where**  is
- Destination Port is**  [Lookup Port Code](#)
- Filing Date Range is**  to  (45 day default)
- Search** and **Clear** buttons
- Arrive By:**



# ACE Export Manifest



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# ACE Export Manifest

## Overview

- CBP is building an electronic export manifest process for the various modes of transportation (Air, Ocean, Rail, Truck)
- ACE export manifest will provide the ability for trade to file and CBP to process electronic export manifests.
- These export manifest developments will be rolled out as pilots over the next year pending publication of a final regulation change removing paper filing as an option and allowing for filing electronically by the trade.

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## Benefits

- Electronic manifest filing will eliminate costly and time consuming paper processes in place today.
- ACE will provide advance validation of the Internal Transaction Number (ITN) that will link the manifest and commodity filings.
- ACE will provide advance notice of holds prior to loading.
- ACE will automate the closing out of the in-bond transaction with one departure message.



# ACE Export Manifest

## Pilot Strategy

- Air export manifest is currently being coded for a tentative 2014/2015 pilot which will be announced as part of a Federal Register Notice (FRN). Roll out will begin with limited carriers, limited ports.
- Federal Register Notice (FRN) will be published soliciting trade participants for export manifest pilots for all modes.

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## Pilot Schedule

- Air export manifest pilot – Target: Early 2015
- Ocean export manifest pilot – Target: Early 2015
- Rail export manifest pilot – Target: Early 2015
- Truck export manifest pilot – Target: TBD

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## PGA Integration

- Export PGA processing under the single window initiative will be mainly on the AES commodity filing by the export.
- The initial list of export PGAs that are working on ACE/AES are: Census, BIS, DDTTC, EPA, AMS, OFAC, DEA, NMFS, FWS, ATF and additional agencies.
- TSA and export manifest automation for carriers



# ACE Export Manifest Technical Information

- ACE export manifest has been coded in the industry standard message sets of Cargo-IMP 32<sup>nd</sup> Edition.
- CBP will code for XML IATA 2<sup>nd</sup> Edition, AIR CAMIR and for a CBP XML Unified Multi-Modal Manifest version.
- Currently a draft version of a possible Air CAMIR export manifest is published on the website and this will be updated as soon as possible with additional guidance on the additional message sets above (Cargo-IMP, IATA 2 and XML Unified Multi-Modal Manifest Message Set)

Draft Export Manifest Implementation Guidelines Posted to cbp.gov at the following address: <http://www.cbp.gov/trade/ace/export-manifest>



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# ACE Resources

- Public information, including Implementation Guides, available on CBP.gov/ACE:  
<http://www.cbp.gov/ace>
- ACE outreach – calendar of events for public ACE outreach sessions  
<http://www.cbp.gov/aceoutreach>
- Trade Subscriptions for Cargo Systems Messaging Service (CSMS):  
<https://public.govdelivery.com/accounts/USDHSCBP/subscriber/new?qsp=938>
- Contact your assigned Client Representative



# Technical Support?

Contact CBP Help Desk for support and troubleshooting



**1-866-530-4172**



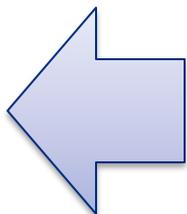
[ACE.Support@cbp.dhs.gov](mailto:ACE.Support@cbp.dhs.gov)



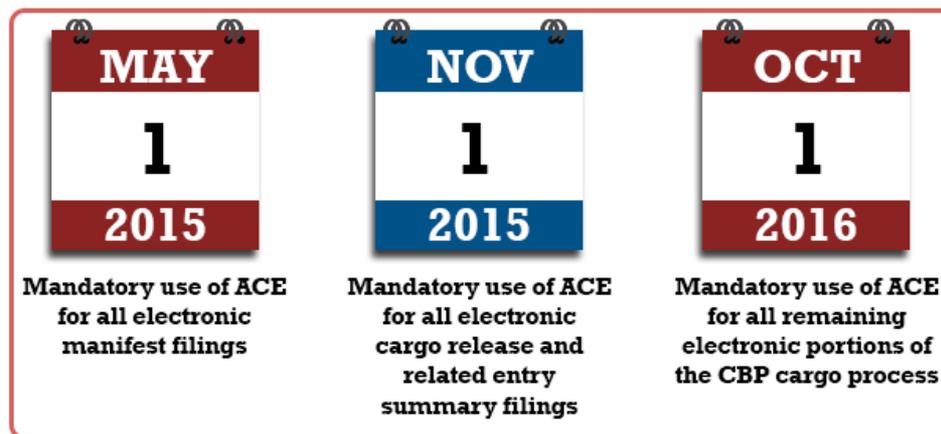
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# Question and Answer Session



If you have a question, please type it into the Q&A pod. We will address as many questions as time allows.



[www.cbp.gov/acemandatorydates](http://www.cbp.gov/acemandatorydates)



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