



Automated Commercial Environment Update

December 2013



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ACE Milestones

Goal: Develop all core trade processing capabilities in ACE in approximately three years

- **Mandatory use of ACE for all electronic manifest filing – May 1, 2015**
 - Filing of electronic export and import cargo manifest functionality related to all modes of transportation will be mandatory in ACE.
- **Mandatory use of ACE for all electronic cargo release and related entry summary filings – November 1, 2015**
 - All data associated with the release of imported cargo from the government's custody, including data related to Partner Government Agency (PGA) interactions, and their associated entry summaries must be transmitted via ACE.
- **Mandatory use of ACE for all remaining electronic portions of the CBP cargo process – October 1, 2016**
 - All electronic trade processing must be done via ACE. This includes processes such as Drawback, Quota and Protest.



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ACE: Pre-Arrival



ACE: e-Manifest for Import

- What is e-Manifest?
 - Provides a consolidated view of shipment manifest and entry data, at the bill of lading or container level, to facilitate the identification of shipments that may pose a risk and expedite the processing of legitimate cargo
- Truck, rail and ocean manifests must be filed via ACE
 - Air e-Manifest scheduled to be deployed January 2015
- New Data Elements and Rules implemented with ACE Ocean/Rail Manifest:
 - 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 Schedule (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)



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- Simplified Entry (SE) is the first phase of Cargo Release developed in ACE, streamlining the data required to obtain release of cargo.
 - Eliminates the current entry document (CBP Form 3461)
 - Reduces 27 data items to 12
- ACE Cargo Release Benefits
 - Enhances Cargo Security: Allows CBP and the Trade to identify and address potential risks earlier in the process
 - Streamlines the Release of Cargo:
 - Earlier risk assessment decisions
 - Earlier and more detailed messaging
 - Reduces Transaction Costs
 - Reduces transaction costs for importers and CBP by requesting filing data once
 - Greater predictability; allows importers to make logistical arrangements in advance of arrival
 - Reduces “exceptions” needing special processing after arrival





ACE Cargo Release Pilot Overview

1. Filers will Submit a Streamlined Data Submission

Filers will submit a reduced amount of information—12 required and three optional data elements—prior to the arrival of the merchandise for transporting the cargo to the U.S.

2. Filers can Provide the Information in Advance

The ACE Cargo Release can be filed earlier in the import process, allowing an expanded window of opportunity to identify potential risks earlier

3. Filers can Update the Data for Accuracy

It will also allow filers to update entry information, providing CBP more accurate data and enhancing cargo security

4. More Detailed and Earlier Messaging

Document requests will look to identify specific documents as appropriate and can begin while goods are still overseas

This simplifies the merchandise release process, allows for more streamlined electronic transmission for the filer, and assists importers in finalizing cargo movement logistics



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ACE Cargo Release Status

- DIS capability has been integrated, allowing trade participants to submit electronic forms supporting their ACE Cargo Releases via email.
- The ACE Cargo Release pilot currently covers air shipments and includes:
 - Electronic corrections and cancellations
 - Splits and partial shipments
 - In-Bond shipments



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ACE: Post Release




ACE Entry Summary Status

- 99% of Entry Summaries can be filed in ACE
 - Entry types 01, 03, and 11
 - Remote Location Filing (RLF) for entry type 03
- Critical to modernizing entry summary (ES) processing in ACE is the development of critical system “edits” or checks that will validate the accuracy of the data being submitted to CBP.
 - ACE currently includes Harbor Maintenance Fee (HMF) and tariff classification validations for ACE entry summaries.
 - Additional validations are being developed.




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ACE Entry Summary

Antidumping and Countervailing Duty (AD/CVD)




•AD/CVD Case

- Available via ACE Portal and ABI
- Search, display and print via the Portal
- 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




•AD/CVD Messages

- 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



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ACE Entry Summary

Post Summary Corrections

- Purpose: Enables a filer to make electronic corrections, prior to liquidation, on ACE entry summary data presented to and accepted by U. S. Customs and Border Protection (CBP).
- The Post Summary Correction (PSC) transaction:
 - Fully replaces the existing ACE entry summary as a new version
 - May be submitted for ACE entry summaries, types 01 and 03 only
 - Replaces the existing Post Entry Amendment (PEA) hardcopy process for ACE entry summaries
 - Eliminates quarterly Post Entry Amendment (PEA) requirement – Filer may send changes as they are discovered.
 - Provides the ability for the trade to submit corrections to ACE entry summaries via Electronic Data Interchange (EDI)
 - Is processed through all existing validations including Census warnings
 - Is subject to same team review process as current ACE entry summaries



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ACE Entry Summary Post Summary Corrections (cont)

- May be filed 270 calendar days from date of entry.
- No limit on number of PSCs filed within allowable time frame.
- Cannot be filed within 20 calendar days of the scheduled liquidation date.
- CBP will accept as the importer's assertion that current version is correct.
- CBP will retain entry summary versions.
- For additional information on PSC rules refer to section 9 in the "Business Rules and Process Document (Trade)" posted on CBP.gov
http://www.cbp.gov/xp/cgov/trade/trade_programs/entry_summary/ace/.



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ACE Entry Summary Additional Capabilities

- ACE also supports processing of select CBP Forms, Blanket Declarations, and Census Warnings
 - Respond to CBP Forms 28, 29, and 4647 through the ACE portal for all entry summaries
 - Post blanket declaration records through the ACE portal for CBP to view nationwide
 - Electronically correct Census warnings through submission of an override code for ACE entry summaries prior to or after receiving a Census warning message through ABI
- Users can also respond to Post Summary requests through the ACE Portal by filing electronic documentation



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- CBP is establishing a single export automated platform for manifest and commodity filings in ACE.
 - Goal: Establish ACE as the single automated processing platform for all export manifest, commodity, licensing, export control, and export targeting transactions for all modes of transportation (air, rail, truck, sea).
- Working with the trade and Partner Government Agencies to determine:
 - Export data needs and user requirements
 - PGA automation requirements, appropriate business processes, legal and regulatory authority
 - PGA requirements for licenses, permits and certificates





ACE: Automated Export System (AES) Re-engineering

- AES Re-engineering will:
 - Implement and replace the legacy mainframe AES
 - Integrate export processing into existing targeting platform
 - Improve communication, collaboration, and compliance efforts between CBP, the trade community and PGAs
 - Automate multi-agency export cargo control and enforcement
 - Implement license control, hold messaging and enforcement
- System Capabilities:
 - Intake and display of Electronic Export Information
 - Run export processing and targeting rules
 - Manage export licenses
 - Messaging
 - Findings and automated holds



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ACE: Re-Engineering AES Status

- CBP anticipates legacy AES decommissioning by mid 2014.
- Moving AES to a re-engineered system platform will:
 - Provide a single export processing platform for commodity data, manifest data and export control licensing data.
 - Maintain existing legacy AES capabilities and provide for anticipated Census regulatory changes and Advance Export Information (AEI) filing functionality.
 - Modernize the system design to low operation, maintenance and development cost over existing legacy system.
- CBP is planning a phased roll-out of initial AES capabilities:
 - Phase I: Load historical data.
 - Phase II: Run re-engineered AES in parallel with legacy ACE and retire mainframe user interface.
 - Phase III: Migrate CBP users from legacy AES, and retire mainframe user-interface.
 - Phase IV: Migrate trade users from legacy AES, and retire mainframe trade interface.



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International Trade Data System (ITDS) and the Single Window

ITDS was established through the SAFE Port Act of 2006; directing all Federal agencies requiring documentation for clearing or licensing importation and exportation to establish a single system (or window) for collection and distribution of trade data.

- Office of Management and Budget Directive M-07-23 mandated that agencies appoint senior executives to the ITDS coordination team
- President's Management Agenda, E-Government Scorecard mandated integration of agency operations and IT investments
- 47 International Trade Data System PGAs
- ACE will become the "single window", the primary system through which the international trade community will submit import and export data and documentation* required by all Federal agencies.



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* Applications for permits and licenses are excluded from the "single window".

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Current Partner Government Agencies

Department of Agriculture

AMS – Agricultural Marketing Service
APHIS – Animal and Plant Health Inspection Service
FAS – Foreign Agricultural Service
FSIS – Food Safety and Inspection Service
GIPSA – Grain Inspection, Packers & Stockyards Administration

Department of Commerce

BIS – Bureau of Industry and Security
U.S. Census Bureau
FTZB – Foreign Trade Zones Board
E&C – Enforcement and Compliance
NMFS – National Marine Fisheries Service

Department of Defense

USACE – Army Corps of Engineers
DCMA – Defense Contracts Management Agency

Department of Energy

OFE – Office of Fossil Energy
EIA – Energy Information Administration
OGC – Office of General Counsel

Department of Justice

ATF – Bureau of Alcohol, Tobacco, Firearms and Explosives
DEA – Drug Enforcement Administration

Department of the Interior

FWS – Fish and Wildlife Service

Department of Labor

BLS – Bureau of Labor Statistics

Department of Homeland Security

USCG – United States Coast Guard
CBP – Customs and Border Protection
TSA – Transportation Security Administration

Department of Transportation

BTS – Bureau of Transportation Statistics
FAA – Federal Aviation Administration
FHA – Federal Highway Administration
FMCSA – Federal Motor Carrier Safety Administration
MARAD – Maritime Administration
NHTSA – National Highway Traffic Safety Administration
PHMSA – Pipeline Hazardous Materials Safety Administration

Department of Health and Human Services

CDC – Centers for Disease Control and Prevention
FDA – Food and Drug Administration

Department of Treasury

IRS – Internal Revenue Service
OFAC – Office of Foreign Assets Control
TTB – Alcohol and Tobacco Tax and Trade Bureau
FinCEN – Financial Crimes Enforcement Network

Department of State

A/LM – Bureau of Administration, Office of Logistics Management
DDTC – Directorate of Defense Trade Controls
OES/OCM – Bureau of Ocean and International Scientific Affairs
OFM – Office of Foreign Missions

Independent Agencies

CPSC – Consumer Product Safety Commission
EPA – Environmental Protection Agency
FCC – Federal Communications Commission
FMC – Federal Maritime Commission
ITC – International Trade Commission
NRC – Nuclear Regulatory Commission
USAID – U.S. Agency for International Development
USTR Office of the United States Trade Representative

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ACE: Single Window and PGA Integration

- CBP has established key ITDS initiatives to achieve the vision of ACE as the “single window” for the Government and Trade Community.
 - PGA Interoperability – Provides pipeline to transfer data between CBP and PGAs.
 - PGA Message Set - Creates a single, harmonized set of information to be collected electronically from international traders by CBP on behalf of PGAs.
 - Document Image System (DIS) - Allows trade members to supply electronic documents needed during the import and export processes.



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ACE: Technical Services





ACE: Priority Fixes and Enhancements

- CBP has system to prioritize and implement fixes and enhancements to deployed ACE functionality.
- CBP issues Cargo Systems Messaging Service (CSMS) messages announcing fixes and enhancements prior to and following the deployments.
- Messages are also being posted to the ACE Portal News tab for portal functionality fixes.



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ACE Reports: General Benefits

ACE Accounts allow all users:

- Free ACE Portal Access
- Run Customized Reports
 - Over 125 customizable reports providing access to CBP manifest, cargo, entry summary, finance, and compliance data.
- View Continuous Bond Information

Broker, importer and carrier specific benefits

Account Refresh Cycles

Periodic Monthly Statement
✓ Data Refreshed Hourly

Multi-Modal Manifest Data in
the Trade Reporting Folder
✓ Refreshed Every Two
Hours

All Other Report Data
✓ Refreshed Nightly

Compliance Data
✓ Refreshed Monthly



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ACE Reports

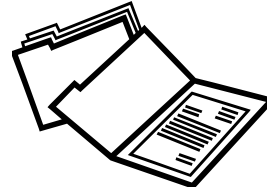
ACE Accounts supports Reporting functionality across various trade roles

- **Key Reports**

- Filer or Importer Quick Views
- Entry Summary Aggregate and Details Reports
 - CBP Forms 28, 29, 4647

- **Periodic Monthly Statement**

- Periodic Statement Quick View – Broker
- Periodic Statement Quick View – Importer



- **Multi-Modal Manifest Reports**

- Bill of Lading Status Report
- In-Bond Details Report

- **Reference Reports**

- Public FIRMS code Report
- UN Location Code Report

- **Transaction Reports (Truck)**

- Carrier Activity Reports



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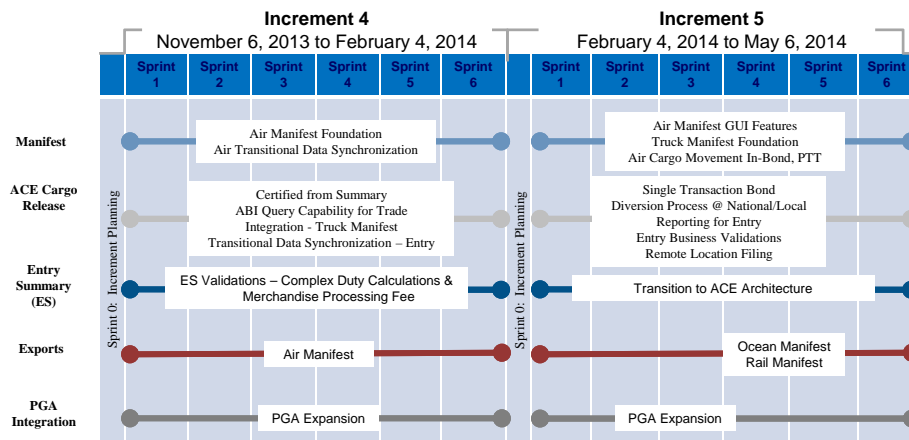


ACE: Additional Information





ACE Near Term Development Schedule



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Schedule is subject to change

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ACE 2014 Deployments of Trade Capabilities

- **Manifest**
 - Air Manifest (import) Foundation (accept data and reply)
 - Transitional Data Synchronization - Air
- **ACE Cargo Release**
 - Ocean/Rail Manifest Integration
 - Partials with Inbond
 - Cargo Release data build out
 - Finish cancellation process from ACE Entry Summary to Entry
 - Certified from Summary
 - Truck Manifest Integration
 - Query Capability - Trade ability to query ABI
 - Transitional data synchronization--entry
- **Entry Summary**
 - Entry Summary Validation- Simple and Complex Duty Calculations, Merchandise Processing Fee (MPF)
- **Export**
 - AES commodity re-engineering including Census and BIS reg changes, AES New Features
 - AES Ocean Manifest Transition
- **PGA Integration**
 - New PG00 Record to Reduce Data Duplication
 - Single Accept/Reject Message for ACE Cargo Release Response
 - PGA Message Improvements
 - PGA Actions for Entry Summary



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Web Resources Listing

ACE Info



For account info, instructions and tutorials please visit <http://cbp.gov/ace>

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

ACE Accounts



For account creation or access please visit

http://www.cbp.gov/xp/cgov/trade/automated/modernization/get_started/ace_app_info/

ACE Portal Support: 1-866-530-4172

ACE.SUPPORT@CBP.DHS.GOV

Web Based Training for Releases



http://nemo.cbp.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/>



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