



# **Automated Commercial Environment Update**

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# Agenda

1. ACE e-Manifest: Rail and Sea
2. Additional Recent Accomplishments
3. ACE Priorities and Plan Forward
4. ACE User Metrics





# The Automated Commercial Environment

The key to CBP's trade and supply chain security transformation initiatives, ACE:

- Forms the backbone of CBP's trade processing and risk assessment capability, modernizes commercial trade processing, and consolidates and automates border processing
- Realizes the "single window" vision by providing a centralized connection point for CBP, Partner Government Agencies (PGAs), and the trade community to enable collection and distribution of standard electronic import and export data required by all Federal agencies





## e-Manifest: Rail and Sea (M1)

- ACE e-Manifest: Rail and Sea provides a consolidated view of rail and sea 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.
- All impacted trade parties were successfully migrated to e-Manifest: Rail and Sea on September 28, 2012.
- Effective September 29, 2012, ACE became the only approved Electronic Data Interchange (EDI) for transmitting required advance rail and sea cargo information and ABI in-bond transactions to CBP.
- CBP has completed the decommissioning of legacy rail/sea manifest processing.
- Program fixes and enhancements continue to be prioritized.





## e-Manifest: Rail and Sea (M1) cont.

- Broker download is now available for ocean manifest.
- 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)





# Recent ACE Accomplishments

- **International Trade Data System (ITDS) Single Window**
  - PGA Interoperability enables Agencies to receive automated manifest, entry and/or entry summary data. Agencies currently receiving data:
    - Food Safety Inspection Service
    - Consumer Product Safety Commission
    - U.S. Coast Guard
    - Agricultural Marketing Service
  - Document Image System (DIS) allows filers to transmit required electronic forms.
    - Environmental Protection Agency and National Marine Fisheries Services forms being tested by trade filers.
- **Automated Export Processing**
  - Automation of the export ocean manifest using the DIS capability.





## Recent ACE Accomplishments cont.

- **Cargo Release/Simplified Entry (SE)**
  - Simplified Entry is the first phase of Cargo Release developed in ACE.
  - Streamlines the data required to obtain release of cargo, reducing 27 data items to 12.
  - 20 filers participating in the Cargo Release / SE Pilot for air mode of transportation at 16 major airports.
  - Document imaging capability incorporated into the pilot, allowing trade participants to submit electronic forms supporting their SEs via email.
  - CBP will build upon success of SE to achieve full Cargo Release capability. Cargo Release capabilities being developed in ACE will be built off the Simplified Entry.





# Program Priorities

- ACE priorities driven by stakeholder input:
  - **Cargo Release:** Mechanism by which ITDS “single window” will be achieved.
    - Key ITDS initiatives, including the PGA Message Set, Document Image System, and PGA Interoperability, will be incorporated into Cargo Release.
  - **Entry Summary Validations:** New validations in ACE to increase the accuracy of data based on the edits available in the legacy environment.
  - **Critical fixes for deployed ACE functionality**
  - **Export functionality:** Path for making ACE the single platform for all export manifest and commodity transactions, supporting President’s National Export Initiative.







# Plan Forward

- CBP recognizes that additional core functionality in ACE must be delivered to achieve broad trade community participation.
- CBP has developed a plan to develop all core trade processing capabilities in ACE using Agile development methodologies. CBP's plan will enable (1) full and complete cargo processing in ACE and (2) decommissioning of the Automated Commercial System (ACS) within approximately 3 years.
- Agile development focuses on the rapid, incremental development and delivery of software.
- CBP began in January 2013 with 4 Agile teams and will scale up to 9-12 teams by 2014.
- CBP will continue to work closely with government and trade community stakeholders to modernize and streamline processes for the 21st century.





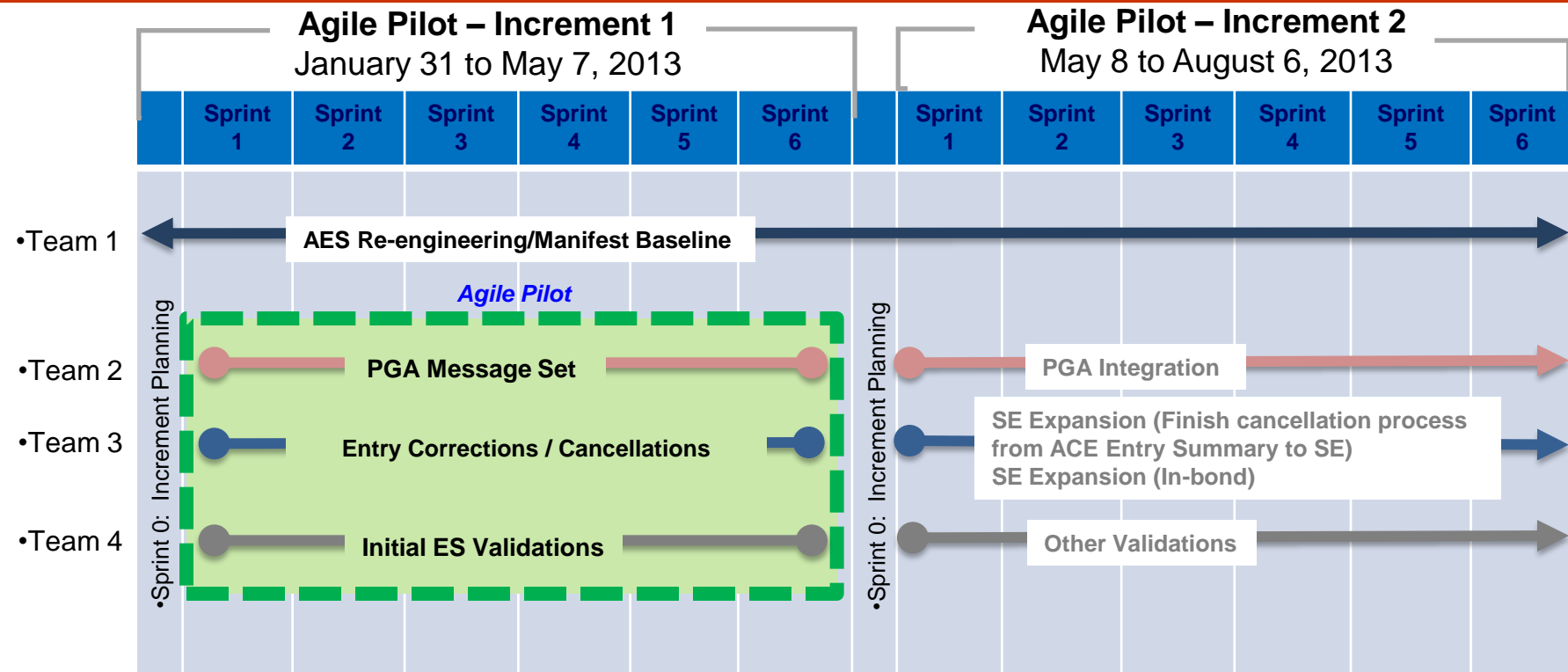
## Plan Forward – Capabilities Under Development

Capability	Description
Automated Export System (AES) Re-engineering	Migrates current AES off the mainframe and creates a single automated export processing platform for all export manifest, commodity, licensing and export control transactions.
Entry Corrections/ Cancellations	The next phase of Cargo Release/Simplified Entry. Provides the capability to accept (or deny) corrections and/or cancellations sent by Trade via EDI to Simplified Entries on file with CBP.
PGA Message Set	Provides a harmonized set of data collected by CBP via the Single Window and dispersed to the appropriate PGAs.
Entry Summary Validations	Establishes the foundation for the ability to process system checks on the quality and accuracy of incoming entry summary data.





# ACE Development Roadmap



## Next items on ACE Prioritized Product Backlog \*

SE Expansion (Splits)  
Duty Calculations  
ACE Accounts (Refactor\*\* from legacy ACE)  
ACE Entry Summary (Refactor from legacy ACE)  
Statements  
Single Transaction Bonds

•**NOTES:** \* Product Backlog is in current priority order. Schedule is subject to change as priorities for backlog items change. High confidence in projects scheduled for the next six months. All core functionality is identified in ACE Product Backlog.  
•\*\* Refactoring refers to a technical process, largely invisible to users, in which existing code is modified/revised in order to improve system performance.



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# ACE Trade User Metrics

- As of April 30, 2013:
  - 21,601 Trade Accounts in ACE
  - 188 authorized filers in ACE, of which 151 have filed entry summaries in ACE
  - Over 13,000 Post Summary Corrections were submitted by 57 different filers
  - 596,672 ACE entry summaries were filed in April 2013 representing 24.3% of all entry summary types 01, 03 and 11
  - To date over 85,000 Simplified Entries have been filed for over 850 importers by 21 filers



# Questions?