



U.S. Customs and
Border Protection

Automated Commercial Environment (ACE) Plan Forward

ACE Software Developer Session

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Brenda Smith, Executive Director

ACE Business Office

U.S. Customs and Border Protection



What is ACE?

Pre-Arrival

Expands data available to assess safety, security, compliance

- Air Manifest
- Rail Manifest
- Sea Manifest
- Truck Manifest

30% faster truck processing with ACE

Arrival

Enables speedier release of legitimate imported cargo

- Conveyance Mgmt
- PGA Reporting
- PGA Hold Requests
- Entry Integration w/ truck
- Entry integration w/ air
- Truck integration w/ SE
- PGA Holds
- Entry integration w/ sea
- Entry integration w/ rail
- PGA Integration
- Entry Corrections/ Cancellations
- Simplified Entry Pilot
- Document Image System (DIS)
- PGA Interoperability

More than 76,000 Simplified Entries filed

Post Release

Modernizes data requirements to validate trade law compliance

- Drawback
- Remaining Validations
- Liquidation
- Remote Location Filing
- Quota and Protest
- Remaining Entry Types
- Initial ES Validations
- Initial ES Types
- AD/CVD Entry Summaries
- AD/CVD Case Mgmt
- Automated Forms
- Post Summary Corrections

22% of Entry Summaries filed in ACE

Exports

Modernizes processes and enhances assessment of cargo for safety, security, compliance

- Export Truck Manifest
- Export Rail Manifest
- Export Sea Manifest
- Export Air Manifest
- AES Re-Engineering / Manifest Baseline

- DIS Sea Manifest Pilot
- Reduced courier/printing costs saving each participant ~\$900K/year

Finance

Streamlines payment mechanisms

- Bonds and Bond Processes
- Creation/Issuance of Periodic Monthly and Daily Statements
- Financial Components of Entry Liquidation and Drawback
- Fines and Penalties Interface (SEACATS)
- Importer Record Maintenance
- Red Flag Reporting

- Periodic Monthly Statement

68% duties & fees collected via ACE

Overview of CBP's plan:

- Complete core trade processing capabilities in ACE
- Decommission the Automated Commercial System (ACS) in about 3 years.

Making the Single Window to Trade a Reality

Single Window

One U.S. Government at the Border

Streamline interagency processing through collaboration and less paperwork

- Four Partner Government Agencies (PGAs) receiving automated data via ACE PGA Interoperability

Global Supply Chain Strategy

Strengthen the global supply chain to protect U.S. interests and enhance prosperity

- Importer Security Filing (ISF) data linked and available via ACE

U.S. Economic Competitiveness

Reduce transaction costs in U.S. supply chain

- Up to 33% faster truck processing with ACE

Security and Safety

Provides new tools for anti-terrorism and trade targeting and risk segmentation

- FSIS seizures of bad food products increased 30 fold during first year of ACE access

National Export Initiative

Support U.S. manufacturing growth by facilitating exports

- Saving ocean export manifest participants ~\$900K/year in reduced courier costs



Automated Commercial Environment

Critical to Multiple Missions and Priorities



ACE Plan Forward

▶ How will CBP achieve the ACE end-state?

- Agile software development methodology will allow CBP to produce smaller pieces of functionality more frequently, resulting in a more flexible, user-focused development process.

▶ How long will it take?

- Core functionality will be completed within approximately three years.
- Development underway with 4 teams; will scale to 9-12 teams by 2014.

▶ Development activities for 2013:

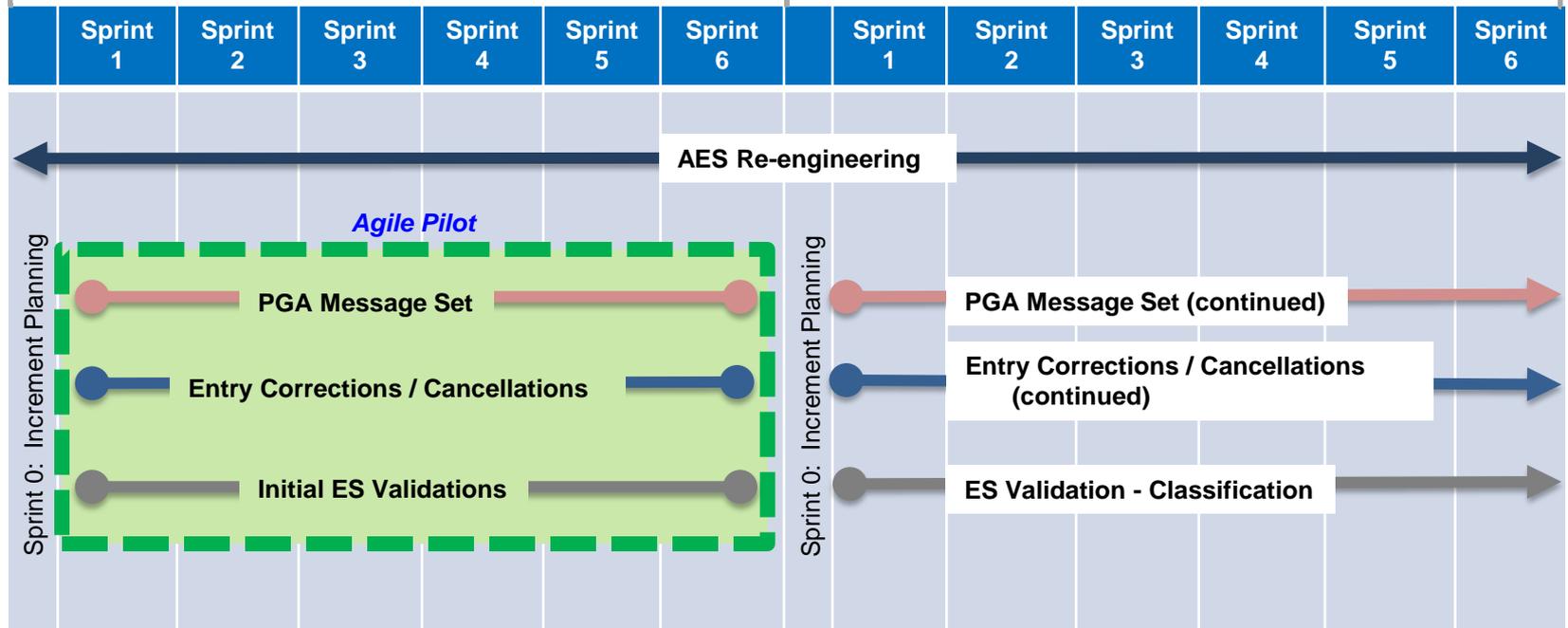
Capability	Description
AES Re-engineering	Establishes the export infrastructure for AES commodity filing, export license filing, and the baseline for export manifest processing.
Entry Corrections & Cancellations	The next phase of Cargo Release/Simplified Entry. Provides the capability to accept (or deny) corrections and/or deletions to an entry sent by Trade via EDI to simplified entries already on file with CBP.
PGA Message Set	Establishes a harmonized set of data to be collected by CBP via a Single Window and dispersed to appropriate PGAs. Enhances system to system communications between PGAs and CBP.
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

Agile Pilot – Increment 1
January 31 to May 7, 2013

Increment 2
May 8 to August 6, 2013



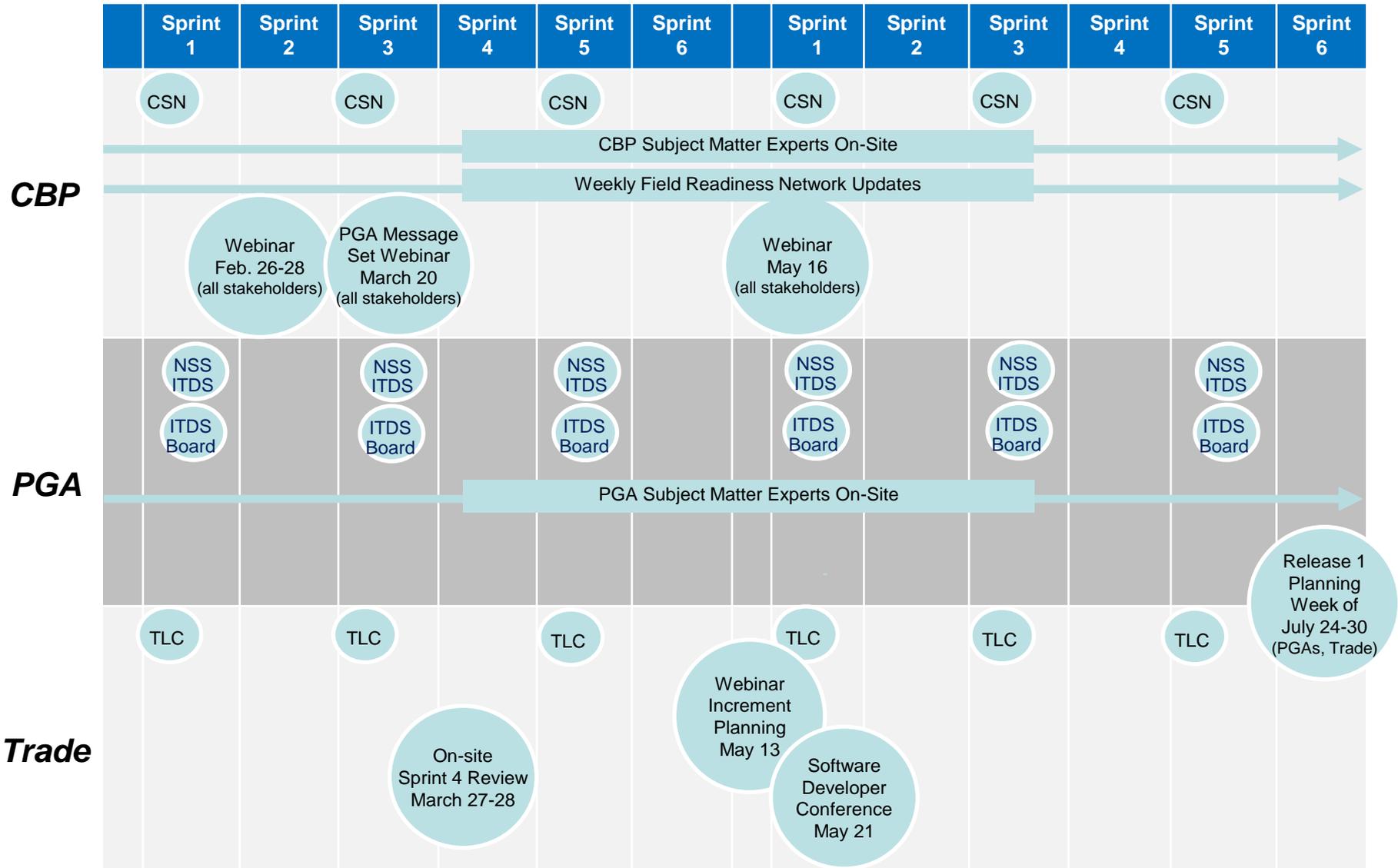
Next items on ACE Prioritized Product Backlog *

- SE Integration with In-Bond
- Ocean/Rail Manifest Integration with SE
- Cargo Release data build out
- ES Validation - Duty Calculations
- Export Manifest Foundation
- PGA Message improvements
- ABI Profiles

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.



ACE Stakeholder Engagement



CSN = Monthly ACE meeting with CBP Support Network
 NSS ITDS = Monthly National Security Staff ITDS Task Force meeting

ITDS Board = Monthly ITDS Board of Directors meeting
 TLC = Monthly Trade Leadership Council meeting



Targeted Mandatory Filing Dates in ACE

- ▶ December 31, 2015
 - Manifest and Cargo Release in ACE

- ▶ December 31, 2016
 - All remaining ACE features



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