Automated Commercial Environment (ACE)
Program Status
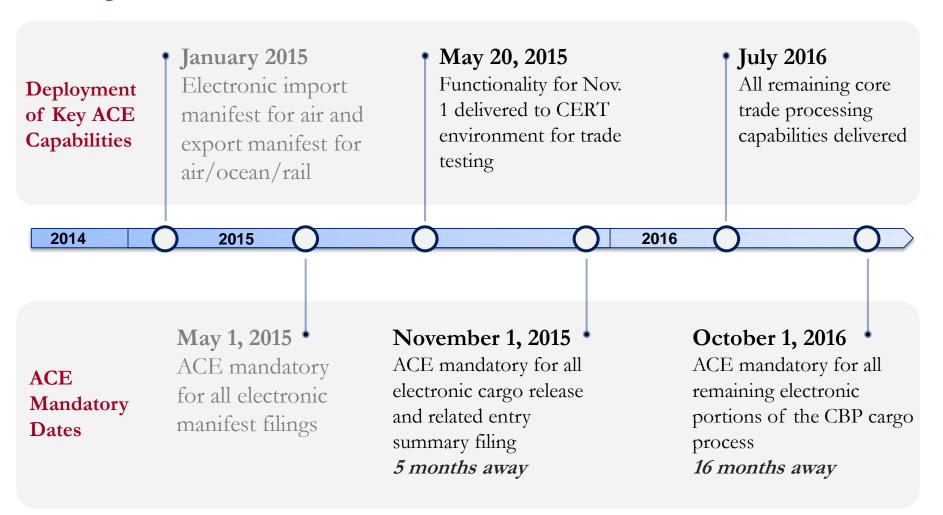

Jon Veley, Steve Hilsen

ACE Business Office

June 2015

U.S. Customs and
Border Protection

Key Dates for ACE Transition

Deployment of Key ACE Capabilities

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

May 20, 2015
Functionality for Nov. 1 delivered to CERT environment for trade testing

July 2016
All remaining core trade processing capabilities delivered

2014 — 2015 — 2016

ACE Mandatory Dates

May 1, 2015
ACE mandatory for all electronic manifest filings

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

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

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ACE Progress

PRE-ARRIVAL
MANIFEST

- Air Manifest
  - Integration with ACAS
- Air Manifest
  - Inbond
- Rail Manifest
  - Inbond
- Ocean Manifest
  - Inbond
- Truck Manifest
  - Inbond

ARRIVAL
CARGO RELEASE

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

- Certified from Summary
- Air/Ocean/Rail/Truck
  - Inbond Movements
  - Splits/Partials
  - Corrections/ Cancellations
  - ABI Query
- Initial Entry Types
  - 01, 11, 03
- Cargo Release Pilot - Air Baseline
- Unified SE/ISF filing

POST RELEASE
ENTRY SUMMARY

- Liquidation, Protest, & Drawback
- Remaining ES Types
- Quota
- Statements

- Entry Summary Validations
- AD/CVD Case Mgmt
- Automated Forms
- Post Summary Corrections
- Initial Entry Summary Types
  - 01, 11, 03
- Periodic Monthly Statement
- eBond

EXPORTS

- 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

PGA INTEGRATION

- FDA
- Remaining Import PGAs
- Remaining Export PGAs

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

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3

ACE Plan Forward

CBP is using the Agile software development methodology to complete development of core trade processing features in ACE and decommission the corresponding capabilities in legacy systems by the end of 2016

- Agile development allows us to build and field capabilities more quickly and incorporate user input throughout the process
- Seven deployments of new features are planned through 2016
- Deployments A, B, C, and D have been delivered

CBP encourages trade filers not currently using ACE to begin the transition now

ACE Facts
- More than 53% of entry summaries are being filed in ACE
- More than 90% of service providers who are certified to file entry summaries are certified to file them in ACE

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Remaining Deployments

Deployment E		Deployment F		
June 27, 2015 Increments 8-9		October 31, 2015 Increment 10	January 9, 2016 Increment 11	July 2, 2016 Increment 12
			Deployment G (January 9, 2016 / Increment 11 and July 2, 2016 / Increment 12)	

Manifest Interface with Findings (Increment 11)

Deployment E	Deployment F (Increment 10)	Increment 11	Increment 12
• Automated Entry Types: › 52 • Entries for MOT 70/Pipeline • Entries for MOT 50/Mail • Entries for MOT 60/Hand Carry	• Automated Entry Types: › 02, 06, 07, 12, 21, 22, 23 • Expedited Release (BRASS, FAST, Line Release)	• Diversion Process: National/Local Level • Refactor FTZ • Refactor ISF	• FTZ Admissions
• Automated Entry Summary Types: › 51, 52 • Exporter Accounts • Non-ABI Entry Summary • Refactor Entry Summary Types 01, 03 and 11 • Remote Location Filing (RLF) • System Validations: › Quota	• Automated Entry Summary Types: › 02, 06, 07, 12, 21, 22, 23, 31, 32, 34, 38 • Importer Accounts/5106 Changes • Quota Master Data • Trade Ability to Query Quota via ABI	• SEACATS interfaces • Statements • Transition: › Collections to new ACE Architecture	• AD/CVD Case Management Enhancements • Create Lab Sample Records • Drawback • Liquidation • Protest • HTS Database • NAFTA Duty Deferral • Reconciliation • Refactor Validation Activity Module • Queries for Historical & Archived ACS Data • Transition: › Automated Surety Interface (ASI)
• Export Validation Messages and Holds (Air/Ocean/Rail) • Message Set Translations › IATA2, Air CAMIR		• Transition AES Direct features to ACE	

• AMS
• CDC
• DCMA
• E&C
• EPA   • NHTSA
   • NMFS
   • OTEXA
   • TTB
		• FWS
		• IRS
			• DEA

• BTS • FDA • PHMSA		• BIS • BLS • EIA • OTEXA • FWS • IRS	• FMC • USTR

• AMS
• APHIS (Lacey Act)
• APHIS (Non-Lacey Act -
September 2015)
• ATF
• DDTC
• EPA
• FDA   • NHTSA
   • NMFS
   • TTB
		• USACE
		• CPSC
		• FWS	

		• DDTC (Export Content)	• Data: A/LM, OFM, OES

PGA Readiness for November 1

CBP and 15 PGAs identified with requirements that must be incorporated into ACE in order to meet the November 1 date for mandatory filing of entry and entry summaries
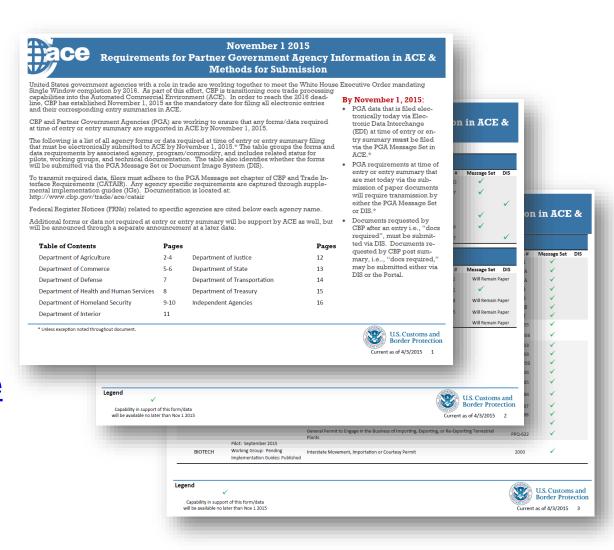
Department	Agency
Department of Agriculture	• Agricultural Marketing Service (AMS) • Food Safety and Inspection Service (FSIS) • Animal and Plant Health Inspection Service (APHIS)
Department of Commerce	• National Marine Fisheries Service (NMFS) • Enforcement and Compliance (E&C)
Department of Defense	• Defense Contracts Management Agency (DCMA)
Department of Health & Human Services	• Centers for Disease Control and Prevention (CDC) • Food and Drug Administration (FDA)
Department of Homeland Security	• U.S. Customs and Border Protection (CBP)
Department of the Interior	• Fish and Wildlife Service (FWS)
Department of Justice	• Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) • Drug Enforcement Administration (DEA)
Department of State	• Directorate of Defense Trade Controls (DDTC)
Department of Transportation	• National Highway Traffic Safety Administration (NHTSA)
Department of Treasury	• Alcohol and Tobacco Tax and Trade (TTB)
Independent Agencies	• Environmental Protection Agency (EPA)

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PGA Forms for November 1

- Lists all forms that must be submitted in ACE in November and the mechanism:
    - PGA Message Set (EDI Transmission)
    - Document Image System (DIS)
- Available at www.cbp.gov/ace

Key Dates for Nov. 1 Readiness

ACE Filings

Date	Readiness Milestone
May 12	Remaining PGA IGs Finalized
May 15	Cargo Release Process and Procedure Document
May 20	Remaining Nov. 1 Functionality Available for Testing (i.e., in CERT)*
June 27	Remaining Nov. 1 Functionality in Production
July 10	Remaining Software Vendors Certified for Cargo Release
Aug 10	Nov. 1 APHIS/Non Lacey Act Functionality Available for Testing
Sep 20	Nov. 1 APHIS/Non Lacey Act Functionality in Production
Ongoing	PGA and Cross Agency Pilots (refer to published PGA/cross-agency pilot schedules)
Nov 1	MANDATORY USE OF ACE FOR ELECTRONIC ENTRY AND RELATED ENTRY SUMMARY FILINGS

* Does not include APHIS-Non/Lacey Act Functionality

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ACE Resources

- Public information 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

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Questions?

For more information
Visit our FAQ Page: http://www.cbp.gov/trade/automated/ace-faq
Email Us: askACE@cbp.dhs.gov