Automated Commercial Environment | Development Schedule

	Increment 1 (February 12 - May 7, 2013)	Increment 2 (May 8 - August 6, 2013)	Increment 3 (August 7 - November 5, 2013)	Increment 4 (November 6, 2013 - February 4, 2014)	Increment 5 (February 5 - May 6, 2014)	Increment 6 (May 7 - August 5, 2014)	Increment 7 (August 6 - November 4, 2014)	Increment 8 (November 5, 2014 - February 3, 2015)	Increment 9 (February 4 - May 5, 2015)	Increment 10 (May 6 - August 4, 2015)	Increment 11 (August 5 - November 3, 2015)	Increment 12 (November 4, 2015 - February 2, 2016)
PRE-ARRIVAL Manifest			• Vessel Management System (VMS)	• Air Manifest Processing › Accept Data and Reply	• Air Manifest Processing	• Air Manifest Processing › Import EDI Air Manifest	• Air Manifest Processing › Import EDI Air Manifest Splits, Departure messages and Notifications › Import UI Air Manifest › Import Air Manifest External Interfaces	• Air Manifest Processing: › EDI for Arrival and Query › In-Bond QX/WX Conversion			• Truck EDI In-transit Manifest Pilot	
ARRIVAL Cargo Release (CR)	• Air Processing › Corrections & Cancellations	• Air Processing › In-Bonds › Partial Quantities › Split Shipments (Hold All & Immediate Delivery) • Upgrade GUI for CBP	• Single Accept/Reject message for system responses • Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partials • Mail Entry Writing System (MEWS) • Data Build-out • Finish Cancellation Process from ACE Entry Summaries to ACE Cargo Release (CR)	• Air , Ocean & Rail Processing › Certified from Entry Summary › Partial Quantities • Truck Processing › Corrections & Cancellations › No In-Bonds › No Partials	• Single CR filing to include ISF data • Diversion Process: National/Local Level • Truck Processing: › In-Bonds › Holds	• GUI Capabilities • Trade Ability to Query Entries via ABI (Cargo / Manifest / Entry Release Query) • Non-ABI Entries • Truck Processing: › Partial Quantities • Diversion Process: National/Local Level	• Non-ABI Entries (con't) • Automated Entry Types: › 03, 21, 22, 23 • Certified from Entry Summary - All Modes (Fix to Deployment C)	• Automated Entry Types: › 02, 07, 12 • CBP-Initiated Corrections • PGA Request for Redelivery	• Automated Entry Types: › 02, 06, 07, 12, 52 • Entries for Mode of Transport: › Mail (50) › Hand Carry (60) › Pipeline (70) • System Validations: › Quota	• Truck Business Rules	• FTZ Admissions • Refactor ISF in ACE • Refactor FTZ • Expedited Release (BRASS, FAST, Line Release)	• FTZ Admissions (2)
POST RELEASE Entry Summary (ES), Accounts & Revenue	• System Validations: › Harbor Maintenance Fee	• System Validations: › Classification • Single Accept or Reject message for system responses	• System Validations: › Simple Duty Calculations	• System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)	• System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees • Electronic Bond Processing (1)	• ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs) • Electronic Bond Processing (2) • Importer Accounts/5106 Changes • Transition Collections to new ACE Architecture (1)	• Refactor Entry Summary Types 01, 03 and 11 • Statements • Electronic Bond Processing (3) • Exporter Accounts • Transition Collections to new ACE Architecture (2)	• Refactor Entry Summary Types 01, 03 and 11 (con't) • Statements (con't) • Exporter Accounts (con't) • Automated Entry Summary Types: › 02, 07, 21, 22 • Quota Master Data • Transition Collections to new ACE Architecture (3)	• Automated Entry Summary Types: › 02, 07 (cont) › 06, 12, 23, 31, 32, 34, 38, 51, 52 • Importer Accounts/ 5106 Changes • Non-ABI Entry Summary • Quota Master Data (con't) • Remote Location Filing (RLF) • Statements (con't) • System Validations: › Quota • Trade Ability to Query Quota via ABI • Transition Collections to new ACE Architecture (4)	• Drawback • HTS Database • Liquidation • Protest • Reconciliation • Transition Collections to new ACE Architecture (5)	• Drawback (2) • HTS Database (2) • Liquidation (2) • Protest (2) • Queries for Historical and Archived ACS data • Reconciliation (2) • SEACATS Interfaces • Transition Collections to new ACE Architecture (6)	• AD/CVD Case Management Enhancements • Create Lab Sample Records • Drawback (3) • Liquidation (3) • NAFTA Duty Deferral • Protest (3) • Queries for Historical & Archived ACS data (2) • Refactor Validation Activity Module • Transition Automated Surety Interface (ASI)
EXPORTS	• AES commodity re-engineering including Census & BIS reg changes	• AES commodity re-engineering including Census & BIS reg changes	• AES commodity re-engineering • Manifest Foundation • AES New Features		• Air Manifest Processing • Transition AES Commodity Capabilities to new ACE Architecture • Transition AES Ocean vessel transportation module to ACE platform	• Air Manifest Processing (Cargo-IMP and Cargo-XML) • Air GUI Updates	• Ocean/Rail Manifest (ANSI X12) Processing • Transition AES Direct › Create ACE Portal User Interface	• Export Validation Messages and Holds (Air/Ocean/Rail) • Message Set Translations › Ocean CAMIR • Transition AES Direct › Maintain Filing Data in Response Manager	• Transition AES Direct › EEI Template Manager and Party Profile Manager • Message Set Translations › IATA2	• Message Set Translations › Unified XML Multi Modal Manifest Set › Air CAMIR • Transition AES Direct › Additional Filing Functions • Export Validation Messages and Holds (Air)		
PGA INTEGRATION — Document Image System (DIS)	• APHIS • CDC • EPA • FSIS • NMFS				• APHIS • CDC	• FWS		• AMS • CDC • DCMA • E&C • EPA (Vehicles & Engines, Pesticides) • FSIS • NMFS (Highly Migratory Species, Antarctic Marine Living Resources) • NHTSA • OTEXA • TTB		• IRS		• DEA
Interoperability Web Services (IWS) and Other Data Feeds	• FSIS • CPSC • USCG	• APHIS (Streamlined Findings Input)	• APHIS (Streamlined Findings Input)		• AMS • NMFS • TTB	• NHTSA	• APHIS (309)	• APHIS (EAN) • FDA • FCC	• BTS • FDA • PHMSA	• ATF • BIS • EIA • OTEXA	• BLS • DDTC • DEA • FWS • IRS	• E&C • FMC • USTR
PGA Message Set	• EPA (Ozone Depleting Substances)	• EPA (Vehicles & Engines) • FSIS (Application for Inspection)			• APHIS (Lacey Act) • CDC (Human Blood) • FDA (Start) • NHTSA • NMFS • EPA (Pesticides) • EPA (Vehicles & Engines)	• FDA	• AMS • FDA • APHIS (Core)	• AMS • APHIS (Lacey Act) • ATF • DDTC • EPA • FDA • NMFS (Highly Migratory Species, Antarctic Marine Living Resources) • NHTSA • TTB		• APHIS (Core) • FDA	• DEA • FWS	• FWS • CDC • CPSC • NRC • OMC
Other Data Exchange Types			• Data: Census, NRC	• BIS (Export: Licensing Forms)	• EPA (Exports: Haz. Waste) • AMS (Exports: Apples & Grapes)		• DEA (Exports: Precursor and Controlled Chemical Shipments) • OFAC (Export: Licensing Forms)			• DDTC (Export Content)		

Continue with post-core development.

TECHNICAL SERVICES

ABI Profiles | Critical fixes | Document Image System | Reports | Logging and audit services | Miscellaneous technical services | Security services

Schedule subject to change. Current schedule available on CBP.gov/ACE.
Certification environment for testing planned 8 weeks ahead of deployment.

Automated Commercial Environment | Deployment Schedule

	Deployments A – E			Deployment E			Deployment F		Deployment G		
ace	November 2, 2013 – January 3, 2015 Increments 1 – 7			June 27, 2015	July 11, 2015 Increments 8-9	August 8, 2015	October 31, 2015 Increment 10		January 9, 2016 Increment 11	February 27, 2016	July 2, 2016 Increment 12

PRE-ARRIVAL / Manifest

Dep. B • Vessel Management System (VMS)	**Dep. C** • Air Manifest Processing					• Truck EDI In-transit Manifest Pilot		

ARRIVAL / Cargo Release

Dep. A
- Air Processing
  › Corrections & Cancellations
  › In-Bonds
  › Partial Quantities
  › Split Shipments (Hold All & Immediate Delivery)
- Upgraded GUI for CBP Personnel

Dep. B
- Ocean/Rail Processing
  › Corrections & Cancellations
  › No In-Bonds
  › No Partials
- Single Accept/Reject message for system response
- Mail Entry Writing System (MEWS)

Dep. C
- Air Processing
  › Certified from Entry Summary
- Ocean/Rail Processing
  › In-Bonds
  › Partials
  › Certified from Entry Summary
- Truck Processing
  › Corrections & Cancellations
  › No In-Bonds
  › No Partials

Dep. D
- Single CR filing to include ISF data
- Trade Ability to Query Entries via ABI (Cargo/Manifest/Entry Release Query)
- Truck Processing
  › Partial Quantities
  › In-Bonds
- Non-ABI Entries
- Automated Entry Types:
  › 03
- Certified from Entry Summary - All Modes (Fix to Deployment C)

Dep. E
- CBP-Initiated Corrections
- PGA Request for Redelivery

(July 11, 2015 Increments 8-9):
- Entries for Mode of Transport:
  › Mail (50)
  › Hand Carry (60)
  › Pipeline (70)
- System Validations:
  › Quota

(August 8, 2015):
- Automated Entry Types:
  › 52

(October 31, 2015 Increment 10):
- Expedited Release (BRASS, FAST, Line Release)

(January 9, 2016 Increment 11):
- Diversion Process: National/Local Level
- Refactor FTZ
- Refactor ISF

(February 27, 2016):
- Automated Entry Types:
  › 02, 06, 07, 12, 21, 22, 23

(July 2, 2016 Increment 12):
- FTZ Admissions

POST RELEASE / Entry Summary, Accounts & Revenue

Dep. A
- System Validations:
  › Harbor Maintenance Fee
  › Classification
- Single Accept or Reject message for system responses

Dep. B
- System Validations:
  › Simple Duty Calculations

Dep. C
- System Validations:
  › Complex Duty Calculations
  › Merchandise Processing Fee (MPF)

Dep. D
- System Validations:
  › Informal Entry Restrictions
  › Charges Restrictions
  › Taxes
  › Other Fees
- ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs)
- Electronic Bond Processing:
  › Single Transaction Bonds (STB)
  › Continuous Bonds

(June 27, 2015):
- Exporter Accounts

(August 8, 2015):
- Automated Entry Summary Types:
  › 51, 52
- Non-ABI Entry Summary
- Refactor Entry Summary Types 01, 03 and 11
- Remote Location Filing (RLF)
- System Validations:
  › Quota

(October 31, 2015 Increment 10):
- Quota Master Data
- Trade Ability to Query Quota via ABI

(January 9, 2016 Increment 11):
- Importer Accounts/5106 Changes
- SEACATS interfaces
- Statements
- Transition:
  › Collections to new ACE Architecture

(February 27, 2016):
- Automated Entry Summary Types:
  › 02, 06, 07, 12, 21, 22, 23, 31, 32, 34, 38

(July 2, 2016 Increment 12):
- 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)

EXPORTS

Dep. C
- Commodity Processing
  › Support for Census and BIS Regulatory Filings

Dep. D
- Air, Ocean and Rail Manifest Processing (Pilots Pending Publication of Federal Register Notices)

Dep. E
- Message Set Translations
  › Ocean CAMIR, IATA2
- Export Validation Messages and Holds (Ocean, Rail)

(August 8, 2015):
- Message Set Translations
  › Air CAMIR (September 2015)

(October 31, 2015 Increment 10):
- Export Validation Messages and Holds (Air)

(January 9, 2016 Increment 11):
- Transition AES Direct features to ACE

PGA INTEGRATION / Document Image System (DIS)

Dep. A
- APHIS
- CDC
- EPA
- FSIS
- NMFS (Antarctic Marine Living Resources, Tuna Tracking)

Dep. D
- APHIS
- CDC

(July 11, 2015):
- AMS
- CDC
- DCMA
- E&C
- EPA
- NHTSA
- NMFS
- OTEXA
- TTB

(January 9, 2016):
- FWS
- IRS

(July 2, 2016):
- DEA

Interoperability Web Services (IWS) and Other Data Feeds

Dep. A
- FSIS
- CPSC
- USCG

Dep. B
- APHIS (Streamlined Findings Input)

Dep. D
- AMS
- NMFS
- TTB
- NHTSA
- APHIS (309)

Dep. E
- APHIS (EAN)

(July 11, 2015):
- BTS
- FDA
- PHMSA

(October 31, 2015):
- ATF

(January 9, 2016):
- BIS
- BLS
- DDTC
- DEA
- EIA
- OTEXA
- FWS
- IRS

(July 2, 2016):
- E&C
- FMC
- USTR

PGA Message Set

Dep. A
- EPA (Ozone Depleting Substances)
- EPA (Vehicles & Engines)
- FSIS (Application for Inspection)

Dep. D
- APHIS Lacey Act
- CDC (Human Blood)
- NHTSA
- NMFS
- EPA (Pesticides)
- EPA (Vehicles & Engines)

Dep. E
- AMS

(July 11, 2015):
- AMS
- APHIS (Lacey Act)
- APHIS (Core - September 2015)
- ATF
- DDTC
- EPA
- FDA
- NHTSA
- NMFS
- TTB

(July 2, 2016):
- CDC
- CPSC
- DEA
- FDA
- FWS
- NRC
- OMC

Other Data Exchange

Dep. B
- Data: Census, NRC

Dep. C
- BIS (Export: Licensing Forms)

Dep. D
- EPA (Exports: Haz. Waste)
- AMS (Exports: Apples & Grapes)

• DEA (Export: Precursor and Controlled Chemical Shipments)
• OFAC (Export: Licensing Forms)

(January 9, 2016):
- DDTC (Export Content)

Vertical milestone notes:
- **May 1, 2015:** Mandatory use of ACE for all electronic manifest filings.
- **November 1, 2015:** Mandatory use of ACE for all electronic cargo release and related entry summary filings *
- **October 1, 2016:** Mandatory use of ACE for all remaining electronic portions of the CBP cargo process.

TECHNICAL SERVICES

ABI Profiles | Critical fixes | Document Image System | Reports | Logging and audit services | Miscellaneous technical services | Security services

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* November 1, 2015	* February 28, 2016	* July 2016
Transition period begins: ACE filing of electronic entry and associated entry summary types 01, 11, 03, 51, 52 with or without PGA data is encouraged.	ACE must be used and ACS will no longer be available for filing of all electronic entries and associated entry summaries. In addition, electronic FDA, NHTSA, APHIS (Lacey) data must be filed in ACE and ACS will no longer be available. Includes types: 01, 02, 03, 06, 07, 11, 12, 21, 22, 23, 31, 32, 34, 51 and 52).	Upon publication of the Final Rule, ACE must be used for filing AMS, APHIS Core, ATF, CDC, DCMA, DDTC, DEA, E&C, EPA, FSIS, FWS, NMFS and TTB data. Hybrid submissions will no longer be allowed.

Version 8.5

Schedule subject to change. Current schedule available on CBP.gov/ACE.
Certification environment for testing planned 8 weeks ahead of deployment.

August 2015

ACE Development & Deployment Schedule Updates
August 2015

Below are the significant changes to the schedule from Version 8.5/July to 8.6/August.

General:
- Added new deployment for February 27, 2016.
- Added footer at bottom of deployment, outlining new mandatory date requirements.

PRE-ARRIVAL Manifest	
ARRIVAL Cargo Release	• Automated Entry Types (02, 07, 12, 21, 22, 23) ○ Moved from Deployment F (Oct) to (Feb) to align with new February 28, 2016 mandatory date.
POST RELEASE (Entry Summary, Accounts, Revenue)	• Automated Entry Summary Types (02, 06, 07, 12, 21, 22, 23, 31, 32, 34, 38) ○ Moved from Deployment F (Oct) to (Feb) to align with new February 28, 2016 mandatory date.
Exports	
PGA INTEGRATION	

Entry Code and Description

00 - Consumption Category
01 - Consumption - Free and Dutiable
02 - Consumption - Quota/Visa
03 - Consumption - Antidumping/Countervailing Duty)
04 - Appraisement
05 - Vessel - Repair
06 - Consumption - Foreign Trade Zone (FTZ)
07 - Consumption - Antidumping/Countervailing Duty and Quota/Visa Combination
08 - NAFTA Duty Deferral
09 - Reconciliation Summary
10 - Informal Category
11 - Informal - Free and Dutiable
12 - Informal - Quota/Visa (other than textiles)
20 - Warehouse Category
21 - Warehouse
22 - Re-Warehouse
23 - Temporary Importation Bond (TIB)
24 - Trade Fair
25 - Permanent Exhibition
26 - Warehouse - Foreign Trade Zone (FTZ) (Admission)
30 - Warehouse Withdrawal Category
31 - Warehouse Withdrawal Consumption
32 - Warehouse Withdrawal - Quota
33 - Aircraft and Vessel Supply (For Immediate Exportation)
34 - Warehouse Withdrawal Antidumping/Countervailing Duty
38 - Warehouse Withdrawal - Antidumping/Countervailing Duty & Quota/Visa Combination
40 - Drawback Category
41 - Direct Identification Manufacturing Drawback
42 - Direct Identification Unused Merchandise Drawback
43 - Rejected Merchandise Drawback
44 - Substitution Manufacturer Drawback
45 - Substitution Unused Merchandise Drawback
46 - Other Drawback
50 - Government Category
51 - Defense Contract Administration Service Region (DCASR)
52 - Government - Dutiable
60 - Transportation Category
61 - Immediate Transportation
62 - Transportation and Exportation
63 - Immediate Exportation
64 - Barge Movement
65 - Permit to Proceed
66 - Baggage
90 - Special Entry Processing - Not in Use