



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	Increment 13 February 3 - May 3, 2016
PRE-ARRIVAL Manifest			<ul style="list-style-type: none"> Vessel Management System (VMS) 	<ul style="list-style-type: none"> Air Manifest Processing Accept Data and Reply 	<ul style="list-style-type: none"> Air Manifest Processing 	<ul style="list-style-type: none"> Air Manifest Processing Import EDI Air Manifest 	<ul style="list-style-type: none"> Air Manifest Processing Import EDI Air Manifest Splits, Departure messages and Notifications Import UI Air Manifest Import Air Manifest External Interfaces 	<ul style="list-style-type: none"> Air Manifest Processing: EDI for Arrival and Query In-Bond QX/WX Conversion 			<ul style="list-style-type: none"> Truck EDI In-transit Manifest Pilot 	<ul style="list-style-type: none"> Truck Single Conveyance User Fee Payment with DTOPS 	
ARRIVAL Cargo Release (CR)	<ul style="list-style-type: none"> Air Processing Corrections & Cancellations 	<ul style="list-style-type: none"> Air Processing In-Bonds Partial Quantities Split Shipments Hold All & Immediate Delivery Upgrade GUI for CBP 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Air, Ocean & Rail Processing Certified from Entry Summary Partial Quantities Truck Processing Corrections & Cancellations No In-Bonds No Partials 	<ul style="list-style-type: none"> Single CR filing to include ISF data Diversion Process: National/Local Level Truck Processing: In-Bonds Hold 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Non-ABI Entries (con't) Automated Entry Types: 03, 21, 22, 23 Certified from Entry Summary - All Modes (Fix to Deployment C) 	<ul style="list-style-type: none"> Automated Entry Types: 02, 07, 12 CBP-Initiated Corrections PGA Request for Redelivery 		<ul style="list-style-type: none"> Truck Business Rules 	<ul style="list-style-type: none"> Expedited Release (BRASS, FAST, Line Release) Data Migration (1) Importer On National Sanction List Multiple Holds USG Message Prior Notice FTZ 06 Update Truck Bill of Lading ABI Queries 	<ul style="list-style-type: none"> Data Migration (2) Non-ABI Entries Remaining Entry Types Accept PGA MS/DIS Input Upgrade for PGA Corrections (1) Air Processing Split Shipments (Update) Certified from Summary Integration 	
POST RELEASE Entry Summary (ES), Accounts & Revenue	<ul style="list-style-type: none"> System Validations: Harbor Maintenance Fee 	<ul style="list-style-type: none"> System Validations: Classification Single Accept or Reject message for system responses 	<ul style="list-style-type: none"> System Validations: Simple Duty Calculations 	<ul style="list-style-type: none"> System Validations: Complex Duty Calculations Merchandise Processing Fee (MPF) 	<ul style="list-style-type: none"> System Validations: Informal Entry Restrictions Charges Restrictions Taxes Other Fees Electronic Bond Processing (1) 	<ul style="list-style-type: none"> ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs) Electronic Bond Processing (2) Importer Accounts/5106 Changes Transition Collections to new ACE Architecture (1) 	<ul style="list-style-type: none"> Refactor Entry Summary Types 01, 03 and 11 Statements Electronic Bond Processing (3) Exporter Accounts Transition Collections to new ACE Architecture (2) 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> Drawback HTS Database Liquidation Protest Reconciliation Transition Collections to new ACE Architecture (5) 	<ul style="list-style-type: none"> Drawback (2) HTS Database (2) Liquidation (2) Protest (2) Data Migration (1) Reconciliation (2) Quota Allocation Transition Collections to new ACE Architecture (6) 	<ul style="list-style-type: none"> Drawback (3) Liquidation (3) Protest (3) Data Migration (2) HTS Query (1) Reconciliation (3) Transition Collections to new ACE Architecture (7) 	<ul style="list-style-type: none"> Liquidation (4) System Validations: Licenses, Permits, and Certificates Protest (4) Data Migration (3) NAFTA Duty Deferral Reconciliation (4) Drawback (4) HTS Query (2) eBond Drawback Bond Decrementation Transition Automated Surety Interface (ASI) Transition Collections to new ACE Architecture (8)
EXPORTS	<ul style="list-style-type: none"> AES commodity re-engineering including Census & BIS reg changes 	<ul style="list-style-type: none"> AES commodity re-engineering including Census & BIS reg changes 	<ul style="list-style-type: none"> AES commodity re-engineering Manifest Foundation AES New Features 	<ul style="list-style-type: none"> Air Manifest Processing Transition AES Commodity Capabilities to new ACE Architecture Transition AES Ocean vessel transportation module to ACE platform 	<ul style="list-style-type: none"> Air Manifest Processing (Cargo-IMP and Cargo-XML) Air GUI Updates 	<ul style="list-style-type: none"> Ocean/Rail Manifest (ANSI X12) Processing Transition AES Direct Create ACE Portal User Interface 	<ul style="list-style-type: none"> Export Validation Messages and Holds (Air/Ocean/Rail) Message Set Translations Ocean CAMIR Transition AES Direct Maintain Filing Data in Response Manager 	<ul style="list-style-type: none"> Transition AES Direct EET Template Manager and Party Profile Manager Message Set Translations IATA2 	<ul style="list-style-type: none"> Message Set Translations Unified XML Multi Modal Manifest Set Air CAMIR Transition AES Direct Additional Filing Functions Export Validation Messages and Holds (Air) 	<ul style="list-style-type: none"> Transition AES Direct Additional Filing Functions (2) (Weblink and Load Prior Filings) Pilot Support Technical Updates 	<ul style="list-style-type: none"> Pilot Support Validations In-Bond Arrival/Export 		
PGA INTEGRATION	<ul style="list-style-type: none"> APHIS CDC EPA FSIS NMFS 					<ul style="list-style-type: none"> APHIS CDC 		<ul style="list-style-type: none"> FWS 	<ul style="list-style-type: none"> AMS CDC DCMA E&C EPA (Vehicles & Engines, Pesticides) FSIS NMFS (Highly Migratory Species, Antarctic Marine Living Resources) NHTSA OTEXA TTB 		<ul style="list-style-type: none"> FWS DEA 		
<ul style="list-style-type: none"> Interoperability Web Services (IWS) and Other Data Feeds 	<ul style="list-style-type: none"> FSIS CPSC USCG 	<ul style="list-style-type: none"> APHIS (Streamlined Findings Input) 	<ul style="list-style-type: none"> APHIS (Streamlined Findings Input) 	<ul style="list-style-type: none"> AMS NMFS TTB 	<ul style="list-style-type: none"> NHTSA 	<ul style="list-style-type: none"> APHIS (309) 	<ul style="list-style-type: none"> APHIS (EAN) FDA FCC 	<ul style="list-style-type: none"> BTS FDA PHMSA 	<ul style="list-style-type: none"> ATF BIS 	<ul style="list-style-type: none"> DDTC FWS 	<ul style="list-style-type: none"> DEA IRS 	<ul style="list-style-type: none"> BLS EIA E&C OTEXA 	
<ul style="list-style-type: none"> PGA Message Set 	<ul style="list-style-type: none"> EPA (Ozone Depleting Substances) 	<ul style="list-style-type: none"> EPA (Vehicles & Engines) FSIS (Application for Inspection) 			<ul style="list-style-type: none"> APHIS (Lacey Act) CDC (Human Blood) FDA (Start) NHTSA NMFS EPA (Pesticides) EPA (Vehicles & Engines) 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> AMS FDA APHIS (Core) 	<ul style="list-style-type: none"> AMS APHIS (Lacey Act) ATF DDTC EPA FDA 	<ul style="list-style-type: none"> NMFS (Highly Migratory Species, Antarctic Marine Living Resources) NHTSA TTB 	<ul style="list-style-type: none"> APHIS (Core) FDA 	<ul style="list-style-type: none"> DEA FWS 	<ul style="list-style-type: none"> FWS (1) CPSC (1) DEA 	<ul style="list-style-type: none"> CPSC (2) FWS (2) OMC
<ul style="list-style-type: none"> Other Data Exchange Types 			<ul style="list-style-type: none"> Data: Census, NRC 	<ul style="list-style-type: none"> BIS (Export: Licensing Forms) 	<ul style="list-style-type: none"> EPA (Exports: Haz. Waste) AMS (Exports: Apples & Grapes) 	<ul style="list-style-type: none"> DEA (Exports: Precursor and Controlled Chemical Shipments) OFAC (Export: Licensing Forms) 			<ul style="list-style-type: none"> DDTC (Export Content) 	<ul style="list-style-type: none"> PGA Functionality DDTC 	<ul style="list-style-type: none"> PGA Functionality ATF DEA FWS TTB NMFS 	<ul style="list-style-type: none"> PGA Functionality ATF DEA FWS TTB NMFS 	
TECHNICAL SERVICES										<ul style="list-style-type: none"> Mobile Apps: Vessel Inspection Form 	<ul style="list-style-type: none"> Mobile Apps: CBP Form 7523 		

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



Automated Commercial Environment | Deployment Schedule

		Deployments A - F				Deployment F		Deployment G	
		November 2, 2013 - October 31, 2015				February 27, 2016 Increment 11		July 2, 2016 Increment 12 and 13	
PRE-ARRIVAL Manifest	Dep. B • Vessel Management System (VMS)	Dep. D • Air Manifest Processing	Dep. F • 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. C • Air Processing › Certified from Entry Summary • Ocean/Rail Processing › In-Bonds › Partial Quantities › Certified from Entry Summary	Dep. D • Single Accept/Reject message for system response • 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 • Entries for Mode of Transport: › Mail (50) › Hand Carry (60) › Pipeline (70) • System Validations: › Quota • Automated Entry Types: › 52	Dep. F • Expedited Release (BRASS, FAST, Line Release) • Importer On National Sanction List • Automated Entry Types: › 06, 23 (Production Oct 17) › 1USG Message • Multiple Holds (Production Oct 17) • Prior Notice (Production Sep 19)				
	Dep. B • Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partial Quantities • Mail Entry Writing System (MEWS)	Dep. D • System Validations: › Harbor Maintenance Fee › Classification • Single Accept or Reject message for system responses	Dep. C • System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)	Dep. E • System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees • ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs)	Dep. F • Non-ABI Entry Summary • Refactor Entry Summary Types 01, 03 and 11 • Remote Location Filing (RLF) • System Validations: › Quota Dep. F • Automated Entry Summary Types: › 06, 23 (Production Oct 17)				
POST RELEASE Entry Summary, Accounts & Revenue	Dep. B • System Validations: › Simple Duty Calculations	Dep. D • Electronic Bond Processing: › Single Transaction Bonds (STB) › Continuous Bonds	Dep. E • Exporter Accounts • Automated Entry Summary Types: › 51, 52						
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	Dep. F • Transition AES Direct features to ACE					
PGA INTEGRATION Document Image System (DIS) Interoperability Web Services (IWS) and Other Data Feeds PGA Message Set	Dep. A • APHIS • CDC • EPA • FSIS • NMFS (Antarctic Marine Living Resources, Tuna Tracking)	Dep. D • APHIS • CDC Dep. E • AMS • CDC • DCMA	Dep. D • E&C • EPA • NHTSA • NMFS • OTEXA • TTB						
	Dep. A • FSIS • CPSC • USCG	Dep. B • APHIS (Streamlined Findings Input)	Dep. D • AMS • NMFS • TTB • NHTSA • APHIS (309)	Dep. E • APHIS (EAN) • BTS • FDA • PHMSA Dep. F • ATF • BIS					
	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	Dep. E • APHIS (Lacey Act) • APHIS (Core - September 2015) • ATF • DDTC • EPA • FDA • NHTSA • NMFS • TTB						
Other Data Exchange	Dep. B • Data: Census, NRC Dep. C • BIS (Export: Licensing Forms)	Dep. D • EPA (Exports: Haz. Waste) • AMS (Exports: Apples & Grapes)	Dep. E • DEA (Export: Precursor and Controlled Chemical Shipments) • OFAC (Export: Licensing Forms)	Dep. F • DDTC (Export Content)					
TECHNICAL SERVICES	Dep. F • Mobile Apps: › Vessel Inspection Form								

November 1, 2015: Beginning of transition period for electronic entry and entry summary filings in ACE *

October 1, 2016: Mandatory use of ACE for all remaining electronic portions of the CBP cargo process.

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

*November 1, 2015
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.

* February 28, 2016
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.

* July 2016
Upon publication of a 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.

**ACE Development & Deployment Schedule Updates
January 27, 2016**

Below are the significant changes to the schedule from 8.7/December 2015 to 8.8/January 2016.

	CAPABILITY	CHANGE
ARRIVAL Cargo Release	Corrections and Cancellations Update	Moved development work from Increment 13 to 12
	Non-ABI Entries: Sectional Releases	Moved development work from Increment 13 to 12
	Certified from Summary Integration	Moved development work from Increment 13 to 12
	Air Processing: Split Shipments (Update)	Shifted Deployment from G (Jul) to F (Feb)
	Informal Entry/Sectionals/Headnotes	Move off of schedule to backlog
	Corrections and Cancellations Update: Display Multiple Entry Versions	Move off of schedule to backlog
	Upgrade for PGA Corrections	Move off of schedule to backlog; removed from Increment 13 and Deployment G
	FTZ Admissions	Move off of schedule to backlog; removed from Increment 12 and Deployment G
PARTNER GOVERNMENT AGENCIES	PGA Message Set	
	FWS	Shifted Deployment from F (Feb) to G (July) (Final Date Pending)
	DEA	Shifted Deployment from F (Feb) to G (July) (Final Date Pending)
	Other Data Exchange Types	
	DEA and FWS	Expanded work from Increment 12 into 13.
	ATF, TTB and NMFS	Expanded work from Increment 13 into 12.
TECHNICAL SERVICES	Mobile App: CBP Form 7523	Shifted Deployment from F (Feb) to G (July)
	Mobile App: ACE Account Form 5106 - Enhance Targeting	Move off of schedule to backlog; removed from Increment 12 and Deployment from F (Feb)
	Mobile App: Vessel Risk List	Move off of schedule to backlog; removed from Increment 12 and Deployment F (Jan)
	Mobile App: Dashboard for Mobile Applications	Move off of schedule to backlog; removed from Increment 12 and Deployment F (Jan)

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