

**Automated Commercial Environment I 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 2, 2014	Increment 5 February 3 - 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
<b>PRE-ARRIVAL</b> (Marine)			• Vessel Management System (VMS)	• Air Manifest Processing • Accept Data and Reply	• Air Manifest Processing	• Air Processing (Cont)	• Transition: • Air System Cutover from AMS to ACE • Transitional Data Synchronization for Air	• Air Manifest • Integration with ACAS	• Transition: • Truck Manifest Foundation to new ACE Architecture • Ocean/Rail Manifest Foundation to new ACE Architecture • Truck Manifest Secondary to new ACE Architecture	• Transition: • Truck Manifest Primary to new ACE Architecture • Ocean/Rail/Truck Holds • Ocean/Rail Cargo • Ocean/Rail Manifest GUI	• Transition: • Conveyance Management for Vessel • Truck Business Rules and Practices • ACE Manifest Ocean/Rail Cutover to new ACE • Transportation Bonds • Truck Cargo Movement (In-Bond, PTT, etc.) • Establish Multi-Modal Relationships Among Bills • Transitional Data Synchronization Truck, Ocean, and Rail	• Transition: • Ocean/Rail Business Rules and Practices • ACE Manifest Ocean/Rail Cutover to new ACE • Rail Consist
<b>ARRIVAL</b> Cargo Release	• 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 responses • Ocean/Rail Processing • Corrections & Cancellations • No In-Bonds • No Partials • Mail Entry-Writing System (MEWS) • Data Roll-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 Manifest • In-Bonds	• GUI Capabilities • Trade Ability to Query Entries via ABI • Foundation • Non-ABI Entries • Cargo Release Queries • Truck Manifest • Partial Quantities	• Non-ABI Entries (cont) • Redelivery Process for CBP/PGA Interactions • Request Demand for Redelivery • Automated Entry Types: • 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 • FTZ Admissions	• CBP-Initiated Corrections • Automated Entry Types: • 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 (cont) • 02 (Quota) • FTZ Admissions (cont)	• Automated Entry Types: • 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 (cont) • 02 (Quota) (cont)		• Manifest Interface w/ Findings	
<b>POST RELEASE</b> Entry Summary, 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: • Informal Entry Restrictions • Changes Restrictions • Taxes • Merchandise Processing Fee (MPF) • Electronic Bond Processing (1)	• System Validations: • ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs) • Transition Automated Surety Interface (ASI) • Electronic Bond Processing (2) • Maritime Accounts • Transition Collectors to new ACE Architecture (1)	• Automated Entry Summary Types: • 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 • Statements (cont) • Transition: • CBP Review Module • Electronic Bond Processing (3) • Exporter & Freight Forwarder Accounts • Enhance CBP Validation Activity Module • Transition Collectors to new ACE Architecture (2)	• Create Lab Sample Records • Liquidation • Quota Master Data • Maritime Accounts (cont) • Automated Entry Summary Types (cont) • 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 • Remote Location Filing (RLF) • Transition Collectors to new ACE Architecture (3)	• Automated Entry Summary Types: • 02 (Quota) • 09 (Reconciliation) • Protest • Quota Restriction • Liquidation (Cont) • Transition Collectors to new ACE Architecture (4)	• Drawback for Historical and Archived ACE data • Antidumping / Countervailing Duty (AD/CVD) Case Management System Enhancements • Transition Collectors to new ACE Architecture (5)	• Drawback (cont) • Enhancements to CBP Mass Updates • Process Entry Summary Types • Monthly Entry Summary • Non-ABI Entry • Transition Collectors to new ACE Architecture (6)	• System Validations: • Fast Usage Restrictions • Licenses, permits, certificates	
<b>EXPORTS</b>	• AES commodity re-engineering including Census & BIS reg changes	• AES commodity re-engineering including Census & BIS reg changes	• AES commodity re-engineering including Census & BIS reg changes • AES New Features	• Air Manifest Processing • Transition AES Commodity Capabilities to new ACE Architecture	• Air/Rail Manifest Processing • Hold Processing • Finding Development Processing • Air GUI Updates • AES Ocean Manifest Transition to ACE Platform	• Ocean Manifest Processing • Hold Processing • Finding Development Processing		• Truck Manifest Processing • Hold Processing • Finding Development Processing				
<b>PGA INTEGRATION</b> Document Image System (DIS)	• APMIS • CDC • DCMA • EPA • FSIS • NMFS							• CPSC • FWS	• OTEKA • TSA			• EAC
<b>PGA INTEGRATION</b> Interoperability Web Services (IWS)	• AMS • FSIS • CPSC • USDC			• AMS • NMFS • TTB	• NMFTA • FCC	• FDA	• FDA	• FDA • FWS	• FWS	• ATF • IRS • EIA • EAC, OTEKA	• BIS • IRS	• FMC • USTR
<b>PGA INTEGRATION</b> PGA Message Set	• EPA (Gzone Depleting Substances)	• EPA (Vehicles & Engines) • FSIS (Application for Inspection)		• NMFS	• APMIS Legacy Act • CDC (Human Blood) • FCC • FDA (Start) • NMFTA • EPA (Pesticides & Engines)	• FDA	• FDA	• AMS • FDA • FWS	• APMIS (EAN) • FAS • TTB	• EAC (New Licensing) • USACE		
<b>PGA INTEGRATION</b> Other Data Exchange Types	• APMIS (Streamlined Findings Input)	• Data: Census, NRC • APMIS (Streamlined Findings Input)	• BIS (Export Licensing Forms) • DOTC (Export Content)	• BIS (Export Licensing Forms) • DOTC (Export Content)	• Portal Access: • FTZB • EPA (Exports, Hazmat) • AMS (Exports, Apples & Grapes) • NMFTA • EPA (Pesticides & Engines)	• Data: MARAD, FAA, FHWA • APMIS (209) • ATF • DEA (Exports, Precursor and Controlled Chemical Shipments) • NMFS (Export Licensing Forms) • OFAC (Export Licensing Forms)	• Portal Access: EAC (AD/CVD) • APMIS (EAN) • DSCA (Export, Foreign Military Sales)	• BIS • FWS (Export Licensing Forms) • PRMSA	• BIS (Export Determination) • DOTC (Export Content)			• Data: A/LM, OFM, OES
<b>TECHNICAL SERVICES</b>	ABI Profiles   Critical files   Document Image System   Reports   Logging and audit services   Miscellaneous technical services   Security services											

Continue with non-core development.

Schedule subject to change.  
Certification environment for testing planned 6 weeks ahead of deployment.



### Automated Commercial Environment | Deployment Schedule

	Deployment A November 2, 2013 Increments 1 and 2	Deployment B January 4, 2014 Increment 3	Deployment C April 5, 2014 Increment 4	Deployment D July 12, 2014	Deployment E October 18, 2014 Increments 5, 6 & 7	Deployment F January 3, 2015	Deployment G July 4, 2015 Increments 8 and 9	Deployment H January 2, 2016 Increments 10 and 11	Deployment I July 2, 2016 Increments 12
<b>PRE-ARRIVAL Manifest</b>		• Vessel Management System (VMS)				• Air Manifest Processing		• Ocean, Rail Manifest Processing • In-Bonds • Truck Manifest Processing • In-Bonds • Holds • Establish Multi-Modal Relationships Among Bills	
<b>ARRIVAL Cargo Release</b>	• Air Processing • Corrections & Cancellations • In-Bonds • Partial Quantities • Split Shipments (Hold All & Immediate Delivery) • Upgraded GUI for CBP Personnel	• Ocean/Rail Processing • Corrections & Cancellations • No In-Bonds • No Partials • Single Accept/Reject message for system response • Mail Entry Writing System (MEWS)	• 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	• Single CR filing to include ISF data	• Diversions	• Truck Processing • In-Bonds • Partial Quantities • Certified from Entry Summary • Trade Ability to Query Entries via ABI • Redelivery Process for CBP/PGA Interactions • Ability to request demand for delivery • GUI Capabilities • Non-ABI Entries	• Automated Entry Types: • 06, 08, 09, 21, 22, 23, 31, 34, 38, 51, 52 • 02 (Quota) • FTZ Admissions • CBP-Initiated Corrections		
<b>POST RELEASE Entry Summary, Accounts &amp; Revenue</b>	• System Validations: • Harbor Maintenance Fee • 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	• ACE ES Foundation and Framework Stabilization (PRs, CRs, IRs)	• Statements • Electronic Bond Processing: • Single Transaction Bonds (STB) • Continuous Bonds • Transition Automated Surety Interface (ASI) • Enhance CBP Validation Activity Module • Exporter & Freight Forwarder Accounts • Process Entry Summary Types: • 06, 08, 21, 22, 23, 31, 34, 38, 51, 52	• Create Lab Sample Records • Protest • Process Entry Summary Types: • 06, 08, 21, 22, 23, 31, 34, 38, 51, 52 • 02 (Quota) • 09 (Reconciliation) • Remote Location Filing (RLF)	• Drawback • Process Entry Summary Types: • Monthly Entry Summary • Non-ABI Entry • Enhancements to CBP Mass Updates • Antidumping / Countervailing Duty (AD/CVD) Case Management System Enhancements • Transillon: • Collections to new ACE Architecture	• System Validations: • Tariff Usage Restrictions • Licenses, permits, certificates
<b>EXPORTS</b>			• Commodity Processing • Support for Census and BIS Regulatory Filings		• Air Manifest Processing • Hold Processing • Finding Development Processing	• Ocean/Rail Manifest Processing	• Truck Manifest Processing		
<b>PGA INTEGRATION</b>									
Document Image System (DIS)	• APHIS • CDC • DCMA • EPA • FSIS • NMFS								
Interoperability Web Services (IWS)	• AMS • FSIS • CPSC • USCG			• AMS • NMFS • TTB	• NHISA • FCC	• FDA	• FDA • FWS	• ATF • IRS	• E&C
PGA Message Set	• EPA (Ozone Depleting Substances) • EPA (Vehicles & Engines) • FSIS (Application for Inspection)		• NMFS		• APHIS Lacey Act • CDC (Human Blood) • FCC • FDA (Start) • NHISA • EPA (Pesticides) • EPA (Vehicles & Engines)	• FDA	• AMS • APHIS (EAN) • FAS • FDA • FWS • TTB	• BLS • EIA • E&C, OTEKA • IRS	• FMC • USTR
Other Data Exchange	• Data: Census, NRC • APHIS (Streamlined Findings Input)	• Data: Census, NRC • APHIS (Streamlined Findings Input)	• BIS (Export Licensing Forms) • DOTC (Export Content)		• Portal Access: • FTZB • EPA (Exports, Hazmat) • AMS (Exports, Apples & Grapes)	• Data: MARAD, FAA, FHWA • AMS • APHIS (309) • ATF • DEA (Exports, Precursor and Controlled Chemical Shipments) • NMFS (Export Licensing Forms) • OFAC (Export Licensing Forms)	• Portal Access: (AD/CVD) • APHIS (EAN) • BIS • FWS (Export Licensing Forms) • PHMSA • DSCA (Export, Foreign Military Sales)	• BIS (Export Decrementation) • DOTC (Export Content)	• Data: A/LM, OFM, OES
<b>TECHNICAL SERVICES</b>	ABI Profiles   Critical fixes   Document Image System   Reports * Logging and audit services   Miscellaneous technical services   Security services								

May 1, 2015: Mandated use of ACE for all electronic manifest filings.

November 1, 2015: Mandated use of electronic Cargo Release and associated Entry Summary.

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