## Notional Schedule for Automated Commercial Environment (ACE) Deployments

<table>
<thead>
<tr>
<th>Capabilities</th>
<th>Users Impacted</th>
<th>Target Deployment (Subject to Change)</th>
<th>Capability Highlights</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CBP</td>
<td>Trade</td>
<td>PGA</td>
</tr>
</tbody>
</table>
| Real-time Automated Surety Interface (ASI) |   |   |   | December 5, 2020 | - This enhancement will provide additional, more detailed messages via the Bond Status (BS) message compared to what the existing BS messages provide, including cargo release and entry summary information in real time to sureties and surety agents when a predefined event occurs. These new BS messages will no longer be considered “test messages” as the existing BS messages will be decommissioned.  
- Includes EDI impacts. |
| Broker Fee Automation |   |   |   | December 9, 2020 | - Part of the Revenue Modernization effort, this enhancement will automate the collection of triennial status report and fee.  
- No EDI impacts. |
| United States-Mexico-Canada Agreement (USMCA): Drawback Changes |   |   |   | Winter 2020/2021 | - These enhancements will implement new requirements in ACE for processing entries subject to the new U.S. – Mexico – Canada trilateral trade agreement (USMCA).  
- No EDI impacts. |
| Collections – Release 2 |   |   |   | February 5, 2021 | - This functionality will provide for the automated posting of financial transactions for CBP Office of Finance employees.  
- No EDI impacts. |
| Collections – Release 3 |   |   |   | April 2021 | - This functionality relates only to importers that have deferred taxes.  
- This functionality will provide a consolidated billing period with each user’s deferred tax entries listed, eliminating the need to manually track these entries.  
- This functionality will also provide an additional payment option for trade users to pay their consolidated deferred tax bill using their Payer Unit Number (PUN) through the Automated Broker Interface (ABI).  
- Includes EDI impacts for trade users wishing to pay deferred tax bills using ABI and their Payer Unit Number (PUN). |
| Craft Beverage Modernization Act |   |   |   | Spring 2021 | - This enhancement will reduce rates or credits on 92 tariff numbers under Chapter 22 of the Harmonized Tariff Schedule (HTS) and include the ability to compute and validate tax amount, view/edit tax data on Entry Summary via ACE Portal and make data available for data warehouse reporting.  
- Includes EDI impacts. |
| Automated Export System (AES) and National Motor Vehicle Title Information System (NMVTIS) |   |   |   | Summer 2021 | - Enables CBP to access all information on the vehicle from one data query in AES. |

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<tr>
<th>Capabilities</th>
<th>Users Impacted</th>
<th>Target Deployment (Subject to Change)</th>
<th>Capability Highlights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhancements to ACE Truck Manifest – Phase 2</td>
<td>• CBP</td>
<td>Fall 2021</td>
<td>• These enhancements will modernize the CBP-facing truck manifest portal.</td>
</tr>
</tbody>
</table>
| Enhancements to ACE Truck Manifest – Phase 3 | • CBP • Trade | Fall 2021 | • These enhancements will finalize the modernization of ACE Truck Manifest, providing an easy to use and streamlined functionality deployed in ACE and will complete all backend services used for EDI processing.  
• Includes EDI impacts. |
| Ocean House Bill of Lading | • CBP • Trade • PGA | Fall 2021 | • This enhancement will implement functionality within ACE to release ocean cargo at the lowest shipment level.  
• Includes EDI impacts. |
| ACE Secure Data Portal Refactoring | • CBP • Trade • PGA | Fall 2021 | • Modernize the legacy ACE Portal components into a new User Interface, to include Accounts and the supporting applications that remain in the ACE Portal for entry processing.  
• This work does NOT impact manifest functionality.  
• No EDI impacts. |
| USMCA: eCERT onboarding Mexico and Canada | • CBP • Trade | TBD | • This enhancement will implement new requirements in ACE for processing entries subject to the new U.S. – Mexico – Canada trilateral trade agreement (USMCA).  
• Includes EDI impacts. |
| National Broker Permit | • CBP • Trade | TBD | • This enhancement will transition all brokers to a single, national permit, eliminating multiple district permits and waivers.  
• No EDI impacts. |
| Fish and Wildlife Service (FWS) Message Set Implementation | • CBP • Trade • PGA | July 6, 2020* | • This enhancement enables trade users to submit FWS-required data directly to CBP via the FWS Message Set in ACE, supporting FWS efforts to prevent the unlawful import/export of foreign fish, wildlife, and plants.  
• Includes EDI impacts.  
• *Functionality currently deployed to production, pending publication of Federal Register Notice (FRN) by FWS to make use mandatory. |
| Modernizing e214 Online Admission Process – Phase 2, Release 2 (Expanded Zone ID) | • CBP • Trade | September 26, 2020** | • Provides improvements to better facilitate the Foreign Trade Zone (FTZ) admission process and to eliminate older inefficient processes  
• Includes EDI Impacts  
• **Functionality currently deployed to production, Expanded Zone ID will become available January 2021, 120 days following the publication of updated regulations in the Federal Register. |

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<table>
<thead>
<tr>
<th>Date of Change</th>
<th>Description of Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2020</td>
<td>Updated Real-time Automated Surety Interface (ASI) with an anticipated deployment date of December 5, 2020 and updated Capability Highlights</td>
</tr>
<tr>
<td></td>
<td>Updated Broker Fee Automation with an anticipated deployment date of December 9, 2020.</td>
</tr>
<tr>
<td></td>
<td>Added Automated Export System (AES) and National Motor Vehicle Title Information System (NMVTIS) with an anticipated deployment date of Summer 2021.</td>
</tr>
<tr>
<td></td>
<td>Added Modernizing e214 Online Admission Process - Phase 2, Release 2 with capability highlight that the Expanded Zone ID is anticipated to deploy in January 2021.</td>
</tr>
<tr>
<td></td>
<td>Updated Ocean House Bill of Lading with an anticipated deployment date of Fall 2021.</td>
</tr>
<tr>
<td></td>
<td>Updated ACE Secure Data Portal Refactoring with an anticipated deployment date of Fall 2021.</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Increment</th>
<th>First Quarter 2020</th>
<th>Second Quarter 2020</th>
<th>Third Quarter 2020</th>
<th>Fourth Quarter 2020</th>
<th>First Quarter 2021</th>
<th>Second Quarter 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre Arrival</strong></td>
<td><strong>Manifest</strong></td>
<td><strong>Arrival</strong></td>
<td><strong>Cargo Release</strong></td>
<td><strong>Pre Release</strong></td>
<td><strong>Entry Summary</strong></td>
<td><strong>Accounts &amp; Revenue</strong></td>
</tr>
<tr>
<td>1</td>
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<td>Increment 2</td>
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<td>Increment 8</td>
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</tbody>
</table>

**Notional Schedule for Automated Commercial Environment (ACE) Development**

**PRE ARRIVAL MANIFEST**
- Enhancements to Truck Manifest - Phase 1
- Electronic Vessel Manifest Confidentiality
- Modernized e214 Online Admission Process - Phase 2, Release 2
- Secure Flows Initiative
- Enhancements to APTL Workspace - ARMITDS
- Electronic Vessel Manifest Confidentiality
- Modernized e214 Online Admission Process - Phase 2, Release 2
- Enhancements to Truck Manifest - Phase 3

**ARRIVAL Cargo Release CR**
- Broker Management Office (BMO) Functionality
- Mass Processing – Phase 2: Mass Updates
- Bond Usage Table
- Real Time ASI
- DocFile Location – CBP only
- Mass Processing – Phase 2: Mass Updates
- Bond Usage Table
- Real Time ASI
- DocFile Location – CBP only
- Mass Processing: Section 232
- USMCA-HTS Database and SPI Table Updates
- USMCA: Recon Changes to Prevent MPF Refunds
- National Broker Permit
- Real Time ASI
- Broker Fee Automation (RevMod)
- Craft Beverage Modernization Act
- Craft Beverage Modernization Act
- USMCA: Recon Changes to Prevent MPF Refunds
- USMCA: Drawback Changes
- USMCA-eCERT Onboarding MX and CA
- Broker Fee Automation (RevMod)
- Craft Beverage Modernization Act
- USMCA: Drawback Changes
- USMCA-eCERT Onboarding MX and CA
- Craft Beverage Modernization Act

**POST RELEASE Entry Summary, Accounts & Revenue**
- Collections – Release 2
- Collections – Release 3
- Collections – Release 2
- Collections – Release 3
- Collections – Release 2
- Collections – Release 3

**COLLECTIONS**
- Fish and Wildlife
- Fish and Wildlife
- Fish and Wildlife

**PGA**
- Fish and Wildlife
- Fish and Wildlife
- Fish and Wildlife

**Exports**

**Technical Services**

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<thead>
<tr>
<th>Increment</th>
<th>Date Range</th>
<th>Activities</th>
</tr>
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<tbody>
<tr>
<td>Increment 1</td>
<td>November 2019-January 2020</td>
<td>- Enhancements to Truck Manifest - Phase 1 (Apr. 2020)</td>
</tr>
<tr>
<td>Increment 2</td>
<td>February 2020-April 2020</td>
<td>- Electronic Vessel Manifest Confidentiality (May 2020)</td>
</tr>
<tr>
<td>Increment 3</td>
<td>May 2020-July 2020</td>
<td>- Electronic Phytosanitary Integration - Secure Flows Initiative (September 2020)</td>
</tr>
<tr>
<td>Increment 4</td>
<td>August 2020-October 2020</td>
<td>- Enhancements to APTL Workspace – ARM ITDS (September 2020)</td>
</tr>
<tr>
<td>Increment 5</td>
<td>November 2020-January 2021</td>
<td>- Modernized e214 Online Admission Process - Phase 2, Release 2 (September 2020)</td>
</tr>
<tr>
<td>Increment 6</td>
<td>February 2021-April 2021</td>
<td>- Enhancements to ACE Truck Manifest - Phase 2</td>
</tr>
<tr>
<td>Increment 7</td>
<td>May 2021-July 2021</td>
<td>- Enhancements to ACE Truck Manifest - Phase 3</td>
</tr>
<tr>
<td>Increment 8</td>
<td>August 2021-October 2021</td>
<td>- Ocean House Bill</td>
</tr>
</tbody>
</table>

**ARRIVAL**

- **PRE ARRIVAL**
  - **Manifest**
    - Enhancements to Truck Manifest - Phase 1 (Apr. 2020)
- **ARRIVAL**
  - **Cargo Release (CR)**
    - Electronic Vessel Manifest Confidentiality (May 2020)
    - Electronic Phytosanitary Integration - Secure Flows Initiative (September 2020)
    - Enhancements to APTL Workspace – ARM ITDS (September 2020)
    - Modernized e214 Online Admission Process - Phase 2, Release 2 (September 2020)

**POST RELEASE**

- **Entry Summary (ES), Accounts & Revenue**
  - Broker Management Office (BMO) Functionality (Dec. 2019) – CBP only
  - Mass Processing – Phase 2: Mass Updates (Feb. 2020) - CBP only
  - Mass Processing – Phase 3: Updating Generalized System of Preferences (Feb. 2020) - CBP only
  - Bond Usage Table (Mar. 2020) – CBP only
  - DocFile Location (June 2020) - CBP only
  - PSC Enhancement (June 2020)
  - Mass Processing: Section 232 (June 2020)
  - USMCA- HTS Database and SPI Table Updates (July 2020)
  - USMCA - Recon Changes to Prevent MPF Refunds (August 2020)
  - Broker Fee Automation (RevMod)
  - USMCA- Drawback Changes
  - Real Time ASI (December 2020)
  - Collections – Release 2 (February 5, 2021)
  - Collections – Release 3 (April 2021)

**COLLECTIONS**

- Collections – Release 2 (February 5, 2021)
- Collections – Release 3 (April 2021)

**GCA**

- Fish and Wildlife (July 2020)

**PGA**

- Fish and Wildlife (July 2020)

**TECHNICAL SERVICES**

- Fish and Wildlife (July 2020)

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