EV-CIS Software Release Notes, Release 25.0		
Key	Manufacturer Software Release Notes	Industry Sector
Allow Marine Compression-Ignition (CI) Manufacturers to report Parts 1042 and 1043 tests as needed		
EVCIS-8406 EVCIS-8407 EVCIS-8408	New Feature/Functionality: Reporting Environmental Protection Agency (EPA) and International Maritime Organization (IMO) test procedures. Description: Marine CI manufacturers will be able to report whether a test uses EPA or IMO test procedures.	Marine CI
EVCIS-8409, EVCIS-8410, EVCIS-8450, EVCIS-8461, EVCIS-8710, EVCIS-8733, EVCIS-8555	New Feature/Functionality: Business Rules Validation. Description: Marine CI manufacturers will have their submissions validated to ensure that all pollutants are reported based on test procedure.	Marine CI
EVCIS-8411	New Feature/Functionality: Business Rules Validation. Description: Business rules have been modified to disallow particulate matter (PM), greenhouse gas (GHG), carbon monoxide (CO), and hydrocarbon (HC) pollutants for IMO tests.	Marine CI
EVCIS-8434	New Feature/Functionality: Modifications to Engines and Vehicles Compliance Information System (EV-CIS) certification level determinations for Nitrogen Oxide (NOx) test results for EPA, and IMO tests. Description: Marine CI manufacturers will have their certification levels for NOx test results for EPA and IMO tests validated and calculated correctly.	Marine CI
Ensure Proper Marine Compression-Ignition (CI) Certificates are requested and issued without workarounds		
EVCIS-7772, EVCIS-7996, EVCIS-8082, EVCIS-8413, EVCIS-8538	New Feature/Functionality: Validation of new certificate-related fields for Marine CI. Description: New business rules have been added to validate the new certificate-related fields that have been added to Marine CI.	Marine CI
EVCIS-7939	Modified Feature/Functionality: Modification of business rule text. Description: Marine CI manufacturers will see updated text for business rules (RFC-COMP-MCI-BR001 - RFC-COMP-MCI-BR004) in the Request for certificate/Request for Certificate Summary Information update (RFC/RUC) report module.	Marine CI
EVCIS-7926, EVCIS-7926, EVCIS-7927, EVCIS-7931, EVCIS-7969, EVCIS-8550, EVCIS-8578, EVCIS-8592, EVCIS-8629	New Feature/Functionality: Marine CI certificate type selections. Description: - Marine CI manufacturers are now required to select a certificate type when requesting a Marine CI certificate. - Marine CI manufacturers are now required to justify selecting IMO Tier 2 after 2015. - Marine CI manufacturers are now required to justify selecting certificate of conformity only. - Marine CI manufacturers will be required to justify selecting Engine International Air Pollution Prevention (EIAPP) only.	Marine CI
EVCIS-7924	New Feature/Functionality: Indication of pre-existing EIAPP certificate. Description: Marine CI manufacturers will be required to indicate if an EIAPP certificate already exists for their Marine CI family.	Marine CI
EVIS-7772	Modified Feature/Functionality: Modification of business rules. Description: Marine CI business rules have been modified to remove the model year constraints imposed on EIAPP-only submissions by MCI-BR002.	Marine CI

| EVCIS-8556 | New Feature/Functionality: NOx technical files are now included in previously certified engine family RFC's.

Description - Manufacturers will now be able to include a NOx Technical File in an RFC/RUC submission that was submitted for a previously certified engine family if the families have the same original IMO engine family. | Marine CI |
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| **Heavy-Duty Engines (HDE) Maintenance and Enhancements** | | |
| EVCIS-8368 | New Feature/Functionality: New prompt label text on the HDE test tab.

Description: Heavy-Duty Engine manufacturers will see new prompt label text that reads.
- "Select the device(s) that regenerated during the steady-state test:"
- "Select the device(s) that regenerated during the cold start segment of the transient test:"
 - "Select the device(s) that regenerated during the hot start segment of the transient test:" | Heavy-Duty Engines |
| EVCIS-7453 | Issue: Datasets containing only carryover tests cannot be submitted successfully.

Solution: Fixed an issue by modifying business rules (HDH-ENG-BR178 and HDH-ENG-BR179) to require durability data for non-carryover tests only. | Heavy-Duty Engines |
| EVCIS-4252 | New Feature/Functionality: Optional Infrequent Regeneration Factors (IRAF) and Deterioration Factors (DF).

Description: Heavy-Duty Engine manufacturers are now only required to enter IRAF's and DF's when submitting tests that do not carry over data from EV-CIS. | Heavy-Duty Engines |
| **Heavy-Duty Trailers (HDT) Maintenance and Enhancements** | | |
| EVCIS-8490 | Issue: Box vans with a length of 50.0 feet are being categorized as Long box vans.

Solution: Fixed an issue so HDT manufacturers will see "Short Box" assigned for the Trailer Length Category field for box vans with a length less than or equal to 50.0 feet on the HDT module and Certification Summary Information (CSI) report. | Heavy-Duty Trailers |
| **Heavy-Duty Highway Tractors and Vocational Vehicle (HDV) Maintenance and Enhancements** | | |
| EVCIS-8303 | Issue: Heavy-Duty Highway Vehicle submissions are returning a "does not exist" exception for existing evaporative families.

Solution: Fixed an issue so that HDV manufacturers will have the Evaporative Family Name field validated to ensure that it exists in the system. | Heavy-Duty Vehicles |
| **Light-Duty Maintenance and Enhancements** | | |
| EVCIS-4035 | Issue: Drive cycle speed tolerance criteria & Road Speed fan usage indicator are not required for all test submissions.

Solution: Fixed an issue by making Drive Cycle Speed Tolerance Criteria and Road Speed Fan Usage indicator optional and added a business rule that requires them when appropriate. | Light-Duty |
| EVCIS-7641 | Issue: Meaning of the label on the Light-Duty Corporate Average Fuel Economy (CAFÉ)/GHG Calculation report with the text "Official Value" is unclear.

Solution: Modified the label on the CAFÉ/GHG Calculation report with the text "Official Value without Credits" for both passenger vehicles and light trucks. | Light-Duty |
| **Marine Compression-Ignition (CI) Maintenance and Enhancements** | | |
| EVCIS-8117 | Issue: The Marine CI certification module is randomly selecting Hydrocarbon Certification level results when calculating multiple tests.

Solution: Fixed an issue so that when multiple hydrocarbons are tested the certification level for hydrocarbon will be the highest calculated value. | Marine CI |

EVCIS-7770	New Feature/Functionality: New enumeration for Crankcase Emission (CCE) Discharge Path. Description: Enabled Marine CI manufacturers to indicate that their CCEs are undetermined on the Marine CI test information tab, and added a business rule to ensure that this enumeration is reported only when appropriate.	Marine CI
EVCIS-7565	Issue: Improper truncating of DF's and rounding of cert levels in certain situations. Solution: Fixed an issue so that the DF will be truncated to one more decimal place than the pollutant standard, and certification levels will be rounded to the same number of decimal places as the standard.	Marine CI
EVCIS-4459	Issue: Marine CI manufacturers can enter a Model Production Start Date after the Model Production End Date, and a Parts Usage Start Date after the Parts Usage End Date. Solution: Fixed an issue by modifying business rules to ensure Model Production Start Date is before Model Production End Date, and Parts Usage Start Date is before the Parts Usage End Date.	Marine CI
EVCIS-4442	Issue: The correct number of decimal points for certification levels, standards, and Family Emission Limit (FEL) are not being displayed on Marine CI CSI reports. Solution: Fixed an issue so the correct number of decimal points including trailing zeros are displayed for certification levels, standards, and FEL on the Marine CI CSI report.	Marine CI
EVCIS-8466	Issue: Test cycles of carryover tests are not being displayed on EIAPP certificates. Solution: Fixed an issue so that test cycles of carryover tests will display on EIAPP certificates.	Marine CI
EVCIS-4432	Issue: Marine CI manufacturers received business rule error when entering the correct Introduction of Commerce Date for a reflagged vessel. Solution: Fixed a business rule so that Marine CI manufacturers can enter the date that a vessel reflag engine is subject to U.S. regulation in the Introduction to Commerce Date Field.	Marine CI
EVCIS-439	Issue: An error is generated when the "Are infrequent Regeneration Adjustment Factors being used?" option under the Aftertreatment Devices field on the Emission Control System tab is changed from "No" to "Yes". Solution: Fixed an issue so that Marine CI manufacturers will not cause an exception when the "Are infrequent Regeneration Adjustment Factors being used" option under the "Aftertreatment Devices" field on the emission control system tab is changed from "No" to "Yes".	Marine CI
EVCIS-4474	Issue: Manufacturers of remanufactured and Category 3 engines were incorrectly allowed to indicate that they were using special compliance provision 2. Description: Added a business rule to prevent manufacturers from using special compliance provision 2 when certifying a remanufactured or category 3 engine.	Marine CI
EVCIS-2603	Issue: Marine CI business rules MCI-BR265 and MCI-BR069 are firing for engines being certified under special compliance provisions 2, 3, and 4. Solution: Fixed an issue so that Marine CI business rules MCI-BR265 and MCI-BR069 do not fire for Marine CI submissions with special compliance provisions 2, 3, and 4.	Marine CI
EVCIS- 8735	Issue: The Auxiliary Emission Control Device (AECD) document indicator is not being deleted when Applicable Certificate Type is changed to from 1 or 3 to 2 on General Information tab. Solution: Fixed an issue so the AECD document indicator will be deleted when the Applicable Certificate Type is changed to EIAPP-only .	Marine CI

| EVCIS-4463 | Issue: MCI business rule MCI-BR278 is incorrectly firing and indicating that there is no CO standard prior to the applicability of a CO standard.

Solution: Fixed an issue so that Marine CI manufacturers will not be required to report CO test results before the CO regulation is applicable. | Marine CI |
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| **Motorcycle/All Terrain Vehicles (MC/ATV) CI Maintenance and Enhancements** | | |
| EVCIS-8335 | Issue: MC/ATV business rule MCATV-BR011 is not calculating the most recently certified dataset.

Solution: Fixed a business rule (MCATV-BR011) so that the carryover engine family must exist in EV-CIS as a certified engine family. | MC/ATV |
| EVCIS-4549 | Issue: Permeation Fuel Line and Fuel Tank data is not sorted properly on the MC/ATV CSI report.

Solution: Fixed an issue so that Permeation Fuel Line and Fuel Tank data are properly displayed in order of reference number on the MC/ATV CSI report. | MC/ATV |
| **Nonroad Compression-Ignition (NRCI) Maintenance and Enhancements** | | |
| EVCIS-6753 | Issue: NRCI CSI Report does not display "Transient Combined Adjusted Test Result" with 3 decimal places.

Solution: Fixed an issue so that the Transient Combined Adjusted Test result value is displayed with 3 decimal places. | NRCI |
| **Nonroad Spark-Ignition (NRSI)** | | |
| EVCIS-8464 | Modified Feature/Functionality: Incorrect standards and units of measure are occasionally being displayed on the certificate when mobile/stationary identifier is Part 60 Subpart JJJJ in the standards tab.

Description: NRSI manufacturers will see the correct standard and unit of measure displayed on the certificate when Mobile/Stationary identifier is Part 60 Subpart JJJJ in the standards tab. | NRSI |
| EVCIS-4713 | Issue: Incorrect useful life can be submitted by Small NRSI engine manufacturers; incorrect value is then overwritten by Verify.

Solution: Added a business rule to ensure that useful life corresponds to the appropriate value in Table 1 of Section 1054.107. | NRSI |
| EVCIS-8400 | Issue: NRSI business rule NRSI-EF-BR347 does not consider Fuel Type and Rich Burn/Lean burn Identifier.

Solution: Fixed business rule NRSI-EF-BR347 to reference the Fuel Type and Rich Burn/Lean burn Identifier. | NRSI |
| EVCIS-8261 | Issue: NRSI business rule NRSI-EF-BR322 thru 325 checking fuel types of engine family instead of specific engine configuration.

Description: Business rules will validate test cycles by checking engine configuration fuel types instead of Engine family fuel types. | NRSI |
| **Request For Certificate/Request for CSI Update (RFC/RUC) Maintenance and Enhancements** | | |
| EVCIS-7845 | Issue: EV-CIS is allowing RFC/RUC to be submitted more than once at the same time for the same test group/evaporative family.

Solution: Fixed an issue so that manufacturers will no longer be able to submit an RFC/RUC for a test group/engine/evaporative family that is already in the RFC Queue. | RFC/RUC |
| EVCIS-7940, EVCIS-8469 | Modified Feature/Functionality: New Requested Certificate Type field in RFC/RUC module.

Description: Added Requested Certificate Type field that must now be entered when requesting an RFC/RUC for Marine CI. | Marine CI |