**United States
Environmental Protection
Agency**

Verify Software Release Notes, Release 16.0

Key	Manufacturer Software Release Notes	Industry Sector
DCN: 1530112114-0301		
Common Services		
VERIFY-23446 VERIFY-22460	New Feature/Functionality: Pending Dataset Warning Notifications Description: Manufacturers will receive a warning notification after 15 days to let them know they have a pending Marine CI dataset for a previously certified engine and have not submitted a Request for Certificate. They will be notified that the pending dataset will be removed after 15 days. These notifications will be sent in the increments of 5 days from the initial notification, until it is removed.	Common Services, Marine CI
VERIFY-22463	New Feature/Functionality: Pending Dataset Removal for Marine CI Description: The Verify System will remove a pending Marine CI dataset for a previously certified engine if a Request for Certificate has not been submitted after 30 days.	Common Services, Marine CI
VERIFY-23446	New Feature/Functionality: Pending Dataset Removal Notifications Description: Manufacturers will receive a notification when a pending Marine CI dataset for a previously certified engine has been removed. Email notifications should be sent both to the submitter and via a broadcast email.	Common Services, Marine CI

Verify Software Release Notes, Release 16.0

Key	Manufacturer Software Release Notes	Industry Sector
Light Duty - Tier 3 Modifications		
In-Use Verification Program (IUVP) Vehicle Information		
VERIFY-23087 VERIFY-23100	New Feature/Functionality: Add Light Duty Tier 3 In-Use Verification Program (IUVP) Vehicle Information into Verify Description: Light Duty Manufacturers will be able to enter, review, submit and save Tier 3 information ('Leak Family Identifier' and 'Mileage Since OBD Leak Check Performed') in the In-Use Verification Program (IUVP) Vehicle Information dataset.	Light Duty
VERIFY-23093	New Feature/Functionality: Light Duty Tier 3 In-Use Verification Program (IUVP) Vehicle Information Validation Description: Light Duty Manufacturers submission of Light Duty Tier 3 In-Use Verification Program (IUVP) Vehicle Information will be validated to ensure conformance with data requirements.	Light Duty
In-Use Verification Program (IUVP) Test Information		
VERIFY-23088 VERIFY-23101	New Feature/Functionality: Add Light Duty Tier 3 In-Use Verification Program (IUVP) Test Information into Verify Description: Light Duty Manufacturers will be able to enter, review, submit and save Tier 3 ('E10 Evaporative Test Measurement Method') information in the In-Use Verification Program (IUVP)Test Information dataset.	Light Duty
VERIFY-23096	New Feature/Functionality: Light Duty Tier 3 In-Use Verification Program (IUVP) Test Information Validation Description: Light Duty Manufacturers submission of Light Duty Tier 3 In-Use Verification Program (IUVP) Test Information will be validated to ensure conformance with data requirements.	Light Duty
Footprint		
VERIFY-22987 VERIFY-23099	New Feature/Functionality: Add Light Duty Tier 3 Footprint Information into Verify Description: Light Duty Manufacturers will be able to enter, review, submit and save Tier 3 (NHTSA CAFE Vehicle Classification Information) information in the Footprint dataset.	Light Duty

| VERIFY-23090 | New Feature/Functionality: Tier 3 Light Duty Footprint Information Validation

Description: Light Duty Manufacturers submission of Light Duty Tier 3 Footprint Information will be validated to ensure conformance with data requirements. | Light Duty |
|---|---|---|
| **Compliance Document** | | |
| VERIFY-23089 | New Feature/Functionality: Light Duty Tier 3 Compliance Document in Verify

Description: Light Duty Manufacturers will be able to enter, review, and submit Tier 3 Compliance Document "HD-GHG/CAFC 2b/3 Final Model Year Report" to Verify. | Light Duty |
| **Decision Information** | | |
| VERIFY-23508 | New Feature/Functionality: Light Duty Tier 3 Decision Information into Verify

Description: Light Duty Manufacturers will be able to enter, review, submit and save Exhaust Emission Standard Level "HDV2B200 - Federal Tier 3 HD Class 2b Bin 200" Tier 3 information in the Decision Information dataset. | Light Duty |
| **Test Group** | | |
| VERIFY-23478 | Modified Feature/Functionality: Add Light Duty Tier 3 Test Group Information into Verify

Description: Light Duty Manufacturers will be able to enter, review, submit and save SFTP Federal Composite Compliance Indicator and SFTP LEV-III Composite Compliance Indicator Tier 3 information in the Test Group dataset. | Light Duty |
| VERIFY-23338 | Modified Feature/Functionality: Light Duty Tier 3 Test Group Validation

Description: Light Duty Manufacturers will have their SFTP NMOG+NOx-COMP calculations validated to ensure conformance with data requirements. | Light Duty |
| **Test Information** | | |
| VERIFY-23114 VERIFY-23179 | Problem: Light Duty Tier 3 Test Information Validation

Solution: Light Duty Manufacturers submission of Light Duty Tier 3 Test Information will be validated to ensure conformance with data requirements. | Light Duty |
| VERIFY-23393 | Modified Feature/Functionality: Light Duty Tier 3 Test Information Validation

Description: Light Duty Manufacturers will have their submission of Light Duty Tier 3 NMOG+NOx at the test level not be allowed. | Light Duty |

Supplemental Information		
VERIFY-23166	Modified Feature/Functionality: Add Light Duty Tier 3 Supplemental Information into Verify Description: Light Duty Manufacturers will be able to enter, review, submit and save Tier 3 Road Speed Fan in the Supplemental Information dataset.	Light Duty
VERIFY-23167	Modified Feature/Functionality: Light Duty Tier 3 Supplemental Information Validation Description: Light Duty Manufacturers submission of Light Duty Tier 3 Supplemental Information will be validated to ensure conformance with data requirements.	Light Duty

Verify Software Release Notes, Release 16.0

Key	Manufacturer Software Release Notes	Industry Sector
DCN: 1530112114-0301		
Common/Multiple Industries Maintenance		
VERIFY-19212	Problem: Certificate Number in Light-Duty and NRCI CSI reports was not being updated when a certificate was revised and issued for the second time. This was caused by the fact that the CSI report was generated before the certificate is issued. Solution: Implemented a correction so that the CSI report is generated in the proper sequence and displays the correct Certificate Number. The correction was implemented for applicable industries, Light-Duty and Non-Road Compression Ignition.	Light-Duty, NRCI
Light-Duty Maintenance		
VERIFY-23494	Problem: Manufacturers received an error caused by the CREE and OPT-CREE cert levels in Testgroup going out of bounds due to the dummy values that are assigned by Verify to RND_UNADJ_CREE and RND_UNADJ_OPT-CREE at the Test Info level. Solution: Resolved the bounds error by changing ND_UNADJ_CREE and RND_UNADJ_OPT-CREE at the Test Info dataset level from '9999' to '999'.	Light-Duty
VERIFY-12883	Problem: The Test Group XML was loading into the Manufacturer User Interface screen incorrectly. This problem occurred because as the dataset report was uploaded into the front-end screen, the TestGroupForm was reassigning the engine configuration number (starting with 1) based on the order of the EngineConfigurationDetails in the dataset report, instead of respecting the engine configuration numbers that were assigned. Solution: Changed the way that the EngineConfiguration Details data is sorted so that it is done by engine config number as a dataset report is uploaded.	Light-Duty
Locomotive Maintenance		

VERIFY-22762 VERIFY-23463 VERIFY-23462 VERIFY-23458 VERIFY-23455 VERIFY-23454	Problem: In order to accommodate for Tier 4 line haul and switch locomotives using an Alternate NOx+HC standard, it was necessary to add a NOx+HC FEL Line haul and Switch data element and modify the standards decision table. Solution: Added a NOx+HC FEL Line haul and Switch data element and modified the standards decision table and applicable business rules so that NOx + HC FEL values can be entered for Locomotive submissions using either the MFR user interface or batch submission.	Locomotive
Motorcycle and ATV Maintenance		
VERIFY-23194	Modified Feature/Functionality: Compliance Documents Description: Manufacturers are able to submit "Competition Exemption" compliance documents via the document module.	MC-ATV

Verify Software Release Notes, Release 16.0

DCN: 1530112114-0301		
Key	**Manufacturer Software Release Notes**	**Industry Sector**
Marine CI Manufacurer Submissions for Marine Engines		
VERIFY-23357	New Feature/Functionality: Carryover Engine Family Model Year Description: Marine CI Manufacturers will be able to enter a model year for a carryover engine.	Marine CI
VERIFY-23326	New Feature/Functionality: Carryover Test Data from Pre-Verify Tests Description: Marine CI Manufacturers will be able to carry over test data from tests originally submitted as Pre-Verify tests.	Marine CI
VERIFY-21465	New Feature/Functionality: Carry-Across Durability Information Description: Marine CI Manufacturers will be able to indicate that they are carrying across Durability information for their Marine CI submissions.	Marine CI
Marine CI Manufacurer Submissions for Remanufactured Locomotive Engines		
VERIFY-19801 VERIFY-19960 VERIFY-19959 VERIFY-19805	New Feature/Functionality: Enter Marine CI Remanufactured Locomotive Engine Information into Verify Description: Marine CI Manufacturer will be able to enter, review, submit and save Remanufactured Locomotive Engine information into Verify.	Marine CI
VERIFY-20138	New Feature/Functionality: Guided Interface for Remanufactured Locomotive Engines Information Description: Marine CI Manufacturers will be guided by the user interface as to which Remanufactured Locomotive Engines data elements are required, optional and not allowed.	Marine CI
Marine CI Business Rules & Standards Decision Table for Marine Engines		
VERIFY-22888	Modified Feature/Functionality: Decision Table Standards not Selected for Approved Method or Equivalent Controls Description: Verify will not attempt to select Decision Table Standards when Marine CI Manufacturers submit Approved Method or Equivalent Controls.	Marine CI

VERIFY-22849	Modified Feature/Functionality: Running Change Submissions Description: Marine CI Manufacturers will only be able to submit a running change on a Marine CI certified engine family.	
		Marine CI
Marine CI CSI report		
VERIFY-22720 VERIFY-22994	Modified Feature/Functionality: Marine CI CSI Report Description: Marine CI Manufacturers will receive a CSI Report following a Marine CI submission. The report now includes the following additional information (as applicable): - Remanufactured Locomotive Engines - NOx Mode Cap Calculations	
		Marine CI