Manufacturer Information Redesign Testing Kickoff

March 8, 2021

Agenda

- Introduction
- Testing Information & Documentation
- Timing Requirements
- Data Migration
- Topics Covered During Demo
- Questions?
- Appendix

Manufacturer Information Module Redesign

Introduction

Introduction

- **The Manufacturer Information module is being redesigned to improve the user experience and ensure accurate and complete information for all industries**

  - Production release targeted for Spring 2021. EPA will notify manufacturers when this date is finalized in mid-March

  - IMPORTANT: There are things every manufacturer will have to do before and after the redesigned module is released to production

  - For additional details about the redesigned module, see the October 2020 and January 2021 presentations at https://www.epa.gov/ve-certification/manufacturer-information-redesign

Manufacturer Information Module Redesign

Testing Information & Documentation

Testing Information & Documentation

▶ **The manufacturer testing period is scheduled for Monday, March 8th through Friday, March 12th**

　　▶ Test Environment URL: https://test.epacdx.net

▶ **Testing Feedback meetings will be held at 3pm ET on 3/9/2021 and 3/11/2021**

　　▶ The same meeting connection information will be used for the Testing Feedback meetings as was used for today's Kickoff meeting (or click on the link in the email you received from <u>verify@epa.gov</u> on 2/17/2021)

　　▶ Provide as much detail as possible in the Issue Tracker for each issue or question (e.g., date/time, issue location, screenshots, etc)

　　▶ Email your completed Issue Tracker to <u>verify@epa.gov</u> with "Issue Tracker" in the subject heading, no later than 5pm on the day before each Issue Tracker review meeting (i.e., 5pm Monday and Wednesday). If we do not receive any questions or issues, we will cancel the next day's meeting

Testing Information & Documentation

▶ **The following draft documents can be used for your testing of the redesigned Manufacturer Information module and are available at** https://www.epa.gov/ve-certification/manufacturer-information-redesign

- ▶ Testing Kickoff Presentation

- ▶ Manufacturer Testing Issue Tracker

- ▶ User Acceptance Testing Document

- ▶ Manufacturer Test Scenarios

- ▶ Data Requirements & Business Rules for Manufacturer Information & Specific Industries
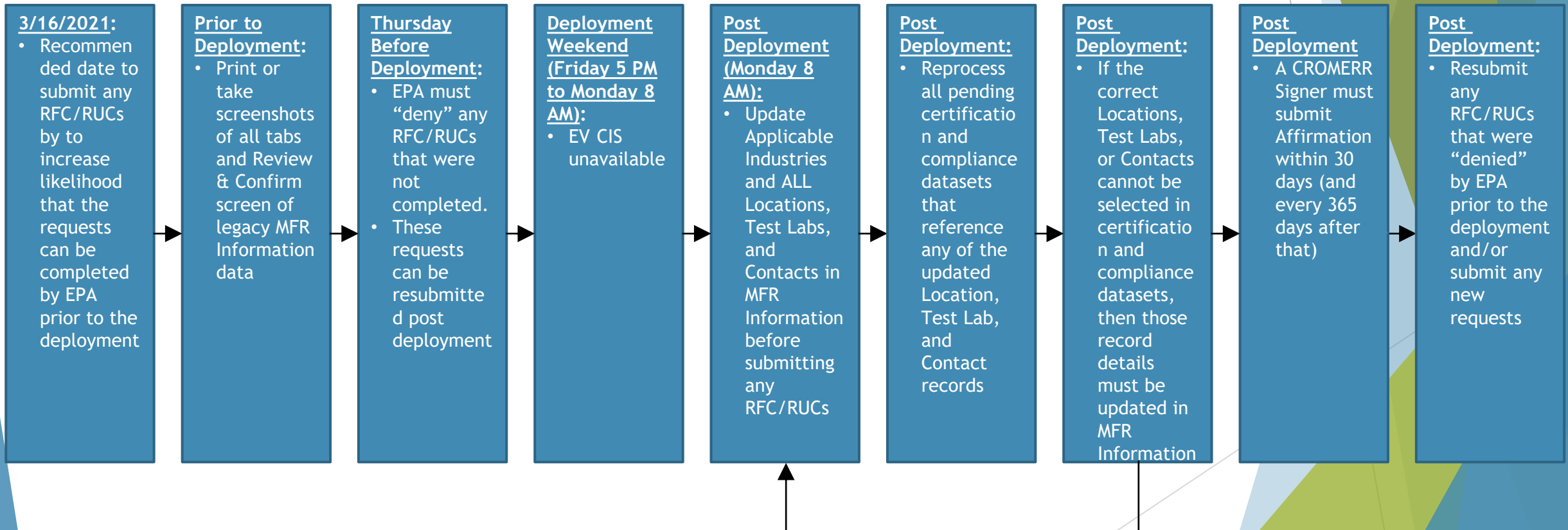
Testing Information & Documentation

▶ **Email the completed EV-CIS User Registration Spreadsheet ASAP if you haven't already done so and wish to participate in this Manufacturer Information testing period, to verify@epa.gov with a subject of "Manufacturer Information Testing"**

 ▶ https://www.epa.gov/sites/production/files/2018-04/ev-cis-user-registration-information-spreadsheet-2018-04.xlsx

 ▶ Having an EV-CIS account in production does not automatically get you an account in the Test environment

 ▶ Users should request the same roles they have in production for testing purposes (e.g., only EV-CIS Submitter, only CROMERR Signer, both EV-CIS Submitter and CROMERR Signer, only CAO, etc.)

 ▶ In order to test the new annual affirmation requirement, one of your testers will need the CROMERR Signer role

Manufacturer Information Module Redesign

Timing Requirements

Manufacturer Information Module Redesign

Timing Requirements For Production Release

3/16/2021:	Prior to Deployment:	Thursday Before Deployment:	Deployment Weekend (Friday 5 PM to Monday 8 AM):	Post Deployment (Monday 8 AM):	Post Deployment:	Post Deployment:	Post Deployment	Post Deployment:
• Recommended date to submit any RFC/RUCs by to increase likelihood that the requests can be completed by EPA prior to the deployment	• Print or take screenshots of all tabs and Review & Confirm screen of legacy MFR Information data	• EPA must "deny" any RFC/RUCs that were not completed. These requests can be resubmitted post deployment	• EV CIS unavailable	• Update Applicable Industries and ALL Locations, Test Labs, and Contacts in MFR Information before submitting any RFC/RUCs	• Reprocess all pending certification and compliance datasets that reference any of the updated Location, Test Lab, and Contact records	• If the correct Locations, Test Labs, or Contacts cannot be selected in certification and compliance datasets, then those record details must be updated in MFR Information	• A CROMERR Signer must submit Affirmation within 30 days (and every 365 days after that)	• Resubmit any RFC/RUCs that were "denied" by EPA prior to the deployment and/or submit any new requests

Manufacturer Information Module Redesign

Data Migration

Data Migration: Applicable Industries

New Separated Industry Name	Legacy Consolidated Industry Name
Heavy-Duty Highway Diesel Engines	Heavy-Duty Highway Gas and Diesel Engines
Heavy-Duty Highway Gasoline Engines	Heavy-Duty Highway Gas and Diesel Engines
Nonroad Evaporative Diurnal	Nonroad Evaporative Components and Equipment/Vessels
Nonroad Evaporative Equipment	Nonroad Evaporative Components and Equipment/Vessels
Nonroad Evaporative Fuel Caps	Nonroad Evaporative Components and Equipment/Vessels
Nonroad Evaporative Fuel Lines	Nonroad Evaporative Components and Equipment/Vessels
Nonroad Evaporative Tanks	Nonroad Evaporative Components and Equipment/Vessels
Nonroad Evaporative Vessels	Nonroad Evaporative Components and Equipment/Vessels

Data Migration: Locations & Test Labs

▶ **Legacy manufacturer information will be migrated as-is to the redesigned module with a few exceptions:**

    ▶ Any information associated with the formerly combined industries will be copied over to <u>all</u> newly separated industries

    ▶ The new Location Type field will be blank for all migrated Locations except for those that are test labs which will have a system-assigned value of "Test Lab"

    ▶ You may see new Locations/Test Labs that were system-generated if you had any test labs in the legacy module that either referenced another manufacturer's test lab or that have a duplicate address with your other test labs

Data Migration: Contacts

▶ **Legacy manufacturer information will be migrated as-is to the redesigned module with a few exceptions:**

- ▶ The values for Contact Role have changed so some Contacts may not have any values selected

- ▶ None of the email addresses entered on the legacy Notification Emails tab will be migrated and will need to be re-entered for specific contacts in the redesigned module

- ▶ All Industry/Compliance Program combinations selected for a Contact will be migrated and the new Notification Indicator will be set to "No"

- ▶ When an Industry/Compliance Program record for a Contact includes one of the legacy combined industries, the same Compliance Programs will be copied to new system-generated records for all the new separated industries

Manufacturer Information Module Redesign

Topics Covered During Demo

Topics Covered During Demo

▶ **Locking Feature: When one user enters the Manufacturer Information module <u>or</u> while submitted updates are still processing, the module will be "locked" so that any subsequent users will only have read-only access**

  ▶ In read-only mode, users will see all the information for their Manufacturer Code on the Review screen

  ▶ CROMERR Signers will <u>not</u> be able to complete the annual affirmation in read-only mode

  ▶ The module will be unlocked as soon as the other user exits the module and as soon as any submitted updates have completed processing

  ▶ <u>Note</u>: In the testing environment only, users will have the option of overriding the Locked status so that multiple users will be able to submit overlapping updates for the same Manufacturer Code. This feature will NOT be available Production.

Topics Covered During Demo

▶ **Business Rules: All Manufacturer Information business rules will be processed real-time after clicking on the Review & Confirm button**

▶ Any business rule errors will be displayed at the top of the Review & Confirm screen and must be resolved in order to submit updates to Manufacturer Information

▶ You will receive a CDX In-box message either after your submission has been accepted by EV-CIS or if the submission fails (i.e., due to communication issues between CDX and EV-CIS)

Topics Covered During Demo

▶ **Business Rules: New Rules in Manufacturer Information, Certification/Compliance Datasets, and Request for Certificate (RFC) module**

  ▶ Any submitter of Manufacturer Information or RFC must have a Contact in Manufacturer Information with the correct Contact Roles selected

  ▶ For a Location or Test Lab to be selected in a certification/compliance dataset, it must be active and have the correct value selected for Location Type

  ▶ For a Contact to be selected in a certification/compliance dataset, it must be active and have the applicable value selected for Contact Role and Industry/Compliance Program

Topics Covered During Demo

- **Business Rules: New Rules in Manufacturer Information, Certification/Compliance Datasets, and Request for Certificate (RFC) module**

  - If RFC/RUC not submitted: Any Locations/Test Labs/Contacts that are selected in the Certification family dataset will result in a business rule warning if the corresponding Location/Test Lab/Contact records are then modified in Manufacturer Information.

  - If RFC/RUC submitted but not certified: Any Locations/Test Labs/Contacts that are selected in the Certification family dataset will result in a business rule error that will prevent the corresponding Location/Test Lab/Contact records from being modified in Manufacturer Information until the RFC/RUC is either approved or deleted/denied

Manufacturer Information Module Redesign

Questions?

Questions?

- **Email any questions about the Manufacturer Information module redesign to verify@epa.gov**
  - Include "Manufacturer Information Redesign" in the subject line of the email

Manufacturer Information Module Redesign

Appendix

EV-CIS Compliance Programs For Each Industry

Industry/Dataset	Applicable Compliance Programs
All-Terrain Vehicles	Averaging, Banking, and Trading, Certification, Confirmatory Testing Defect/Voluntary Emission Recall Reports, Fees, Production Line Testing, Production Volume Report, Selective Enforcement Audits
Heavy-Duty Highway Class 2b/3 Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing Defect/Voluntary Emission Recall Reports, Fees, Fuel Economy – CAFE, Fuel Economy - General Label, In-Use, Production Volume Report, Selective Enforcement Audits
Heavy-Duty Highway Diesel Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Volume Report, Selective Enforcement Audits
Heavy-Duty Highway Evaporative Systems	Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Selective Enforcement Audits
Heavy-Duty Highway Gasoline Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Volume Report, Selective Enforcement Audits
Large Nonroad Spark-Ignition Engines	Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Line Testing, Production Volume Report, Selective Enforcement Audits
Light-Duty Vehicles and Trucks	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, Fuel Economy – CAFE, Fuel Economy - General Label, In-Use, Production Volume Report, Selective Enforcement Audits
Locomotive	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Line Testing, Production Volume Report
Marine Compression-Ignition Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, Production Line Testing, Production Volume Report, Selective Enforcement Audits

EV-CIS Compliance Programs For Each Industry

Industry/Dataset	Applicable Compliance Programs
Marine Spark-Ignition Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Line Testing, Production Volume Report, Selective Enforcement Audits
Nonroad Compression-Ignition Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, In-Use, Production Volume Report, Selective Enforcement Audits, Transitional Program Equipment Manufacturer (TPEM)
Nonroad Evaporative (Diurnal, Equipment, Fuel Caps, Fuel Lines, Fuel Tanks, Vessels)	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees
Nonroad Evaporative Portable Fuel Containers	Certification, Defect/Voluntary Emission Recall Reports, Fees
Off-Highway & On Highway Motorcycles	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, Production Line Testing, Production Volume Report, Selective Enforcement Audits
On-Highway Electric Motorcycles	Certification, Fees, Production Volume Report
Small Nonroad Spark-Ignition Engines	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, Production Line Testing, Production Volume Report, Selective Enforcement Audits, Transitional Program Equipment Manufacturer (TPEM)
Snowmobiles	Averaging, Banking, and Trading, Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, Fees, Production Line Testing, Production Volume Report, Selective Enforcement Audits
Specialty Vehicle Engines	Certification, Confirmatory Testing, Defect/Voluntary Emission Recall Reports, In-Use, Production Volume Report, Selective Enforcement Audits

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Location fields In EV-CIS Datasets

Industry/Dataset	Data Element Name (DE#)	Required Location Type
Heavy-Duty Highway Engines (Diesel, Gasoline) / Certification	Plant Address Identifier (DE 51)	Manufacturing Facility/Assembly Plant
Heavy-Duty Highway Vehicles / Certification	Vehicle Assembly Plant Name (DE 29)	Manufacturing Facility/Assembly Plant
Nonroad SI (Large, Marine, Small) / Certification	Manufacturing Facility(s) (DE 115)	Manufacturing Facility/Assembly Plant
Marine CI / Certification	Manufacturing Plants building these Engines (DE 53)	Manufacturing Facility/Assembly Plant
Nonroad CI / Certification	Manufacturing Plants building these Engines (DE 43)	Manufacturing Facility/Assembly Plant
NRSI Evaporative (Diurnal, Equipment, Fuel Caps, Fuel Lines, Fuel Tanks, Vessels) / Certification	Manufacturing Facilities (DE 81)	Manufacturing Facility/Assembly Plant
Motorcycle-ATV / Certification	Catalyst Manufacturer Name (MC-866)	Third Party

Test Lab Fields In EV-CIS Datasets

Industry/Dataset	Data Element Name (DE#)	Required Location Type
Heavy-Duty Highway Engines (Diesel, Gasoline)/ Certification	Test Laboratory Code (HDH-159)	Test Lab
Heavy-Duty 2b/3 & Light-Duty / Test Information	Verify Test Lab ID (LD-TI-7)	Test Lab
Heavy-Duty 2b/3 & Light-Duty / IUVP Test Information	EV-CIS Test Lab ID (IT-7)	Test Lab
Nonroad SI (Large, Marine, Small)/Certification	U.S. Based Engine Testing Facility(s) (DE 116)	Test Lab
Nonroad SI (Large, Marine, Small)/Certification	Test Lab ID (DE 182)	Test Lab
Marine CI/Certification	U.S. Test Facility (DE 56)	Test Lab
Marine CI/Certification	Test Laboratory Code (DE 171)	Test Lab
Nonroad CI/Certification	Test Laboratory Code (DE 164)	Test Lab
NRSI Evaporative (Diurnal, Equipment, Fuel Caps, Fuel Lines, Fuel Tanks, Vessels)/Certification	Test Lab ID (DE 82)	Test Lab

Contact Fields In EV-CIS Datasets

Industry/Dataset	Data Element Name (DE#)	Industry/Compliance Program	Contact Role
Heavy-Duty Highway Engines (Diesel, Gasoline)/Certification	US Agent for Service Identifier (DE 56)	1 of the HDE Industries/Certification	U.S. Agent for Service
Heavy-Duty Highway Vehicles/Certification	Agent for Service in U.S. Name (DE 33)	HDV/Certification	U.S. Agent for Service
Nonroad SI (Large, Marine, Small)/Certification	Importers Name (DE 109)	1 of the NRSI Industries/Certification	Importer
Nonroad SI (Large, Marine, Small)/Certification	Agent for Service in U.S. Names (DE 111)	1 of the NRSI Industries/Certification	U.S. Agent for Service
Marine CI/Certification	Agent for Service in U.S. Name (DE 54)	MCI/Certification	U.S. Agent for Service
Nonroad CI/Certification	Agent(s) for Service in U.S. (DE 51)	NRCI/Certification	U.S. Agent for Service
NRSI Evaporative (Diurnal, Equipment, Fuel Caps, Fuel Lines, Fuel Tanks, Vessels)/Certification	Agent for Service in U.S. Names (DE 79)	1 of the NRSI Evaporative Industries/Certification	U.S. Agent for Service
Light-Duty Vehicles and Trucks/ Update CAFE/GHG Final Status Indicator	Official Manufacturer Contact (CA-227)	LD/FE-CAFE	Vice President/Senior Official