

# Engines and Vehicles Compliance Information System (EV-CIS)

## Log of XML Schema Changes Made for Marine Compression Ignition Release 33.1 – 01/06/2023

### Purpose

This document identifies modifications for Release 33.1 to the EV-CIS Marine Compression Ignition (MCI) family of schemas.

### Modified XML Files

EN\_VER\_MCI\_CompressionIgnitionDataElements\_v0.95.xsd

### XML Shared Data Element and Data Type File Modifications

The annotation following the data element name references the corresponding data element identifiers in the data requirements (DR) spreadsheet. Note that some data elements may be used in more locations in the schemas than defined in the DR spreadsheet.

### *EN\_VER\_MCI\_CompressionIgnitionDataElements\_v0.95.xsd*

The following data element updates were implemented:

- The complex data type EPAGeneratedNOxModeCapResultDetailsType (MCI-GRP-60) was modified to add ModeIdentifier (MCI-337) with cardinality (1,1).
- The complex data type CertificationTestDetailsType (MCI-GRP-29) was modified to add EPAGeneratedNOxModeCapResultDetails (MCI-GRP-60) with cardinality (0, ∞).
- The complex data type SteadyStateTestResultDetailsType (MCI-GRP-54) was modified to remove EPAGeneratedNOxModeCapResultDetails (MCI-GRP-60).