

EPA Verify Light-Duty Industry Meeting

Verify Release 4a Is Coming This November!

October 2, 2006

Agenda

- **Introduction**
- **Light-Duty Verify Schedule**
- **Overview of Release 4a**
- **CFEIS To Verify Transition Plan**
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Verify Light-Duty Schedule

- **November 27, 2006: Deploy Release 4a**
 - New interface for submission of all compliance data and documents
 - Some new Verify data files and most current CFEIS data files will need to be submitted via Verify
 - New way of submitting all compliance documents, including the Application for Certification
 - New electronic Confirmatory Test waiver process
 - New Verify Request For Certificate process
- **September 2007: Deploy Release 4b**
 - Will include all of the new light-duty Verify data requirements for certification (including both harmonized and CARB-Only requirements), fuel economy, and In Use Verification Data (IUVP) so that CFEIS can be retired

Overview of Release 4a

- All Verify and CFEIS data submissions will be submitted via Verify
 - Verify's Mfr data submission interface uses EPA's Central Data Exchange (CDX)
- New Verify Information:
 - Verify (CDX) User Account Information
 - Manufacturer Information
 - Compliance Document Upload
 - Confirmatory Test Decision Information
 - Request For Certificate
- CFEIS Data:
 - All currently required CFEIS data sets must still be submitted EXCEPT for Applications for Certification (EAP) and Certificate Requests (ACGM)

Overview of Release 4a

- All compliance documents will be submitted to EPA via Verify
- Documents should be submitted in PDF format
 - Unless EPA requested the original working version of the document (such as a spreadsheet)
- Examples of Compliance Documents to be submitted to Verify:
 - Applications for Certification
 - Certification Preview Meeting materials
 - Special request letters needing EPA approval
 - Required compliance reports
 - Any other official compliance documents

Overview of Release 4a

- All database processing reports will only be sent to the submitter's Verify-CDX Inbox
 - For both CFEIS and Verify data submissions
- Confirmatory Test Decisions and Request for Certificate status notifications will additionally be sent to:
 - an email address specified by the mfr and
 - the Verify-CDX Inbox of all users for that same Mfr Code with Light-Duty specified as one of their industries

Overview of Release 4a

- Mfrs will receive the following status notifications for each Request for Certificate:
 - If the test group was approved for automatic certification and was placed in Verify's certificate signing queue
 - If the test group was selected for manual certification review and that the CISC cert rep is notified of the need for manual certification review
 - When the certificate has been signed by the CISC division director
- The PDF copy of the signed certificate will be sent to the Verify-CDX Inbox of all users for that mfr code with light-duty as one of their industries
 - The actual certificate will no longer be included in the external email notification

Overview of Release 4a

- Certificates in Verify will usually be signed electronically. PDF copies of each signed certificate will have:
 - a graphical signature image
 - an embedded EPA digital signature code that can be used to confirm the authenticity of the certificate
- If a certificate is selected for an ink signature, it will be:
 - printed, manually signed, scanned, and then uploaded to Verify as a compliance document where it will have the EPA digital signature embedded
 - Verify will then send the standard notifications to the mfr

Overview of Release 4a

- **Discontinued Functions & Items:**
 - Hard-copy Test Waiver Request
 - CFEIS dial-in modems
 - Mfr CFEIS Inboxes
 - CFEIS ACGM data submissions
 - CFEIS EAP data submissions
 - Certificate email notifications to mfrs will no longer include the PDF of the certificate

Light-Duty CFEIS To Verify Transition Plan

(Draft 10/2/06)

Nov 2006 = Verify Release 4a Sep 2007 = Verify Release 4b Apr 2008 = Full Transition to Verify	MY 2009 Compliance Activities										
	Model Year 2008 Compliance Activities (Certification and Fuel Economy Testing, Confirmatory Testing, Certification, General Label)										
	Model Year 2007 Compliance Activities										
	Model Year 2006 Compliance Activities			MY 2006 CAFE • IUVP Activities			Model Year 2006 IUVP Low and High Mileage Activities (LM due by 1/31/2008)				
	(Release 4a) Nov-06	Dec-06	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07	Jul-07	Aug-07	(Release 4b) Sep-07
CFEIS: Auto Certificate Generation by Mfr (ACGM)	C	--	--	--	--	--	--	--	--	--	--
CFEIS: Electronic Application Submission (EAP)	C	--	--	--	--	--	--	--	--	--	--
CFEIS: In-Use Vehicle and Test Info (IUVP)	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
CFEIS: Shift Schedule	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV
CFEIS: Carline Info	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: Engine System Info (ESI)	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: Evaporative System Info (EvSI)	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: Test Data & Fuel Properties (MTDS)	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: Summary Sheet	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: Vehicle Info (VI)	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: General Label	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07/08)
CFEIS: CAFE	C	CV	CV	CV	CV	CV	CV	CV	CV	CV	CV (MY07)
Verify: Manufacturer Info	--	V	V	V	V	V	V	V	V	V	V
Verify: Confirmatory Test Decision Info	--	V	V	V	V	V	V	V	V	V	V
Verify: Document Submission	--	V	V	V	V	V	V	V	V	V	V
Verify: Request For Certificate	--	V	V	V	V	V	V	V	V	V	V
Verify: In-Use Vehicle and Test Info (IUVP)	--	--	--	--	--	--	--	--	--	--	V
Verify: Shift Schedule Info	--	--	--	--	--	--	--	--	--	--	V
Verify: Basic Vehicle Info	--	--	--	--	--	--	--	--	--	--	V (MY09*)
Verify: Conf Test Emission Standard and DF Info	--	--	--	--	--	--	--	--	--	--	V (MY09*)
Verify: Supplemental Vehicle Info	--	--	--	--	--	--	--	--	--	--	V (MY09*)
Verify: Test Results Info	--	--	--	--	--	--	--	--	--	--	V (MY09*)
Verify: Fuel Properties Info	--	--	--	--	--	--	--	--	--	--	V (MY09*)
Verify: Carline Info	--	--	--	--	--	--	--	--	--	--	V (MY09)
Verify: Certification Summary Info	--	--	--	--	--	--	--	--	--	--	V (MY09)
Verify: Evaporative/Refueling Family Info	--	--	--	--	--	--	--	--	--	--	V (MY09)
Verify: General Label	--	--	--	--	--	--	--	--	--	--	V (MY09)
Verify: CAFE	--	--	--	--	--	--	--	--	--	--	V (MY08)

* Beginning in Sept 2007 (Release 4b), MY07 and MY08 Basic Vehicle Info, CT Emission Standard & DF Info, Fuel Properties Supplemental Vehicle Info, and Test Results Info must also be in Verify if EPA Confirmatory Testing will be conducted.

Legend
C = CFEIS
CV = CFEIS dataset submitted via Verify
V = Verify dataset submitted via Verify
-- = Not Applicable

Release 4a Data Submission Options:

- Verify Web Site URL: <https://cdx.epa.gov/>
 - CFEIS File Upload
 - Interactive Web Site (field-by-field)
 - XML File Upload
- Node-to-Node XML File Transfer

XML Schemas

- Provide a means for defining the structure, content and semantics of XML documents (i.e., the blue print)
- Are to Verify as the CMUG Appendix D input data layouts are to CFEIS
- Necessary if not using Verify's Release 4a interactive web screens for:
 - Confirmatory Test Decision Information
 - Request for Certificate

XML Schemas

- A schema defines:
 - each data element name (e.g., EngineDisplacement)
 - each data element type (e.g., text, integer, etc.)
 - # of permissible values for each data element (exactly one, zero-or-one, etc.)
 - allowable values for a data element, called 'enumerations' (e.g., Inline, Vee, Horizontally Opposed, etc.)
 - groups of related data elements (e.g., multiple data elements would be provided for each Auxiliary Emission Control Device)
 - Other validation requirements
- Note- CFEIS file formats are not being changed with Release 4a

Verify Mfr Code Registration & Demo

- One user from each mfr must request a Manufacturer Code via Verify
 - Mfrs that already have an assigned Mfr Code must also complete this registration process
 - This must be successfully completed before any data can be submitted for that mfr code
 - This user must create a Verify (CDX) User Account before being able to register their mfr code
 - This Verify User Account will not be used for any other Verify data submissions
- Verify only uses the 3-character mfr code that is used in the test group name
 - CFEIS data sets submitted via Verify must still include the existing 4-digit mfr code

Verify User Registration Process & Demo

- A Sponsor Letter must be emailed to Verify@epa.gov for each Mfr Code
- The Sponsor Letter must:
 - be on company letterhead
 - include the assigned 3-character Mfr Code
 - list all users that are authorized to have a Verify user account for that mfr code
 - be signed by a high-ranking official that can be authenticated
 - include the CDX User Registration spreadsheet template that provides basic information about each authorized user
 - A revised Sponsor Letter must be submitted any time a user needs to be added or deleted

CDX User Registration Template

	A	B	C	D	E	F	
	Pre-Registration Form for Users of EPA Verify Data Submission System						
	Please email the following two documents to EPA at: verify@epa.gov						
	(1) A PDF copy of your company's Sponsor Letter on company letterhead that is signed by the compliance manager. This letter must include the applicable 3-character manufacturer code assigned to your company by EPA and must list all users that are authorized to submit data for this manufacturer code; and						
1	(2) this pre-registration form with information about each user that is to have a Verify user account. If additional registrants are needed, copy and paste the tables as needed.						
2	EPA Manufacturer Code (3-character mfr code used in engine family & test group names):						
3							
4	<i>Registrant 1</i>			Registrant 1			
5	Prefix (Dr./Mr./Mrs./Ms)					Please indicate the modules the user is authorized to use.	
6	First name					Compliance Module	
7	Last Name					Yes	No
8	Suffix (Jr/Sr/III/IV)					Edit Manufacturer Information	
9	Organization Name					Heavy-Duty In-Use Testing	
10	Mailing Address 1					Light-Duty Compliance	
11	Mailing Address 2					Locomotive Certification	
13	State					MC/ATV Certification	
14	Zip/Postal Code					Upload Compliance Documents	
15	Country						
16	E-mail						
17	Phone Number						
18							

Verify User Registration Process

- Each user listed in the Sponsor Letter will receive an email from CDX
 - Each user must then call the CDX Help Desk phone # in the email to obtain a Customer Retrieval Key (CRK) which is a unique code assigned to each new user used for security purposes
 - Each user must then click on the CDX link in the email and enter the CRK provided in the previous step and then complete the user profile information
 - Users can then begin submitting data for their mfr code
- Important!- Each Verify-CDX user account can only submit data for one mfr code
 - If a user will be submitting data for more than one mfr code, that user must create a separate Verify-CDX user account for each mfr code.

Demo of Release 4a Web Screens

- CFEIS File Upload
- Confirmatory Test Decision Information
 - Interactive Web Screens
 - XML Batch File Upload
- Request For Certificate

Look for Verify Documentation at:
www.epa.gov/dis

- Documents from today's meeting will be placed in the OTAQ Document Index System (DIS)
- Search for Compliance Document Type of "Verify System Documentation"

Important Next Steps

- **Now:**
 - Register your company's mfr code with Verify
 - Send in the Sponsor Letter and User Information Template for all users authorized to have a Verify user account for the specified mfr code
 - Have each authorized user complete the Verify (CDX) user registration process
- **November 27, 2006: Deployment of Release 4a**
 - Begin submitting all CFEIS data files through the new Verify interface
 - Stop submitting CFEIS ACGM and EAP data files
 - Stop submitting hard-copy Test Waiver Requests
 - Begin submitting Verify Confirmatory Test Decision Information
 - Begin submitting Verify Requests For Certificate
- **Watch for Verify List Server Updates and Release 4b Data Requirements and XML Schemas**

Questions About Verify

- If you have any questions or comments, send an email to:

verify@epa.gov