

Verify Locomotive Certification Workshop

September 21, 2006

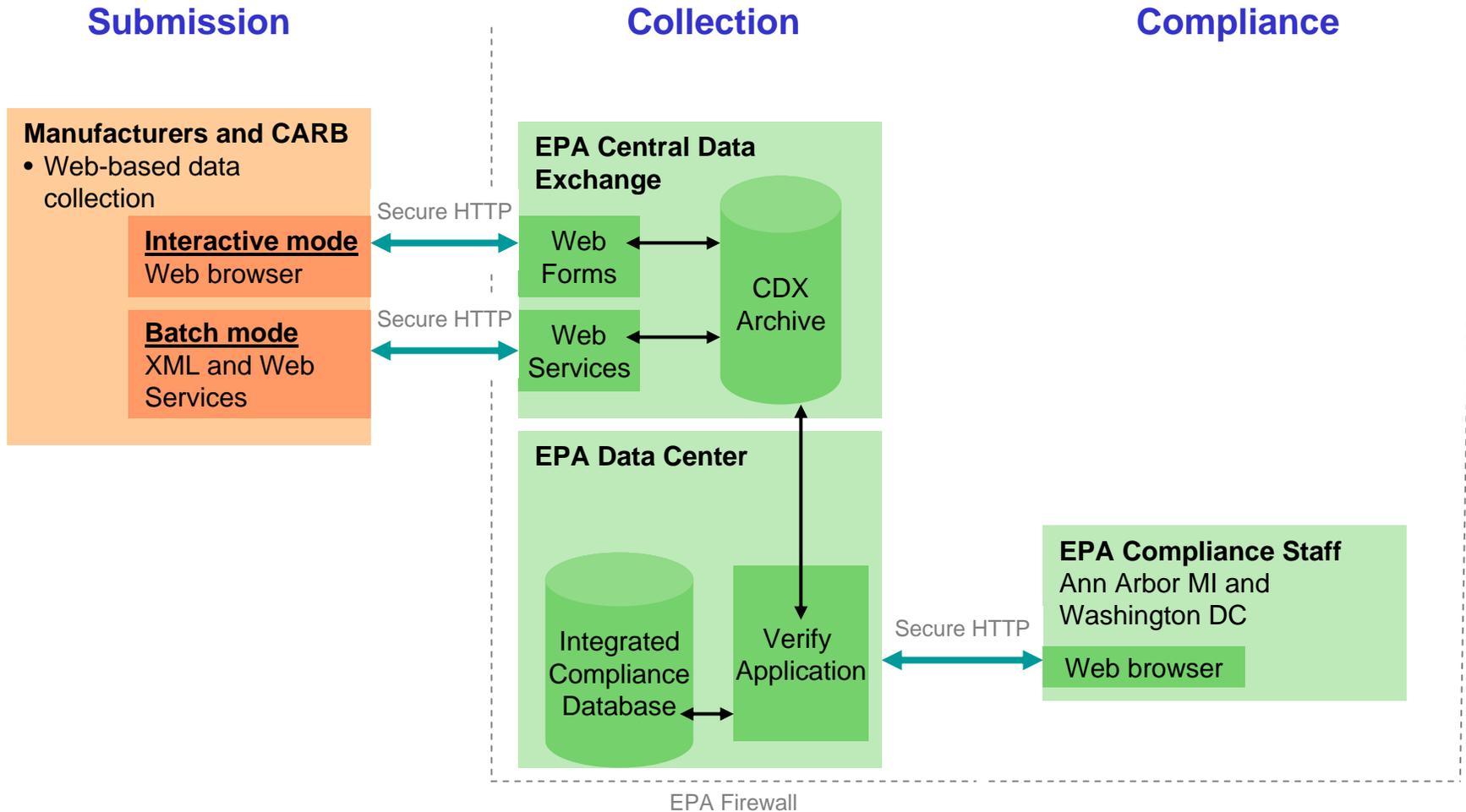
Overview

- **Overview**
- **Background**
- **CDX Demonstration**
- **Certification Application Submittal Demonstration**
- **Request for Certificate Demonstration**
- **Certificate Generation and Distribution**
- **Certification Application Changes**
- **CBI and Data Publication**
- **Schedule**
- **Documents, Links, and Contacts**

Benefits of System Redesign

- **Single integrated compliance information system that:**
 - **Supports batch file and interactive web data submission**
 - **Utilizes web technologies**
 - **Integrates guidance within the system**
 - **Improved data validation**
 - **Employs consistent format and data rules throughout system**
 - **Implement new regulations**

Verify's System Architecture



Data Submission Options

- **Interactive Web Site**
- **XML File Upload**
- **Node-to-Node XML File Transfer**

Demonstrations

<https://cdx.epa.gov/>

- **CDX Demonstration**
 - **Manufacturer Code Registration**
 - **User Account Creation**
- **Certification Application Submittal Demonstration**
- **Request for Certificate Demonstration**

Certificate Issuance Process

- Compliance representatives recommend application approval
- Compliance reps decide if certificate is ink or graphical
- Division director issues certificates

Graphical Signature Process

- Verify embeds EPA's digital signature into PDF copy of the signed certificate
- Verify sends PDF copy of certificate back to Manufacturer's Verify/CDX inbox

Ink Signature Process

- EPA staff prints certificate
- CISD Division Director manually signs certificate
- EPA staff scans signed certificate as a PDF file
- The PDF copy of certificate is imported back into Verify
- Verify embeds EPA's digital signature into PDF copy of the signed certificate
- Verify sends PDF copy of certificate back to Manufacturer's Verify/CDX inbox



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 MODEL YEAR
 CERTIFICATE OF CONFORMITY
 WITH THE CLEAN AIR ACT OF 1990

OFFICE OF TRANSPORTATION
 AND AIR QUALITY
 ANN ARBOR, MICHIGAN 48105

Certificate Issued to: (U. S. Manufacturer or Importer) Certificate Number:	<u>Effective Date:</u>	Compliance and Innovative Strategies Division	<u>Issue Date:</u>
	<u>Expiration Date:</u>		<u>Revision Date:</u>

Engine Family Name:	Vehicle/Engine Category: Locomotive
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Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR 92, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engine which has been found to conform to applicable requirements and which represents the following locomotive engines, by engine family, more fully described in the documentation required by 40 CFR 92 and produced in the stated model year.

This certificate of conformity is conditional upon compliance of said manufacturer with the provisions of 40 CFR Part 92, Subpart D. Failure to comply with these provisions may render this certificate void ab initio.

This certificate of conformity covers only those new locomotive engines which conform in all material respects to the design specifications that applied to those engines described in the Application for Certification required by 40 CFR 92 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR 92.

It is a term of this certificate that the manufacturer shall consent to all inspection described in 40 CFR 92.215(d) and 92.504 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR 92. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void ab initio for other reasons specified in 40 CFR 92.

DRAFT



Make Corrections in Verify

- Corrections can be made at any time prior to requesting a certificate.
- Corrections made after you request a certificate, require the compliance rep to unlock the data set, before Verify will process the correction.
- Corrections require that you resubmit the full data set, so **make sure you save the data set to your desktop prior to submitting.**
- When you make a correction:
 - Reload your last data set
 - Select the desired process code on the General Information page
 - Indicate your changes in the Comments section

Corrections (cont.)



Locomotive Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Mail Print Word Excel Internet Explorer

Address <https://cdx.epa.gov/verify/locomotive/home.jsp> Go

 **U.S. Environmental Protection Agency**

Locomotive Home

Logged in as, JUDYJACKSON. Manufacturer: EPA - EPA (Logout)

MyCDX > Locomotive Home

ICR#1800.03 OMB# 2060-0392

Select the desired compliance module and data processing option below.

- Certification Information Submission
 - [Start New Data Set](#)
 - [Load Existing Data Set](#)
 - [Submit a Batch Data Set](#)
- Certification Request
 - [Request New Certificate](#)

Use this option to resubmit your changes

Note: Your session will time out after 20 minutes. Any data that has not been saved to your local workstation will be lost. Please save your data periodically to prevent any data loss.

You are in an encrypted secure session.

Help Desk: (888) 890-1995
[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

URL: <http://www.epa.gov/epahome/usenotice.htm>

19:53

Done Internet

Start Planner - ADD... Judy Jackson ... 2 Windows ... 2 Microsoft ... 6 Internet ... 3 Adobe Acr ... Microsoft Exc ... Document1 - ... NetWare Mes ... 11:18 AM

Corrections (cont.)



Verify (CDX): Locomotive Home: Certification - Microsoft Internet Explorer

Address: https://cdx.epa.gov/verify/locomotive/cert/generalInformation.jsp

U.S. Environmental Protection Agency

Locomotive Certification

Mr. CDX > Locomotive Home > Certification

Logged in as, JUDYJACKSON. Manufacturer: EPA - EPA (Logout)

Engine Family: Model Year:

* = required field

General Information | Engine Family | Models | Parts | Test | Technical Description

Engine Family Information

Engine Family *	<input type="text"/>	Manufacturer's Engine Family Name *	<input type="text"/>
Model Year *	Select	Certification Type *	Select
Locomotive Engine Category *	Select	Standards Tier *	Select
Application Carryover *	Select	Process Code *	Select
Carryover Engine Family	<input type="text"/>	Certification Fee Paid Date (MMDD/YYYY)	<input type="text"/>
Engine Service Class *	National Freight Line Haul National Freight Switch Local and Regional Freight Passenger		

Comments

19:34

Refresh Print < Previous Next > Save Form Review & Finalize

Done

Start | Planner - ADD... | New Memo - L... | 2 Windows ... | 2 Microsoft ... | 6 Internet ... | 3 Adobe Acr... | Microsoft Exc... | Document1 - ... | NetWare Mes... | 10:50 AM

Select the type of correction you want

Make sure you indicate your changes in the comment section

Confidential Business Information (CBI)



- **Need a new harmonized way to deal with CBI**
- **Proposed list of CBI (sent to Mfrs. 9/6/06)**
 - **Manufacturer's contact info.**
 - **Projected sales**
 - **Production start and end date**
 - **Intro. into commerce date**
 - **Modal hp and fuel rate data**
 - **Technical description including attached documents**
 - **AECD and Adjustable parameter tables**
 - **Comments box**
- **Further discussions**
- **Posting public data**

Schedule

- **Verify available for testing**
 - Now
- **Verify available for certification application submittal**
 - October 2, 2006
- **IMS (Filemaker Pro) system closes for locomotive certification applications**
 - October 31, 2006

Documents & Links

- **Documents**

- **Registration - Larry Oeler message of 09/01/2006**
 - **Verify/CDX User Account Form (spreadsheet)**
 - **New Manufacturer Registration Instructions**
- **CDX User Guide for Locomotive Manufacturers – Coming soon**
- **JoinVerifyListserver.doc**
- **Locomotive XML Schema**

- **Links**

- **<https://cdx.epa.gov/>**
- **http://www.epa.gov/otaq/regs/roadbike/new_mfr_reg_code.pdf**

Contacts

- **verify@epa.gov**
- **CDX Help Desk, epacdx@csc.com, (888) 890-1995**
- **Larry Oeler, oeler.larry@epa.gov, (202) 343-9289**
- **Carl Wick, wick.carl@epa.gov, (202) 343-9331**
- **Joe Hresko, hresko.joe@epa.gov, (202) 343-9275**
- **Sandra Somoza, somoza.sandra@epa.gov, (734) 214-4704, (Manufacturer Registration)**