

Overview of DVER Application & Enhancements

Information Services Programs



UIIA
UNIFORM INTERMODAL
INTERCHANGE AND FACILITIES
ACCESS AGREEMENT



BOES
BAD ORDER
EQUIPMENT STATUS



TFS
TERMINAL
FEED SERVICE



DVER
DRIVER VEHICLE
EXAMINATION REPORT



IANA
INFORMATION SERVICES



SIA
STREET INTERCHANGE
APPLICATION



DVIR
DRIVER VEHICLE
INSPECTION REPORTING



IDD
INTERMODAL
DRIVER DATABASE

Industry APIs available for all services



GIER
GLOBAL INTERMODAL
EQUIPMENT REGISTRY

DVER System – Purpose

- Provide Intermodal Equipment Providers (IEPs) and Motor Carriers (MC) with notification that a Driver Vehicle Examination Report (DVER) has been issued for intermodal equipment.
- Sends violation detail via XML, as well as e-mail PDF delivery to all relevant parties.
- API available for system integrations.
- Provide electronic method for industry to communicate with enforcement & vice versa.
- Gives ongoing web portal access for DVER management, storage, lookups, retrieval and reporting for the industry.

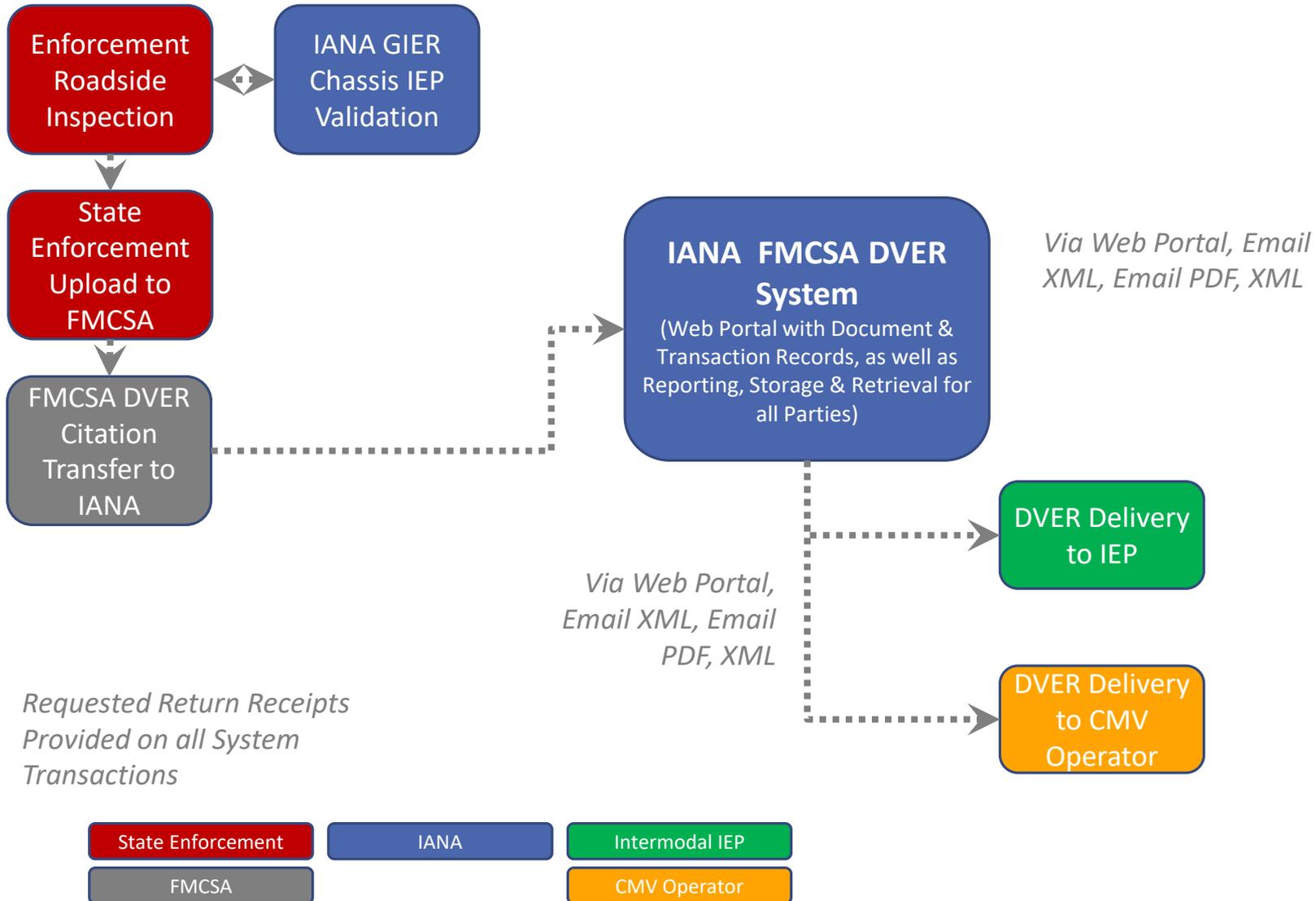
Why is the system needed?

- Overall costly administration of manual “paper-like” processes for CMV operators.
- **Intermodal Drivers are required to supply a copy of the citation to the MC and IEP.** The intent of the regulation, per FMCSR 396.9 (d)(1), is that this should ideally occur within **24 hours of receipt**. However, this process has proved operationally difficult.
- **Within 15 days** following the date of the inspection, the **MC or IEP must physically certify on the form that all violations have been corrected, return a copy of the form to the issuing agency at the address on the form, and retain a copy for 12 months.** IEPs are finding it difficult to meet this timeline due to inefficient paper based processes.
- Validation of potentially inaccurate IEP identification on the DVER.

How did IANA get involved?

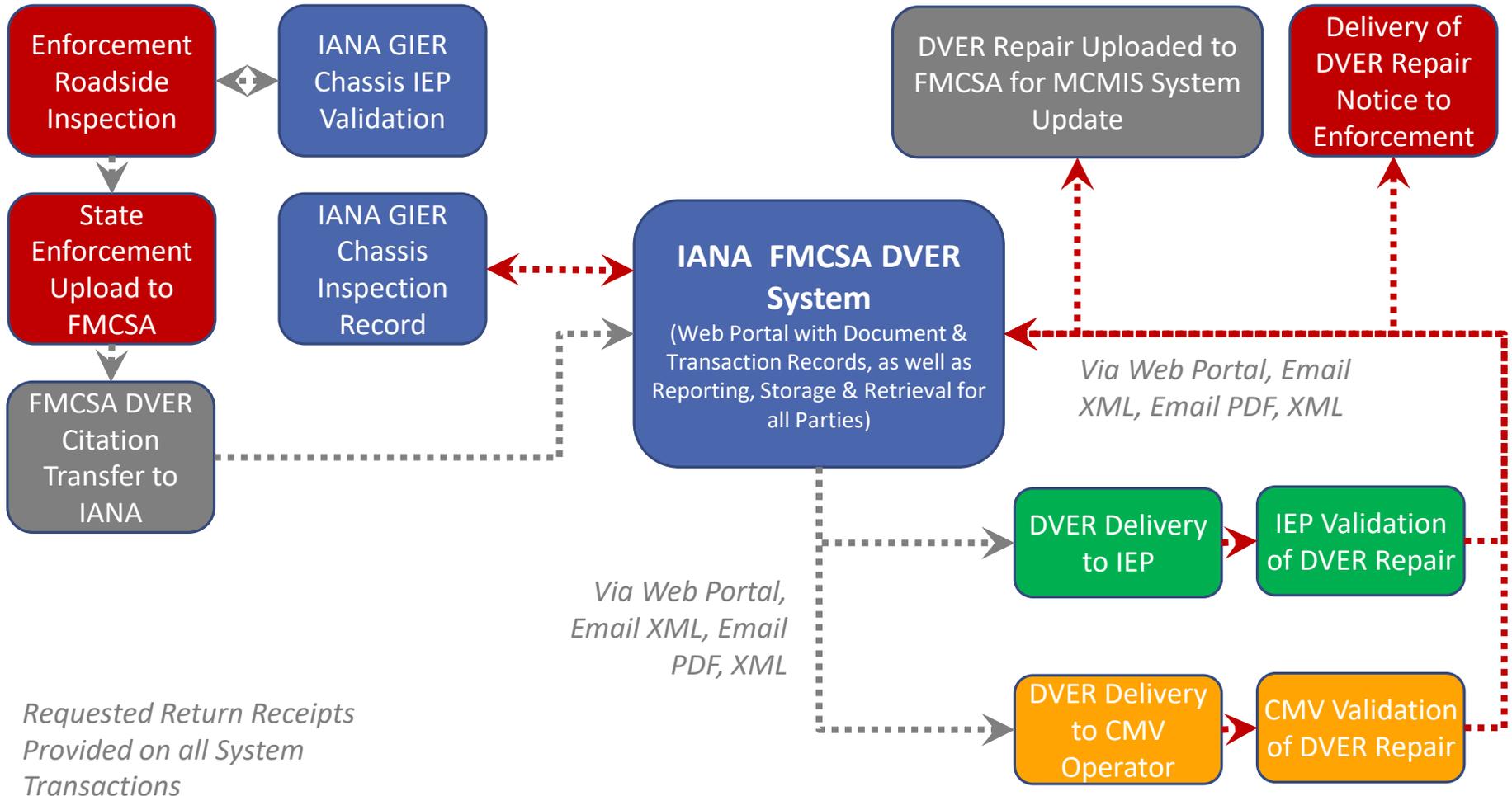
- IANA first addressed proper **identification of the IEP** on the DVER. Beginning in 2009, IANA worked with FMCSA and the States to embed **GIER** into the vehicle systems used by enforcement at roadside.
- This followed by joint IANA / FMCSA / Commercial Vehicle Safety Alliance (CVSA) **enforcement officer training**.
- In 2011, building on IANA's DVIR system, FMCSA and IANA discussed the possibility of IANA **electronically delivering DVERs to IEPs and MCs** due to anticipated **DVER delivery process breakdowns** within the Intermodal industry.
- Subsequently, IANA and FMCSA worked together to design and build a system that will, in a near real-time manner, **route a copy of the DVER to the appropriate IEP and MC**, including storage, reporting, lookups and other functionality.
- 2016 DVER system expansion to mirror State / Enforcement processes & communication needs. **[Currently pending implementation]**

DVER System Schema – Current Process



DVER System Schema

.....➔ Pending New Functionality



Pending DVER Expanded Features

- Connect and enable communication and information flow between IEPs, CMV operators and State & Federal enforcement.
- System upgrade and portal for State and Federal enforcement's use for DVER maintenance, compliance audits and SAFETYNET / MCMIS update as MCs and IEPs use the system to validate DVER repairs.
- Linkage to GIER to validate the FMCSA annual and California BIT inspection forms and inspector certifications.
- Linkage to BOES to stop equipment from moving through terminals.
- Enhance the reporting and benchmarking of violation metrics for all parties.

Pending SAFETYNET Linkages

- IANA will be able to transmit validation of DVER repairs to state enforcement via the same XML schema used by SAFETYNET.
- XML information can be provided at the frequency determined by the individual state enforcement agency, including the ability to transmit all DVER repair certifications done on a daily basis in a single XML file.
- IANA's XML file can be imported directly into SafetyNet by state enforcement.
- Once SAFETYNET is updated, the record will be automatically uploaded and updated in MCMIS as well.
- Potential option to have IANA automatically transmit DVER confirmations via XML directly to SAFETYNET and MCMIS on behalf of the state enforcement agency.

Value Adds

- Ensure awareness anytime a DVER has been issued to your company.
- Be able to address the DVER citation in a quick and efficient manner.
- Eliminate costly administration of paper processes
 - Replace Scanning, Fax & Mail with electronic delivery & verifications
 - Compliance Review support tool
- Flexible web portal
- Overall safety impact

DVER Program Enhancements – Next Steps

- IANA is continuing to work with FMCSA on acknowledgment that enhancements will meet regulatory compliance for certification of DVERs under 49 CFR 396.9(d)(3)(i) and (ii).
- Once acknowledgment is received, implement new enhancement and notify DVER subscribers that the new features are available for use.

DVER Registration

Register now at
<https://dver.intermodal.org/DVER/>

Motor Carriers and IEPs – Click on **Create Account** to establish your access to IANA's Driver Vehicle Examination Report Service

State & Federal Enforcement Personnel – contact the IANA Information Services Help Desk at admin@gierregistry.com to setup your DVER account.

Sign in



DVER
DRIVER VEHICLE
EXAMINATION REPORT

Username

Password

Login [Forgot Password?](#)

Do not have an account?

DVER Company Profile Screen

Company profile contains the main DVER Subscriber



Home / Company Profile

Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

Company Profile

DVER Search

User Settings

Designated DVER
Contact Details

XML Config

Reports

Company Profile

Note: Company Name / USDOT / SCAC can not be changed from User interface. Kindly contact Info Services Help Desk - 877-523-0225.

First Name :

Debbie

Title :

AVP

Phone :

(301)982-3400

Address1 :

11785 Beltsville Drive

City :

Calverton

ZipCode :

20705

Last Name :

Sasko

Email Address:

debbie.sasko@intermodal.org

Fax :

(253)322-9985

Address2 :

Address2

State :

MD

Country :

USA

Update Profile

DVER User Settings Screen

Establish the DVER Subscriber Password – can be changed by the master DVER contact at anytime.



Home / User Settings

Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

Company Profile

DVER Search

User Settings

Designated DVER
Contact Details

XML Config

Reports

Change Password

Current Password :

New Password :

Confirm New Password :

Change Password

Designated DVER Contact

Each company will establish the DVER Contact. This is the individual that we receive the e-mail with the PDF copy of the DVER attached.



Home / DVER Config

Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

Company Profile

DVER Search

User Settings

Designated DVER Contact Details

XML Config

Reports

DVER Contact Details

FirstName :

Rob

LastName :

Sasko

Title :

AVP

Email Address :

dsasko@msn.com

Phone Number :

(301)982-3400

Fax Number :

(253)322-9985

Update Information

XML Configuration Screen

Companies that elect to receive the DVER data via XML will identify on this screen if they wish for IANA to push the XML data to their company or if the DVER subscriber wishes to pull the data from IANA.

 **DVER**
DRIVER VEHICLE
EXAMINATION REPORT

Home /
Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

 Company Profile

 DVER Search

 User Settings

 Designated DVER
Contact Details

 XML Config

 Reports

XML Configuration

 How does your company want IANA to send DVER-XMLs? PUSH PULL

DVER Web Portal Features and Functionalities

- **Search Capabilities**

The Search DVER Screen will be the default page that users are taken to once they log in. This screen identifies the parameters that can be utilized to search for a DVER –

Search Parameters include:

- **Inspection Date**
- **SCAC Code**
- **US DOT Number**
- **State** – the state in which the citation was given.
- **DVER Report Number** – unique number assigned to each DVER.
- **Equipment alpha/numeric ID**
- **License Plate/License State**
- **VIN Number**

New Fields Offered w/Enhancements

- **DVER Status (outstanding, repaired, certified)**
- **Inspection Level**
- **MCMIS** – Yes/No if DVER certification has been uploaded to FMCSA's MCMIS system. This search parameter only available to state enforcement.

DVER Web Portal Features and Functionalities

- **Search Parameters**

The Search DVER Result Screen will return DVER information related to the user's company's based on search parameters entered.

(Note: Fields noted in "red" would be available once enhancements deployed. MCMIS field would only be available to state enforcement personnel to determine if DVER had been uploaded to FMCSA's MCMIS system.

The screenshot shows the 'Search DVER' form in the DVER web portal. The form includes several search parameters: 'From Inspection Date', 'To Inspection Date', 'STATE ABBR', 'License Plate', 'Equipment Prefix', 'VIN', 'Equipment Number', 'Equipment Status', and 'MCMIS'. The 'Inspection Level' and 'MCMIS' fields are highlighted with red boxes. A blue callout box with an arrow points to the 'MCMIS' field, stating 'MCMIS Search Parameter for State Enforcement Only'. The 'MCMIS' field has a checked checkbox next to it. The 'Inspection Level' field is a dropdown menu. The 'Equipment Status' field is a dropdown menu. The 'MCMIS' field is a dropdown menu with '- Select -' as the current selection. The 'Search DVER' and 'Clear Search' buttons are at the bottom of the form. A 'Note' section at the bottom provides instructions on how to search for federal FMCSA inspections versus state inspections.

Search DVER

From Inspection Date :
From Inspection Date(mm/dd/yyyy)

STATE ABBR :
Enter US to search federal inspections else state abbr

License Plate :
Enter License Plate to search

Equipment Prefix :
Enter Equipment Prefix to search

VIN :
Enter VIN to search

Inspection Level :
Select Inspection Level

To Inspection Date :
To Inspection Date(mm/dd/yyyy)

DVER Report Number :
e.g. MA-4744-0001 / US-IMP100025

License State :
Enter License State to search

Equipment Number :
Enter Equipment Number to search

Equipment Status :
Select Equipment Status

MCMIS :
 - Select -

Search DVER **Clear Search**

Note:
-> To search for Federal FMCSA inspections versus state inspections user can search by entering 'US' under the State Abbreviation
-> To search for violations in a specific state - use the State Abbr. field or enter the two letter state abbreviation in the DVER Report Number field

MCMIS Search Parameter for State Enforcement Only

DVER Search Results

•Result screen will return DVER information related to the User's company based on Search parameters entered. Fields shown in "red" box would be available once enhancements deployed.

•Keys for reading Results Screen:

- A. **Wrench Icon – New Field** allows User to select multiple units to confirm DVER has been repaired.
- B. **1st Excel Button** - Download Excel spreadsheet with information on DVERs that are checked by User.
- C. **2nd Excel Button** - Download Excel report on **All DVERs** on file for User.
- D. **3rd Excel Button** - Download all XML details on ALL DVERs on file for User.
- E. **PDF Button** – generates a PDF file containing copies of the actual DVERs for any selected DVERs checked by User.
- F. **Binocular Icon** – another method to get back to the DVER Search Screen.

Check / Uncheck	Date and Time of Inspection	IEP DOT	MC DOT	Report Number	State	Report version	Lic. Plate	Chassis ID	Download DVER	Equipment Status
<input type="checkbox"/>	12/21/2016	1521807	2078382	TX457E9DGXIN	TX	1	3516581	TNPZ423871		DVER REPAIRED
<input type="checkbox"/>	12/28/2016	1521807	1907589	TX45CB0WFG43	TX	1	2516681	TNPZ509735		DVER OUTSTANDING
<input type="checkbox"/>	12/20/2016	1521807	2360010	TX456E9DCU3W	TX	1	3519166	TNPZ448261		DVER CERTIFIED
<input type="checkbox"/>	12/27/2016	1521807	710383	TX45DE9WDZQ3	TX	1	2516611	TNPZ409665		DVER OUTSTANDING
<input type="checkbox"/>	12/28/2016	1521807	1162977	TX45EA0WFCRN	TX	1	3991492	TNPZ447255		DVER OUTSTANDING
<input type="checkbox"/>	12/24/2016	1521807	1957244	TX45K10HTE5V	TX	1	3626362	TSFZ564837		DVER OUTSTANDING
<input type="checkbox"/>	12/23/2016	1521807	725226	TX459D0VCGCA	TX	1	3988732	TPNZ446943		DVER OUTSTANDING
<input type="checkbox"/>	12/20/2016	1521807	551712	TX456D0DCU3V	TX	1	HS41381	TNPZ420194		DVER OUTSTANDING

Equipment Status – Pending Expanded Functionality
DVER Outstanding – DVER has been transmitted to User.

DVER Repaired – IANA's BOES application has processed a release on the unit removing it from bad order status. Note: Certification of the repair from IEP and upload to state enforcement agency is still pending at this point.

DVER Certified – IEP has certified that the DVER has been repaired and information has been transmitted to the appropriate state enforcement agency as long as they utilize IANA's DVER application. IANA would also have the ability to directly upload the certification to FMCSA's MCMIS systems if the state enforcement agency elected to have IANA do so.

New DVER Repair Confirmation Screen

To confirm a DVER has been repaired, the IEP or MC would simply do the following:

- A. Login into their DVER account using their name and password credentials.
- B. Go to Search screen and enter parameters to find the specific DVER or multiple DVERs the user wishes to confirm have been repaired.
- C. Click on the link under Equipment Status for the specific unit. To submit DVER Repair for multiple units, simply click the checkbox next to each unit and then click on the Wrench icon in upper right.
- D. The logged in user's name will auto populate under Repaired Verified By. User can enter any specific remarks.
- E. User can upload documentation confirming the DVER Repair.
- F. Then hit SUBMIT.

Wrench Icon is used when submitting multiple DVER repairs

The screenshot displays the 'Search DVER Result' interface. A modal window titled 'Equipment Repair' is open, containing the following fields and options:

- Repair Verified By:** Tom Martucci
- Remarks:** Enter Remarks
- Attach File:** Browse... No file selected.
- Disclaimer:** Submission of a DVER repair via this system by any person other than the individual referenced in the repair verification field is strictly prohibited. User acknowledges that, upon submission, an electronic signature is rendered for the purposes State and Federal Enforcement official communications. User warrants that any information provided is true and accurate with falsification subject to any associated State and Federal regulations, fines and imprisonment.
- Buttons:** Submit, Cancel

The background shows a table of search results with columns: Check / Uncheck, Date and Time of Inspection, Chassis ID, Download DVER, and Equipment Status. The 'Equipment Status' column contains entries like 'DVER REPAIRED' and 'DVER OUTSTANDING'. A red box highlights the 'DVER OUTSTANDING' status for chassis ID MSCU976838-3. A red arrow points from the 'Wrench Icon' text box to a wrench icon in the top right corner of the search results table.

Once DVER Repair information has been submitted it will be transmitted to the appropriate state enforcement agency that is utilizing IANA's DVER application via the communication method they have selected.

This functionality is pending deployment of new DVER enhancements

New DVER Web Portal Reporting Features

- Reporting

The DVER System will provide additional reporting functionality for each user by Inspection Level,

Home /
Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

Generate stats by Inspection level by date range

From Inspection Start Date :
From Inspection Date(mm/dd/yyyy)

To Inspection End Date :
To Inspection Date(mm/dd/yyyy)

Results:

II - WALK-AROUND
4

MC SCAC :
MC SCAC

MC DOT :
MC DOT

IEP SCAC :
IEP SCAC

IEP DOT :
IEP DOT

STATE ABBR :
Enter US to search federal inspections else state abbr

Inspection Type Description :
Select Inspection Type Description

Less **Generate Report** **Clear**

This functionality is pending deployment of new DVER enhancements

New DVER Web Portal Reporting Features

- Reporting

The DVER System will provide additional reporting functionality for each user by Violation by chassis, truck or driver

Home /
Company Name : IANA Chassis Pool User Type : IEP SCAC : MMMX US DOT : 888888

Generate Stats for Chassis, Truck or Driver in regards to violations by date range

From Date :
From Inspection Date(mm/dd/yyyy)

To Date :
To Inspection Date(mm/dd/yyyy)

MC SCAC :
MC SCAC

MC DOT :
MC DOT

IEP SCAC :
IEP SCAC

IEP DOT :
IEP DOT

STATE ABBR :
Enter US to search federal inspections else state abbr

Unit Type:
 Dolly Converter Full Trailer Intermodal Chassis Straight Truck
 School Bus Semi Trailer Truck Tractor Other

Generate Report **Clear**

Results:

INTERMODAL CHASSIS
4

This functionality is pending deployment of new DVER enhancements

New DVER Web Portal Reporting Features

- Reporting

The DVER System will provide additional reporting functionality for each user by Violation Code

The screenshot displays the DVER web portal interface. On the left is a navigation menu with options: Company Profile, DVER Search, User Settings, Designated DVER Contact Details, XML Config, Reports, Inspection Levels, Violations, and Top Violations. The main content area shows a header with the DVER logo and user information (User Name: Debbie S). Below the header, there is a section titled "Pull stats by top violation codes in chronological order by date range". This section contains several input fields for filtering: "From Date" (From Inspection Date), "To Date" (To Inspection Date), "MC SCAC", "MC DOT", "IEP SCAC", "IEP DOT", and "STATE ABBR" (with a placeholder "Enter US to search federal inspections else state abbr"). There are "Generate Report" and "Clear" buttons. Below the filters, the "Results:" section shows six blue cards representing violation codes and their counts: 392.2W (2), 393.75C (2), 393.78 (1), 393.47D (1), 393.9 (1), and 393.45DLPC (1).

This functionality is pending deployment of new DVER enhancements

Contact Info

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