

Equipment Health View (EHV) Webinar

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Equipment Health View (EHV)

Agenda

- What?
- Who?
- Where?
- High-level Walk-through
- Reporting Repairs and Remediations
- Equipment Owner Fleet Stats

Equipment Health View (EHV)

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- Who?
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- Reporting Repairs and Remediations
- Equipment Owner Fleet Stats

What is Equipment Health View (EHV)?

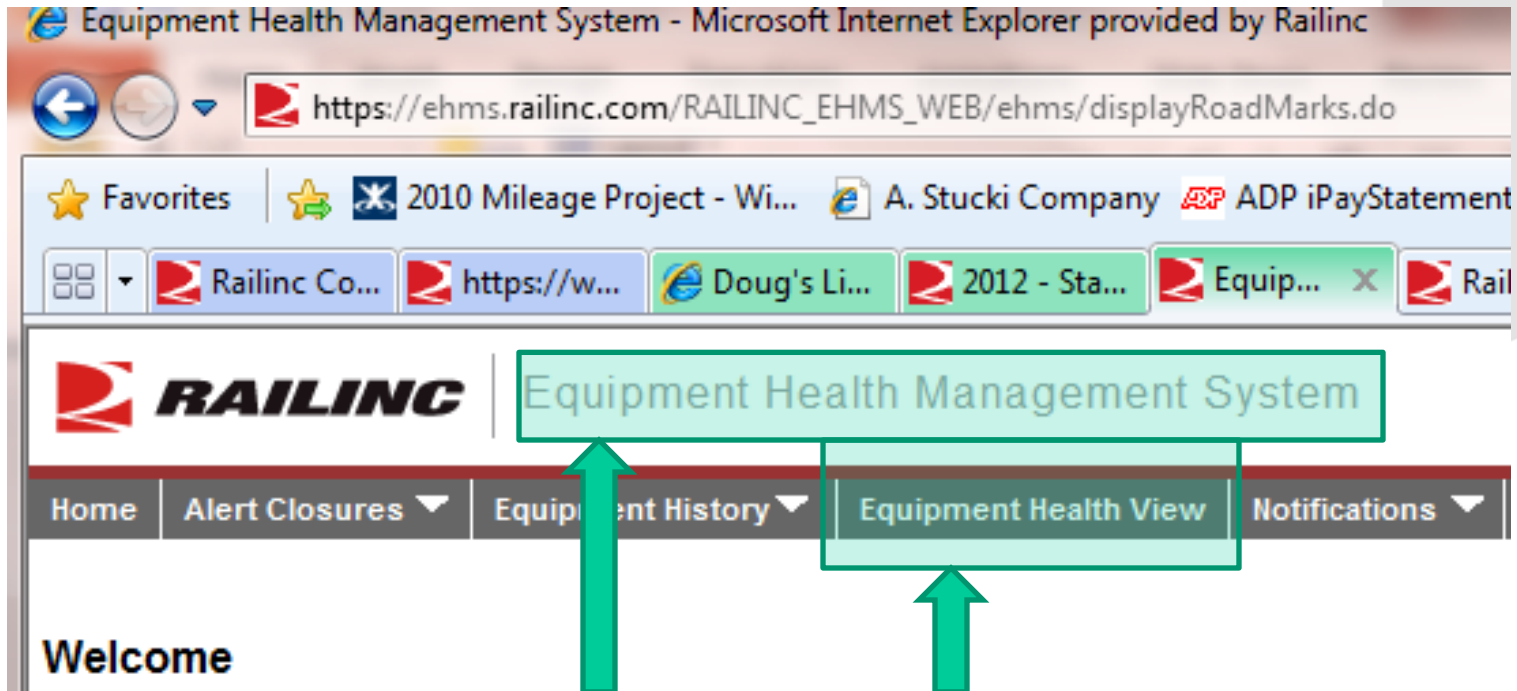
- EHV was sponsored by the Equipment Health Monitoring Committee (EHMC)
- Consolidates health related information from Equipment Health Management System (EHMS), Umler, Early Warning (EW) and Damage Defective Car Tracking (DDCT)
- EHV was implemented in early 2012. Major enhancements were released in December 2012.
- Adheres to guidelines of the AAR Interchange Rules

Who is EHV for?

- Repair Shops
 - Viewing equipment health
 - Reporting repairs and inspections
- Equipment Owners
 - Viewing fleet health
 - Exporting fleet status data for offline analysis
- Railroads
 - Viewing equipment health
 - Viewing fleet health
 - Exporting fleet status data for offline analysis

Where is EHV?

- EHV can be found in the EHMS Application
 - Equipment Health View tab is located on EHMS toolbar
 - Note: User must have EHMS Generic Access SSO permission



What does EHV do?

- EHV allows a user to display:
 - Asset health related information such as alerts, incidents, inspections and warnings and advisories
 - Last reported location and mileage (car owner only)
 - Umler characteristics (high level view)
- EHV allows a user to report:
 - EHMS alert repairs and inspections
 - EW/MA inspections
 - Inspections such as air brake test (ABT), car grades and other inspections reported in Umler
 - AAR Component ID (CID) associations
- Additionally, Fleet Stats are available to equipment owners to view global asset health information

What is required to access EHV?


- A Railinc SSO ID is required to access all Railinc applications
- Some EHV functions require specific SSO permissions:
 - Umler—Inspection permission to report inspections
 - EHMS—Generic Access & Car Repair History
 - DDCT—Handling Carrier or Car Owner
 - EW/MA—Inspection permission
- See your Company SSO and/or Umler Administrator to have required permissions or rights granted
- Confidential information is only available to equipment owner

Equipment Health View (EHV)

Agenda

- What?
- Who?
- Where?
- **High-level Walk-through**
- Reporting Repairs and Remediations
- Equipment Owner Fleet Stats

EHV Overview


Equipment Health View
TECHWRIT : RAIL | Launch Pad ▾ | Contact Us | Sign Out

Home
Fleet Stats **10**
User Guide **11**

Search

RAIL346 **1**

[Return to Application](#)

Equipment Location

2

No location data found for equipment: RAIL0000000346

Umler Registry

3

General

- Stenciled Mark Owner
- RAIL
- Status Code
- P - PRE-REGISTERED
- Built Date
- 10/10/2000
- Equipment Type Code
- M550

Car Management

- Mechanical Restriction
- X - AAR Interchange Restriction
- Mech Restriction Reason
- J - Restricted Due to Journal Bearing and Journal Lubrication

Specifications

- Truck Count
- 2
- Axle Count
- 4
- Outside Length
- 45 ft, 1 in
- [Launch Umler](#)

Repair and Inspection Reporting - RAIL0000000346

Equipment ID Repair Date SPLC Performer Reporter

RAIL0000000346 10-16-2012 **4**

Select Action

[Clear](#) [Submit](#)

Umler Inspections

5

Air Brake Test

- Inspection Date Done 02/08/2010
- ABT 12-Month Due Date 03/01/2011
- ABT 5/8-Year Due Date 02/01/2015

[Launch Umler](#)

Equipment Health Management System

6

No open alerts found for equipment RAIL0000000346

[Launch EHMS](#)

Early Warning Notices

7

No early warning notices found for equipment RAIL0000000346

[Launch Early Warning Notices](#)

Damaged and Defective Car Tracking

8

No DDCT items found for equipment RAIL0000000346

[Launch DDCT](#)

Mileage

9

Equipment Miles 334 From 01/01/2011 To 01/01/2011

Component Miles

Component	Miles	Application Dt	From Dt	To Dt
WHEELSET 1	No Data	01/16/2011	No Data	No Data
WHEELSET 3	No Data	08/06/2012	No Data	No Data
WHEELSET 4	No Data	05/13/2012	No Data	No Data

1 - Search Window

Home Fleet Stats User Guide

Search

RAIL346

[Return to Application](#)

Repair and Inspection R

Equipment ID	Repair Date	SP
	16-2012	

Equipment Location

No location data found for equipment:
RAIL0000000346

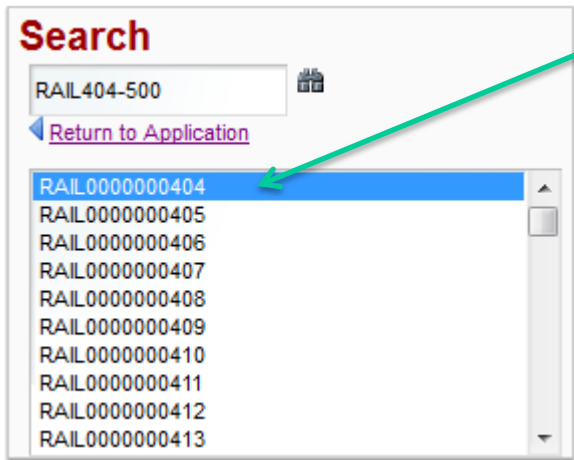
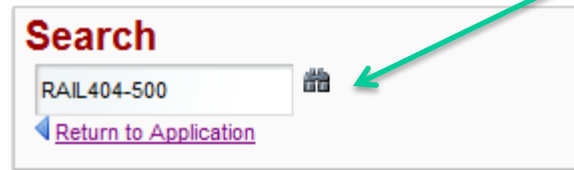
Umler Inspections

Select Action

Enter a single equipment ID (2-4 characters for the initial, then up to 10 digits for the number) or multiple individual equipment IDs or ranges (like TTX100-200), separated by commas

- Allows search by single equipment or range of equipment
- Ability to search up to 200 equipment IDs
- Displays equipment IDs in numerical order
- Link to return to EHMS application

1 - Search Window - continued



- Allows search by range or multiple equipment cut-and-paste
- EHV will parse the equipment ID's into a list with the first one selected by default
- When an equipment ID is clicked, the screen will refresh with its specific data

2 - Equipment Location Window


Equipment Location

Loc: INTERBAY, WA

Last Move: 04/24/2009 08:24 (Empty)

- Displays location city/state and last move information per Event Repository
- Available to car owner, parties to the waybill, handling carrier
- Load/Empty status

3 - Umler Registry Window

Umler Registry 

General
Stenciled Mark Owner
RAIL
Status Code
P - PRE-REGISTERED
Built Date
10/10/2000
Equipment Type Code
M550

Car Management
Mechanical Restriction
X - AAR Interchange Restriction
Mech Restriction Reason
J - Restricted Due to Journal Bearing and Journal
Lubrication

Specifications
Truck Count
2
Axle Count
4
Outside Length
45 ft, 1 in
[Launch Umler](#)

- Displays high level Umler info such as Equipment Type Code
- Visibility to Car Management info such as restrictions
- Equipment specifications such as truck and axle counts are shown

4 – Repair and Inspection Reporting

The screenshot shows a web form titled "Repair and Inspection Reporting - RAIL0000000404". The form has five main input fields: "Equipment ID" with the value "RAIL0000000404", "Repair Date" with the value "12-02-2012", "SPLC" (empty), "Performer" (empty), and "Reporter" with the value "RAIL". Below these fields is a "Select Action" dropdown menu. At the bottom right of the form are "Clear" and "Submit" buttons.

- Allows Repair and Inspection Reporting for the user's company mark
- Allows authorized users to submit various inspections and repairs
- Allows multiple entries to be submitted at the same time
- More on this later...

5 – Umler Inspections


Umler Inspections

Air Brake Test

Inspection Date Done	12/01/2012	Inspection
ABT 12-Month Due Date	12/01/2013	
ABT 5/8-Year Due Date	12/01/2017	

Reflectorization Event

Inspection Date Done	01/28/2009	Inspection
----------------------	------------	----------------------------

[Launch Umler](#) 

- Displays reported inspections for the searched equipment record
- Displays dates and details for each inspection (due dates, date done, etc.)

6 – Equipment Health Management System

Equipment Health Management System

Alert Type	Location	Alert Level	Action	Action
WILD ALERTS	Wheel 07L	ATSI Mandatory	Inspection	Repair
Truck Performance GSF	Truck B	AAR Condemnable	Inspection	

[Launch EHMS](#)

- Displays open EHMS alerts:
 - Alert Type – WILD, Truck Hunting, ABD
 - Location – wheel, truck, bearing
 - Alert Level – window open, opportunistic, condemnable, mandatory

7 – Early Warning Notices




Notice	Sev Cd	Exp Date	Eff Date	Title	Action
EW 5425	01	11/30/2012	08/30/2012	CEPM Test	Inspection


[Launch Early Warning Notices](#)

- Displays open Early Warning and Maintenance Advisories:
 - Notice (notice type and number)
 - Severity Code
 - Expiration Date
 - Effective Date
 - Title of notice

8 – Damaged Defective Car Tracking

Damaged and Defective Car Tracking 

Incident ID	Incident Date	Originating Road	Car Mark Owner	Interchange Rule	Defect	Status
RAIL00015996	10/06/2011	RAIL	BNSF	1	A - Body,B - Braking System	Open
RAIL00015997	10/06/2011	RAIL	BNSF	1	A - Body,B - Braking System	Open

[Launch DDCT](#) 

- Displays open DDCT incidents
- Requires specific DDCT SSO permissions
 - See your DDCT administrator for access

9 – Mileage

Mileage

Equipment Miles 84350 From 01/15/2010 To 06/16/2012

Component Miles

Component	Miles	Application Dt	From Dt	To Dt
WHEELSET 1	No Data	10/04/2012	No Data	No Data
WHEELSET 2	No Data	08/29/2012	No Data	No Data
WHEELSET 3	No Data	12/01/2012	No Data	No Data
WHEELSET 4	No Data	08/30/2012	No Data	No Data

- Uses car movement events to calculate equipment mileage
 - Data available starting January 2010 to present
 - From/To date showing first move to most recent movement
- Displays mileage by wheelset
 - Shows date wheelset applied
 - From/To date showing date range for mileage calculation
- Only visible to equipment owner

Equipment Health View (EHV)?

Agenda


- What?
- Who?
- Where?
- High-level Walk-through
- **Reporting Repairs and Remediations**
- Equipment Owner Fleet Stats

EHV Repairs & Inspections

- EHV allows you to report:
 - Repairs using CRB Job Codes and Locations
 - Close EHMS alerts
 - Associate components in Umler Component Registry (CEPM)
 - EHMS Inspections for closing EHMS alerts
 - EW/MA Inspections for Early Warning system
 - Umler Inspections:
 - Air Brake Test
 - Car Grade
 - Vehicle Flat Car
 - Door Lube
 - Reflectorization
 - Autorack Repair
 - Autorack Cert
 - Autorack Insp

EHV Repairs & Inspections

Search


[Return to Application](#)



Equipment Repairs

No equipment selected

The Equipment Repairs window will be empty until an equipment search is performed.

EHV Repairs & Inspections

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Select Action ▼

Clear Submit

After a successful equipment search, the Repair and Inspection Reporting window will be pre-filled for Equipment ID, Repair Date, and Reporter

EHV Repairs & Inspections

Pre-filling helps to reduce data entry

The screenshot shows a web form titled "Repair and Inspection Reporting - RAIL0000000404". The form has five main input fields: "Equipment ID" (pre-filled with "RAIL0000000404"), "Repair Date" (pre-filled with "12-02-2012"), "SPLC" (empty), "Performer" (empty), and "Reporter" (pre-filled with "RAIL"). Below the "Equipment ID" field is a dropdown menu labeled "Select location". At the bottom right of the form are "Clear" and "Submit" buttons. Three green arrows point upwards from the text below to the "Equipment ID", "Repair Date", and "Reporter" fields.

Searched
Equipment ID

Current Date

User's signed-in
company ID
selected in EHMS

EHV Repairs & Inspections

Customer only needs to enter repair/inspection specific data and click “Submit”

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Select Action

Clear Submit

Select desired action

Enter SPLC

Typically the same as Reporter

Click Submit

EHV Repairs & Inspections

“Select Action” allows you to easily pick the type of action you wish to take.

Repair and Inspection Reporting - RAIL0000000404

Equipment ID: RAIL0000000404 Repair Date: 12-02-2012 SPLC: Performer: Reporter: RAIL

Select Action

- Select Action
- Report Repair
- Report EHMS Inspection
- Report EW/MA Inspection
- Report ABT
- Report Door Lube Inspection
- Report Vehicular Flat Car Certification
- Report Autorack Certification
- Report Autorack Repair
- Report Reflectorization Event
- Report Autorack Inspection
- Report Car Grade Inspection

Clear Submit

[Inspection](#)

Note the actions available

EHV Repairs & Inspections

Selecting “Report Repair” adds a simple repair line allowing user to report repairs that:

- Closes EHMS alerts
- Associates components in Umler Component Registry (CEPM)

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	<input type="text"/>	<input type="text"/>	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Select Action

Clear Submit

Note: required fields are shown in **RED**

EHV Repairs & Inspections

Minimal information is required to report a wheelset replacement with a wheelset component at axle 3 (CRB Location)

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	412750	RAIL	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	3328			3	RAIL7260

Select Action

Clear Submit

Note: required fields are shown in **RED**

EHV Repairs & Inspections

Data errors are reported for each line to easily identify where fixes need to be made before re-submitting.

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	<input type="text"/>	<input type="text"/>	RAIL

UI: SPLC is required and must be 6 digits or 9 digits ending with 000

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	3328	<input type="text"/>	<input type="text"/>	<input type="text"/>	RAIL7260

UI: CRB Location is required and must be 1 or 2 alphanumeric characters

Select Action

Clear Submit

Note error lines

EHV Repairs & Inspections

Users can enter more than one item at a time...

Note 3
items

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	<input type="text"/>	<input type="text"/>	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	3328	<input type="text"/>	<input type="text"/>	3	RAIL7260

Report	Notice Type	Notice Number	Inspection Code
EW/MA Inspection	EW	5425	MH - CAR REPAIRED, RET

Report ABT	Note: The inspection will be reported using Repair Date, SPLC, Performer and Reporter from above.
------------	---

Select Action

Clear Submit

EHV Repairs & Inspections

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	412750	RAIL	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	3328			3	RAIL7260

Messages:

- ✓ CEPM: Component successfully associated to car
- ⚠ CEPM: Component ID is associated to other car(s).
- ✓ EHMS: Submitted closures Succeeded. 1 closures Submitted, 0 Failed Validation, 0 Had Errors.

Report	Notice Type	Notice Number	Inspection Code
EW/WMA Inspection	EW	5425	MH - CAR REPAIRED, RE

Messages:

- ✓ EW: Request successful
- ✓ EW: Report EW Inspection - Successful

Report	Message
ABT	Note: The inspection will be reported using Repair Date, SPLC, Performer and Reporter from above.

Messages:

- ✓ UMLER: ABT transaction is successful
- ✓ UMLER: Report UMLER Inspection - Successful

Select Action:

Each line has its own messages for errors, warnings, and success

EHV Repairs & Inspections

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	412750	RAIL	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	3328			3	RAIL7260

✓ CEPM: Component successfully associated to car
⚠ CEPM: Component ID is associated to other car(s).
✓ EHMS: Submitted closures Succeeded. 1 closures Submitted, 0 Failed Validation, 0 Had Errors.

Report	Notice Type	Notice Number	Inspection Code
EW/MA Inspection	EW	5425	MH - CAR REPAIRED, RET

✓ EW: Request successful
✓ EW: Report EW Inspection - Successful

Report ABT	Note: The inspection will be reported using Repair Date, SPLC, Performer and Reporter from above.
------------	---

✓ UMLER: ABT transaction is successful
✓ UMLER: Report UMLER Inspection - Successful

Select Action

Clear Submit

Messages are system specific (EHMS, CEPM)

EHV Repairs & Inspections

Not all repairs go to EHMS or Umler Component Registry (CEPM). Some are just stored in the database.

Repair was saved to database but did not go to EHMS/CEPM

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	412750	RAIL	RAIL

Report	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
Repair	1145			1	

✔ Repair: Repair successfully processed

Select Action

Clear Submit

EHV Repairs & Inspections

Remember this?

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Select Action

- Select Action
- Report Repair
- Report EHMS Inspection
- Report EW/MA Inspection
- Report ABT
- Report Door Lube Inspection
- Report Vehicular Flat Car Certification
- Report Autorack Certification
- Report Autorack Repair
- Report Reflectorization Event
- Report Autorack Inspection
- Report Car Grade Inspection

Clear Submit

[Inspection](#)

EHV Repairs & Inspections

We added this to make it even easier


Umler Inspections

Air Brake Test

Inspection Date Done	12/01/2012
ABT 12-Month Due Date	12/01/2013
ABT 5/8-Year Due Date	12/01/2017

Reflectorization Event

Inspection Date Done	01/28/2009
----------------------	------------

[Launch Umler](#) 



[Inspection](#)

[Inspection](#)

EHV Repairs & Inspections

This line was added automatically by clicking the ABT Inspection link

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Report
ABT

Note: The inspection will be reported using Repair Date, SPLC, Performer and Reporter from above.

Select Action

Clear Submit

EHV Repairs & Inspections

User only has to complete SPLC and Performer

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012	<input type="text"/>	<input type="text"/>	RAIL

Report ABT

Note: The inspection will be reported using Repair Date, SPLC, Performer and Reporter from above.

Select Action

Clear Submit

EHV Repairs & Inspections

The same thing
was done for
EHMS

Equipment Health Management System

Alert Type	Location	Alert Level	Action	Action
WILD ALERTS	Wheel 07L	ATSI Mandatory	Inspection	Repair
Truck Performance GSF	Truck B	AAR Condemnable	Inspection	

[Launch EHMS](#)

User can select
Repair or
Inspection

EHV Repairs & Inspections

Note that CRB Location was auto-populated for WILD Alert Repair

For TPDG the Inspection Type was auto-populated as well as the CRB Location

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Report Repair	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
				7	

EHMS Inspection	Inspection Type	Reason	CRB Location
	TPDG	Select	B

Select Action Clear Submit

Umler Inspections

Air Brake Test

Inspection Date Done 12/01/2012 [Inspection](#)
 ABT 12-Month Due Date 12/01/2013
 ABT 5/8-Year Due Date 12/01/2017

ReflectORIZATION Event

Inspection Date Done 01/28/2009 [Inspection](#)
[Launch Umler](#)

Equipment Health Management System

Alert Type	Location	Alert Level	Action	Action
WILD ALERTS	Wheel 07L	ATSI Mandatory	Inspection	Repair
Truck Performance GSF	Truck B	AAR Condemnable	Inspection	

[Launch EHMS](#)

EHV Repairs & Inspections

Repair and Inspection Reporting - RAIL0000000404

Equipment ID: RAIL0000000404 Repair Date: 12-02-2012 SPLC: Performer: Reporter: RAIL

Report: EW/MA Inspection Notice Type: EW Notice Number: 5425 Inspection Code: MH - CAR REPAIRED, RET

Clear Submit

Notice Type and Number are auto populated

Early Warning Notices

Notice	Sev Cd	Exp Date	Eff Date	Title	Action
EW 5425	01	11/30/2012	08/30/2012	CEPM Test	Inspection

[Launch Early Warning Notices](#)

EHV Repairs & Inspections

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Report	Notice Type	Notice Number	Inspection Code
EW/MA Inspection	Select		Select

Select Action

Drop-down shows Inspection Codes

- Select
- ME - CAR INSPECTED AND MO
- MH - CAR REPAIRED, RETURN
- MN - EQUIPMENT WAS INCORP
- MR - CAR INSPECTED, RETUR
- MW - CAR MOVING ON, AAR 4
- MZ - CAR INSPECTED IN
- MC - CAR INSPECTED, RETUR

MR - CAR INSPECTED, RETURN CAR TO SERVICE

EHV Repairs & Inspections

Note that actions apply to a single equipment, for a specified date, at a location (SPLC), as performed and reported by indicated companies

Repair and Inspection Reporting - RAIL0000000404

Equipment ID	Repair Date	SPLC	Performer	Reporter
RAIL0000000404	12-02-2012			RAIL

Report Repair	Job Code	Applied Qualifier	Why Made	CRB Location	Component ID
				7	

EHMS Inspection	Inspection Type	Reason	CRB Location
	TPDG	Select	B

Select Action

Clear Submit

Umler Inspections

Air Brake Test

Inspection Date Done 12/01/2012 [Inspection](#)
 ABT 12-Month Due Date 12/01/2013
 ABT 5/8-Year Due Date 12/01/2017

ReflectORIZATION Event

Inspection Date Done 01/28/2009 [Inspection](#)
[Launch Umler](#)

Equipment Health Management System

Alert Type	Location	Alert Level	Action	Action
WILD ALERTS	Wheel 07L	ATSI Mandatory	Inspection	Repair
Truck Performance GSF	Truck B	AAR Condemnable	Inspection	

[Launch EHMS](#)

Equipment Health View (EHV)?

Agenda

- What?
- Who?
- Where?
- High-level Walk-through
- Reporting Repairs and Remediations
- **Equipment Owner Fleet Stats**

EHV Fleet Stats

- EHV Fleet Stats allows car owners to view:
 - Aggregate Railinc data, at the fleet level, for all owned equipment
 - This data can be used to help understand the overall health at a fleet level
 - High level stats based on Railinc data
 - Visible only to the car owner
 - **Important note:** The data contained on this screen is served by a *data warehouse* that is updated nightly. Changes will occur throughout the day. The report is intended to be used as a fleet-level tool and not for making individual equipment decisions.

EHV Fleet Stats Permissions

- EHV Fleet Stats permission is required to view high level and detail info on fleet
 - User may request visibility to fleet by company id/mark
- EHV Billed Party permission is required to download reports that exceed equipment count of 200 cars
 - High level stats remain visible from Fleet Stats page

EHV Billed Party (company required)
Company mark used to invoice for downloaded EHV Fleet Stats exports. This mark will be used for invoicing and is required for downloading exported data.

EHV Fleet Stats (company required)
Allows access to EHV Fleet Stats for specified company

* Company Id

EHV Fleet Stats

- EHV Fleet Stats allows car owners to view:
 - Counts by Umler Equipment Status
 - Counts by Mark for those that own more than one Mark
 - Counts by Umler Equipment Groups
 - Counts by EHMS Alert Type
 - Counts by EW and MA
 - Counts by DDCT Rule Number
 - Umler Inspections Past Due
 - Equipment Restricted from Interchange

EHV Fleet Stats

To navigate to the Fleet Stats page

The screenshot shows a web browser window displaying the RAILING Equipment Health View (EHV) main page. The browser's address bar shows the URL: <https://wwwtst.railinc.com/rportal/web/cch/home/-/cchq/ric/BNSF?origin=EHMS>. The page header includes the RAILING logo and the text "Equipment Health View". Below the header is a navigation menu bar with three items: "Home", "Fleet Stats", and "User Guide". The "Fleet Stats" item is highlighted with a green box. A green callout bubble points to the "Fleet Stats" menu bar with the text: "From EHV main page, click Fleet Stats menu bar". Below the navigation bar, there are two main content areas: "Equipment Repairs" with the subtext "No equipment selected" and "Umler Inspections".

EHV Fleet Stats

RAILINC | Equipment Health View

Home | Fleet Stats | User Guide

Fleet Stats

Note: The data in the Fleet Statistics report may not contain the most recent events related to the equipment related to their fleet and not for day to day operations. Refer to Railinc's Terms of Service for further information.

Equipment data for: RAIL

Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	459	459	
<input type="checkbox"/> Marks	459	459	
<input type="checkbox"/> Equipment Groups	459	459	
<input type="checkbox"/> EHMS Alerts	1	1	
<input type="checkbox"/> EW/MA	103	102	
<input type="checkbox"/> Inspections Past Due	117	117	
<input type="checkbox"/> Restricted from VC	201	201	
<input type="checkbox"/> Conflicts	165	165	

Filter Clear

Fleet Stats for indicated Stencil Mark Owner. Stats are confidential to car owner only unless access is granted to others.

EHV Fleet Stats

Equipment data for: RAIL

Equipment Filter

- RAIL
- BNSF
- NATX

Select		Item Count	Equip. Count	Export
▶	<input type="checkbox"/> Equipment Status	459	459	
▶	<input type="checkbox"/> Marks	459	459	
▶	<input type="checkbox"/> Equipment Groups	459	459	
▶	<input type="checkbox"/> EHMS Alerts	1	1	
▶	<input type="checkbox"/> EW/MA	103	102	
▶	<input type="checkbox"/> Inspections Past Due	117	117	
▶	<input type="checkbox"/> Restricted from I/C	201	201	
▶	<input type="checkbox"/> Conflicts	165	165	

Filter Clear

Fleet Stats access can be granted to 3rd party fleet managers using SSO Role "EHV Fleet Stats".

EHV Fleet Stats

Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	1750	1750	
<input type="checkbox"/> Marks	1750	1750	
<input type="checkbox"/> Equipment Groups	1750	1750	
<input type="checkbox"/> BOXC	775	775	
<input type="checkbox"/> FLAT	220	220	
<input type="checkbox"/> GOND	22	22	
<input type="checkbox"/> HOPP	693	693	
<input type="checkbox"/> IFLT	14	14	
<input type="checkbox"/> LOCO	26	26	
<input checked="" type="checkbox"/> EHMS Alerts	2224	1464	
<input type="checkbox"/> THD-C	88	77	
<input type="checkbox"/> THD-W	598	426	
<input type="checkbox"/> WILD-C	118	91	
<input type="checkbox"/> WILD-O	218	174	
<input type="checkbox"/> WILD-W	1202	696	
<input checked="" type="checkbox"/> EW/MA	187	187	
<input type="checkbox"/> EW	43	43	
<input type="checkbox"/> MA	144	144	
<input checked="" type="checkbox"/> DDCT Incidents	132	132	
<input type="checkbox"/> Rule 1	127	127	
<input type="checkbox"/> Rule 107	4	4	
<input type="checkbox"/> Rule 108	1	1	
<input type="checkbox"/> Inspections Past Due	139	139	
<input type="checkbox"/> Restricted from I/C	13	13	

Filter Clear

Click the arrows to expand the category

Item Count = line items
Equip Count = unique equipment

For some line items, Item Count may be greater than Equip Count. A single equipment may have more than one EHMS alert

EHV Fleet Stats

<input type="checkbox"/>	EHMS Alerts	2224	1464	
<input checked="" type="checkbox"/>	THD-C	88	77	
<input type="checkbox"/>	THD-W	598	426	
<input checked="" type="checkbox"/>	WILD-C	118	91	
<input type="checkbox"/>	WILD-O	218	174	
<input type="checkbox"/>	WILD-W	389	696	
<input type="checkbox"/>	EW/MA	187	187	
<input checked="" type="checkbox"/>	EW	43	43	
<input type="checkbox"/>	MA	144	144	
<input type="checkbox"/>	DDCT Incidents	132	132	
<input type="checkbox"/>	Rule 1	127	127	
<input type="checkbox"/>	Rule 107	4	4	
<input type="checkbox"/>	Rule 108	1	1	
<input type="checkbox"/>	Inspections Past Due	139	139	
<input type="checkbox"/>	Restricted from VC	13	13	

What if I want to see stats on a subset of data?

Check the box(es) of the items you are interested in

Click "Filter"

EHV Fleet Stats

Original Fleet Stats remain in the left window

“Filtered” Fleet Stats are on shown in right side window

Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	1750	1750	
<input type="checkbox"/> Marks	1750	1750	
<input type="checkbox"/> Equipment Groups	1750	1750	
<input checked="" type="checkbox"/> EHMS Alerts	2224	1464	
<input checked="" type="checkbox"/> THD-C	88	77	
<input type="checkbox"/> THD-W	598	426	
<input checked="" type="checkbox"/> WILD-C	118	91	
<input type="checkbox"/> WILD-O	218	174	
<input type="checkbox"/> WILD-W	1202	696	
<input checked="" type="checkbox"/> EW/MA	187	187	
<input checked="" type="checkbox"/> EW	43	43	
<input type="checkbox"/> MA	144	144	
<input type="checkbox"/> DDCT Incidents	132	132	
<input type="checkbox"/> Inspections Past Due	139	139	
<input type="checkbox"/> Restricted from I/C	13	13	

Filter Clear

Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	205	205	
<input type="checkbox"/> Marks	205	205	
<input type="checkbox"/> Equipment Groups	205	205	
<input checked="" type="checkbox"/> EHMS Alerts	497	365	
THD-C	88	77	
THD-W	70	64	
WILD-C	118	91	
WILD-O	54	40	
WILD-W	167	93	
<input checked="" type="checkbox"/> EW/MA	75	75	
EW	43	43	
MA	32	32	
<input type="checkbox"/> DDCT Incidents	29	29	
<input type="checkbox"/> Inspections Past Due	54	54	
<input type="checkbox"/> Restricted from I/C	3	3	

on selections on the left

Selected filters are highlighted yellow

EHV Fleet Stats

SMOW = BNSF

Equipment Filter

RAIL488416-488600

Select		Item Count	Equip. Count	Export
▶ <input type="checkbox"/>	Equipment Status	98909	98909	
▶ <input type="checkbox"/>	Marks	98909	98909	
▶ <input type="checkbox"/>	Equipment Groups	98909	98909	
▲ <input type="checkbox"/>	EHMS Alerts	102551	59947	
<input type="checkbox"/>	ABD-C	450	391	
<input type="checkbox"/>	THD-C	158	148	
<input type="checkbox"/>	THD-W	13309	10535	
<input checked="" type="checkbox"/>	WILD-C	5166	3758	
<input type="checkbox"/>	WILD-M	71	61	
<input type="checkbox"/>	WILD-O	14062	11096	
<input type="checkbox"/>	WILD-W	69335	33958	
▲ <input type="checkbox"/>	EW/MA	2906	2874	
<input checked="" type="checkbox"/>	EW	1833	1820	
<input type="checkbox"/>	MA	1073	1054	
▶ <input type="checkbox"/>	DDCT Incidents	746	746	
▶ <input type="checkbox"/>	Inspections Past Due	4041	4041	
▶ <input type="checkbox"/>	Restricted from VC	6083	6083	
▶ <input type="checkbox"/>	Conflicts	15	15	

Filter Clear

Additionally, you can enter a range or list of equipment ID's to filter by

EHV Fleet Stats

SMOW = BNSF

Equipment Filter

RAIL 0000488416-0000488600

Select		Item Count	Equip. Count	Export
<input type="checkbox"/>	Equipment Status	98909	98909	
<input type="checkbox"/>	Marks	98909	98909	
<input type="checkbox"/>	Equipment Groups	98909	98909	
<input checked="" type="checkbox"/>	EHMS Alerts	102551	59947	
<input type="checkbox"/>	ABD-C	450	391	
<input type="checkbox"/>	THD-C	158	148	
<input type="checkbox"/>	THD-W	13309	10535	
<input checked="" type="checkbox"/>	WILD-C	5166	3758	
<input type="checkbox"/>	WILD-M	71	61	
<input type="checkbox"/>	WILD-O	14062	11096	
<input type="checkbox"/>	WILD-W	69335	33958	
<input checked="" type="checkbox"/>	EW/MA	2906	2874	
<input checked="" type="checkbox"/>	EW	1833	1820	
<input type="checkbox"/>	MA	1073	1054	
<input type="checkbox"/>	DDCT Incidents	746	746	
<input type="checkbox"/>	Inspections Past Due	4041	4041	
<input type="checkbox"/>	Restricted from I/C	6083	6083	
<input type="checkbox"/>	Conflicts	15	15	

Filter Clear

Filtered Results*

Equipment Filter

RAIL 0000488416-0000488600

Select		Item Count	Equip. Count	Export
<input type="checkbox"/>	Equipment Status	4	4	
<input type="checkbox"/>	Marks	4	4	
<input type="checkbox"/>	Equipment Groups	4	4	
<input checked="" type="checkbox"/>	EHMS Alerts	13	8	
<input checked="" type="checkbox"/>	WILD-C	4	4	
<input type="checkbox"/>	WILD-O	2	2	
<input type="checkbox"/>	WILD-W	7	2	

*Results are filtered based on selections on the left

Equipment list is displayed here to show filter criteria

Please refer to prior note regarding the use of a data warehouse

EHV Fleet Stats

How do I see the actual equipment?

By clicking the "Export" icon you will be able to download a CSV file listing the equipment counted on the line

Select	Item Count	Equip. Count	Export
▶ <input type="checkbox"/> Equipment Status	1750	1750	
▶ <input type="checkbox"/> Marks	1750	1750	
▶ <input type="checkbox"/> Equipment Groups	1750	1750	
▲ <input type="checkbox"/> EHMS Alerts	2224	1464	
<input checked="" type="checkbox"/> THD-C	88	77	
<input type="checkbox"/> THD-W	598	426	
<input checked="" type="checkbox"/> WILD-C	118	91	
<input type="checkbox"/> WILD-O	218	174	
<input type="checkbox"/> WILD-W	1202	696	
▲ <input type="checkbox"/> EW/MA	187	187	
<input checked="" type="checkbox"/> EW	43	43	
<input type="checkbox"/> MA	144	144	
▶ <input type="checkbox"/> DDCT Incidents	132	132	
▶ <input type="checkbox"/> Inspections Past Due	139	139	
▶ <input type="checkbox"/> Restricted from I/C	13	13	

Filter Clear

Select	Item Count	Equip. Count	Export
▶ Equipment Status	205	205	
▶ Marks	205	205	
▶ Equipment Groups	205	205	
▲ EHMS Alerts	497	365	
THD-C	88	77	
THD-W	70	64	
WILD-C	118	91	
WILD-O	54	40	
WILD-W	167	93	
▲ EW/MA	75	75	
EW	43	43	
MA	32	32	
▶ DDCT Incidents	29	29	
▶ Inspections Past Due	54	54	
▶ Restricted from I/C	3	3	

The CSV will contain the detailed data for the equipment count selected

EHV Fleet Stats

After clicking the export icon...

Fleet Stats

Note: The data in the Fleet Statistics report may not contain the most recent events related to the equipment. The intent of this report is to provide equipment owners with information related to their fleet and not for day to day operations. Refer to Railinc's Terms of Service for further information on use of data.

This download contains 731 car records; your company BNSF will be charged for this download. The cost of download is \$0.06 per car extracted with a \$100 Monthly Minimum charge. Charges apply to downloads that exceed 200 cars. Price listed applies to Railroads, Car Owners, and Shops. All others call for quote.

The estimated cost is \$43.86 for this download.

A notification will be emailed to your SSO Email address once processing is complete.

Click 'OK' to continue Or 'Cancel' to abort the query.

<input type="checkbox"/>	EHMS Alerts	102807	43654	
<input type="checkbox"/>	EW/MA	2864	2831	
<input type="checkbox"/>	DDCT Incidents	747	731	
<input type="checkbox"/>	Inspections Pas	9206	9206	
<input type="checkbox"/>	Restricted from	7489	7489	
<input type="checkbox"/>	Conflicts	8	8	

OK Cancel

No export jobs found for you

creation.

An email will be sent to your SSO Email address once the report is finished

You'll receive a pop-up to confirm your action.

The email will come from noreply@railinc.com with a subject line "Railinc Fleet Stats Report ID: EHV Fleet Stats Notification Status – COMPLETED"

EHV Fleet Stats

How do I get my file?

This window will display all of your report jobs

Click the Download icon to get a zip file with the CSV file

Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	1750	1750	
<input type="checkbox"/> Marks	1750	1750	
<input type="checkbox"/> Equipment Groups	1750	1750	
<input checked="" type="checkbox"/> EHMS Alerts			
<input checked="" type="checkbox"/> THD-C			
<input type="checkbox"/> THD-W			
<input checked="" type="checkbox"/> WILD-C			
<input type="checkbox"/> WILD-O			
<input type="checkbox"/> WILD-W			
<input checked="" type="checkbox"/> EW/MA	187		
<input checked="" type="checkbox"/> EW		43	
<input type="checkbox"/> MA		144	
<input type="checkbox"/> DDCT Incidents	132	132	
<input type="checkbox"/> Inspections Past Due	139	139	
<input type="checkbox"/> Restricted from I/C	13	13	

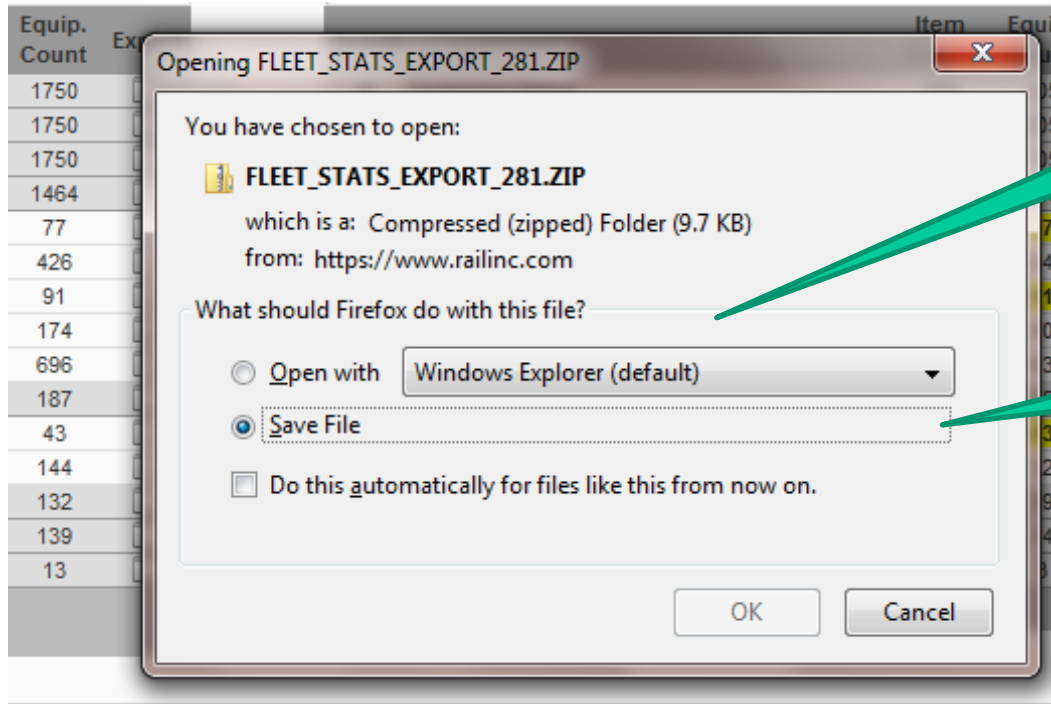
Select	Item Count	Equip. Count	Export
<input type="checkbox"/> Equipment Status	205	205	
<input type="checkbox"/> Marks	205	205	
<input type="checkbox"/> Equipment Groups	205	205	
<input checked="" type="checkbox"/> EHMS Alerts			
<input checked="" type="checkbox"/> THD-C			
<input type="checkbox"/> THD-W			
<input checked="" type="checkbox"/> WILD-C			
<input type="checkbox"/> WILD-O			
<input type="checkbox"/> WILD-W			
<input checked="" type="checkbox"/> EW/MA	75	75	
<input checked="" type="checkbox"/> EW	43	43	
<input type="checkbox"/> MA	32	32	
<input type="checkbox"/> DDCT Incidents	29	29	
<input type="checkbox"/> Inspections Past Due	54	54	
<input type="checkbox"/> Restricted from I/C	3	3	

*Results are filtered based on selections on the left

Fleet Stats Export Jobs

Job ID	Report ID	Start Time	Status	Download
281	EHVFleetStats	12/05/2012 19:09	COMPLETED	
186	EHVFleetStats	12/04/2012 21:26	COMPLETED	
182	EHVFleetStats	12/04/2012 21:16	COMPLETED	

EHV Fleet Stats



Your computer will prompt you to either open or save the file

Save it locally to easily work with it offline

Start Time	Status	Download
12/05/2012 19:09	COMPLETED	
12/04/2012 21:26	COMPLETED	
12/04/2012 21:16	COMPLETED	

What is in the file?

EHV Fleet Stats

A	B	C	D	E	F
Equipment Initials	Equipment Number	Umler Status	Umler SMO	Umler Equip Type Code	Umler Equipment
RAIL	179676	A	RAIL	H350	
RAIL	512170	A	RAIL	E534	GOND
RAIL	8178	A	RAIL	D126	LOCO

AR	AS	AT	AU
EHMS Alert Type	EHMS Alert Level	EHMS Alert Date	EHMS Location
WILD ALERTS	ATSI Window Open	6/10/2012	WHEEL 05L
WILD ALERTS	AAR Opportunistic	11/24/2011	WHEEL 05L
WILD ALERTS	ATSI Window Open	7/21/2010	WHEEL 04R
WILD ALERTS	ATSI Window Open	3/17/2011	WHEEL 04R
Truck Hunting	ATSI Window Open	3/8/2008	TRUCK E

AV	AW	AX	AY
EW Notice Type	EW Notice Number	EW Effective Date	EW Expiration Date
EW	5171	1/1/2009	12/31/9999
MA	125	7/21/2011	12/31/9999

AZ	BA	BB	BC
DDCT Rule 1	DDCT Rule 95	DDCT Rule 107	DDCT Rule 108
			1
			1

Key Umler data

EHMS data

EW/MA data

DDCT Data

Additional data:
Last Move Date
Umler Restrictions

Note: this is a snapshot of the CSV opened in Excel

A green speech bubble with a white border and a tail pointing towards the top left. Inside the bubble, the text "Thanks for attending!" is written in white, sans-serif font, rotated approximately 45 degrees counter-clockwise.

Additional Information

- EHV User Guide, demos, webinar slides can be found here:
 - <http://www.railinc.com/rportal/equipment-health-view>
- Contact CSC:
 - Email: csc@railinc.com
 - Phone: 1(877) 724-5462