



Locomotive Horsepower Hour User Guide



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Learning about LMIS

Locomotive Management Information System (LMIS) is an application that helps users view and manage information about locomotives. Locomotive Horsepower Hour is an application module within LMIS for Class I railroads.

LMIS HPH Reconciliation Overview

The Locomotive Horsepower Hour application enables railroads to view existing and historical Run-Through Agreement (RTA) Rules, submit new RTA rules by railroad pairs, edit existing, or restore historical agreements, and manage railroad pairs' review and approval process.

- [Getting Started](#) describes how to access and log into the system.
- [Dashboards](#) describes the HPH Reconciliation and Interchange Fuel Equalization data charts.
- [Reconciliation](#) describes how to review, edit, approve liability pair exchanges and interchange fuel levels.
- [Events](#) describes how to create and manage Interchange (AEI) and Bad Order events.
- [RTA Rules](#) describes how to create and manage various Locomotive Horsepower Hours rules.
- [Change Approval](#) describes how to approve or reject Bad Order Events, Bad Order Rules and Haulage Rules.
- [History](#) describes how to manage historical rules and events.

For additional information, contact the Railinc Customer Success Center (see [Accessing the Railinc Customer Success Center](#)).

System Requirements

For information about the system requirements of Railinc web applications and for information about downloading compatible web browsers and file viewers, refer to the [Railinc UI Dictionary](#).

Accessing the Railinc Customer Success Center

The Railinc Customer Success Center provides reliable, timely, and high-level support for Railinc customers. Representatives are available to answer calls and respond to emails from 7:00 a.m. to 7:00 p.m. Eastern time, Monday through Friday, and provide on-call support via pager for all other hours to ensure support 24 hours a day, 7 days a week. Contact us toll-free by phone at 877-RAILINC (1-877-724-5462) or send an email directly to csc@railinc.com.

Getting Started

LMIS uses Railinc Single Sign-On (SSO) to manage permissions. To access SSO, view the Railinc portal at <https://public.railinc.com> and select **Customer Login** at the top right of the page ([Exhibit 4](#)).

Registering to Use Railinc SSO

Each LMIS user must register to use Railinc Single Sign-On (SSO). If you are not already registered, refer to the [Railinc Single Sign-On and Launch Pad User Guide](#) for more information. Once you have completed SSO registration, request access to LMIS within SSO.

Requesting Access to LMIS Launch Pad

After you receive authorization to use Railinc SSO, you must request general access to LMIS Launch Pad by following instructions in the [Railinc Single Sign-On and Launch Pad User Guide](#).

Your level of access and authorization for LMIS is determined when you request access through Railinc SSO. [Exhibit 1](#) shows a complete list of LMIS roles as seen in SSO.

Exhibit 1. User Roles and Tasks

Task	Description
HPH RTA Admin	This role provides the capability to view, edit, approve, reject and restore Locomotive Horsepower Hour Reconciliation Portal Rules and Events. Users must request access under the mark they represent.
HPH RTA Viewer	This role allows users to view Locomotive Horsepower Hour Reconciliation Rules and Events. Users must request to access under the mark they represent. Users must request access under the mark they represent.
LMIS Company Admin	This role enables users to grant mark permissions.

Your assigned user role determines what functions you can perform. User roles are assigned by Railinc through the Single Sign-On interface ([Exhibit 2](#)).

Exhibit 2. LMIS Request Permission

Locomotive Management Information System

1 Select Roles 2 Confirm 3 Done

☐ HPH RTA Admin (MARK required)
Administrator role who has the capability to view the dashboard and view, edit, and submit monthly Locomotive Horsepower Hour Reconciliations.

☐ HPH RTA Viewer (MARK required)
View only role who has the capability to view the dashboard and current Locomotive Horsepower Hour Reconciliation event status.

☐ LMIS Company Admin (MARK required)
Allows the user to grant mark permissions

Comments...

Return Next 0/255

Choose your role and enter the mark for your railroad. Select **Next** to proceed. Once you receive email notification of access, you can log on and begin using the Locomotive Horsepower Hour application.

Exhibit 3. LMIS HPH Permissions by Feature

HPH RTA Feature	Company Admin	HPH RTA Viewer	HPH RTA Admin
View Dashboards	N	Y	Y
View Rules and Events	N	Y	Y
Create Rules and Events	N	N	Y
Edit Rules and Events	N	N	Y
Restore Rules and Events	N	N	Y
Approve Rules and Event Changes	N	N	Y
Grant LMIS Permissions	Y	N	N
Grant HPH RTA Permissions	Y	N	N
View Manage Horsepower Hour Liability	Y	Y	Y
Edit, Restore Liability Rows	N	N	Y
Approve Liability Rows	N	N	Y
View Interchange Fuel Levels	N	Y	Y
Edit, Restore Interchange Fuel Levels	N	N	Y
Approve Interchange Fuel Levels	N	N	Y

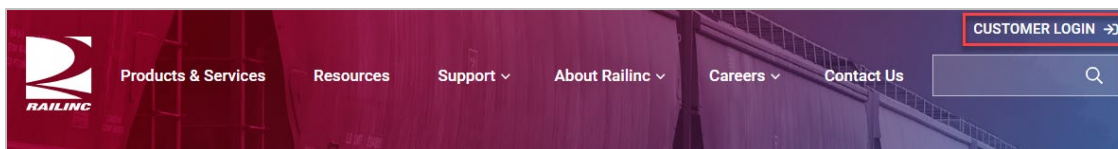
Logging In

Use the following procedure to log into the Locomotive Horsepower Hour application:

1. Open your internet browser.

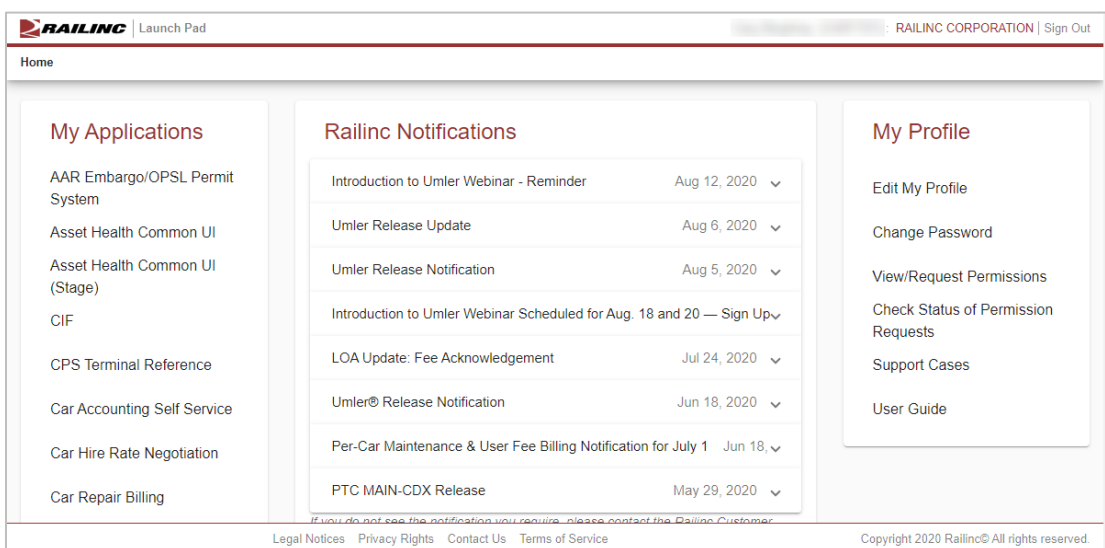
2. Enter the following URL: <https://public.railinc.com>. The Railinc Welcome page is displayed ([Exhibit 4](#)).

Exhibit 4. Railinc Welcome Page



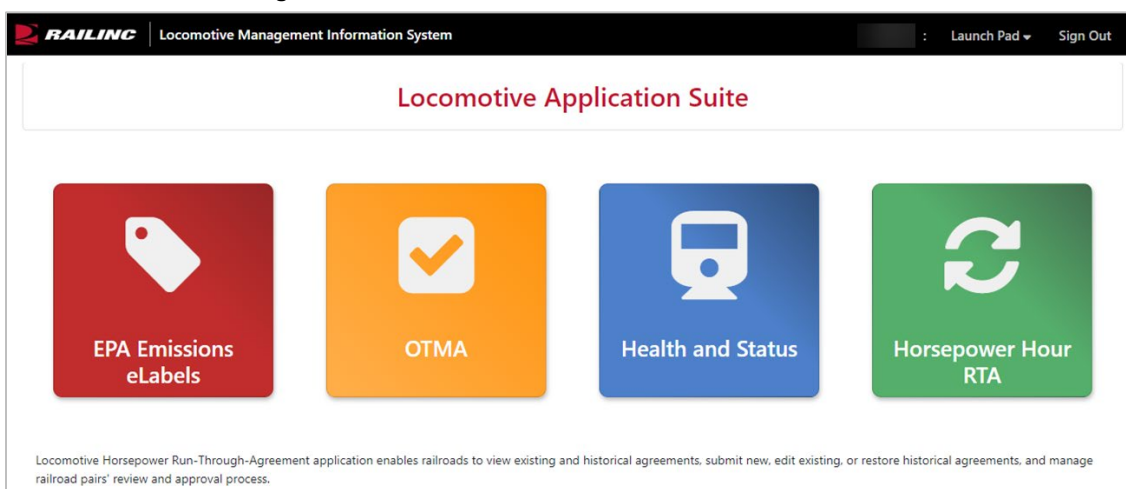
3. Select **Customer Login** at the top right. The Railinc Account Access panel is displayed.
4. In the Account Access panel, enter your **User ID** and **Password**. Select **Sign In**. The Railinc Launch Pad is displayed ([Exhibit 5](#)).

Exhibit 5. Railinc Launch Pad



5. Under **My Applications**, select **Locomotive Management Information System** (you may need to scroll down). The Locomotive Management Information System (LMIS) Home page is displayed ([Exhibit 6](#)).

Exhibit 6. LMIS Suite Page



6. Select **Horsepower Hour RTA**. The Horsepower Hour Reconciliation Dashboard displays.

Exhibit 7. LMIS HPH Dashboard

RAILINC Locomotive Horsepower Hour Equalization					
BNSF Launch Pad Sign Out					
Dashboard Reconciliation Events RTA Rules Change Approval History User Guide					
Horsepower Hour Reconciliation Dashboard					
Industry Settlement Summary			Railroad Settlement Summary		Rolling Estimate By Railroad
Last Month Settled August 2024			Last Month Settled Unsettled Months System Offline Foreign Online Difference		
Unsettled Months 12			CN Mar-25	6	0
Industry			CPKC Mar-25	6	0
Cumulative Total Equip Count Hours			CPRS Mar-25	6	0
System Offline	3	80	CSXT Mar-25	6	0
Foreign Online	0	0	FXE Mar-25	6	0
Difference	3	80	KCS Aug-24	12	0
Tasks			KCSM Mar-25	6	0
Records			NOPB Mar-25	6	0
Rules	Awaiting Review	Triggered	NS Mar-25	6	0
Interchange Chain Rules	17	56	UP Mar-25	6	3
Relief Time Rules	1	0			
Events	Interchanges	5,025			
Liability Records	4				
Settlement Trend					
YY-MM	25-Mar	25-Apr	25-May	25-Jun	25-Jul
System Offline	0	0	0	0	3
Foreign Online	0	0	0	0	0
Difference	0	0	0	0	3

The Locomotive HPH main menu items:

[Dashboards](#)

HPH Reconciliation Dashboard: Shows Industry, Tasks and Settlement Trends data at a glance.

Interchange Fuel Dashboard: Provides locomotive gallon trends, locomotive count trends and combined locomotive gallons/locomotive count trends by mark, and fuel method trends, each for the last 12 months.

[Reconciliation](#)

HPH Reconciliation: the HPH Admin can review, edit and approve Liability Pair Exchanges which include Begin and End Exchange Date/Times, a few Equipment Characteristics and Hour calculations.

Fuel Equalization: the HPH Admin can view or edit interchange fuel levels created by the Equipment Owner, either averaged or manually edited.

[Events](#)

View, edit, delete, restore, approve or reject agreed upon events for Interchanges, AEI History, Bad Order Federal Inspection and Bad Order Horsepower Events.

[RTA Rules](#)

View, edit or submit agreed upon calculation rules for active AEI Sites, and view, edit, delete, restore, approve, and reject Interchange Chain Rules, Haulage Time, Relief Time, Bad Order Federal Inspection, Bad Order Horsepower, and Exchange Fuel Level Rules between railroads that are in **Approved** status.

Getting Started

[Change Approval](#)

View, approve or reject your requested new, edited, deleted or restored Bad Order Events, Bad Order Rules and Haulage Rules that are awaiting agreement/approval by the reviewing railroad that are in **Review** status.

[History](#)

View and restore historical Interchanges, Interchange Chains, Bad Order Events, Bad Order Rules and RTA Rules, and Interchange Fuel Level Rules.

User Guide

Select to view this document ([Locomotive HPH User Guide](#)).

Logging Out

Select the **Sign Out** link to end a LMIS session.

Dashboards

Horsepower Dashboard

HPH RTA Viewers and HPH RTA Admins can view Industry, Tasks and Settlement Trends for the last six months at a glance from the home page.

Use the following procedure to view the Horsepower Dashboard:

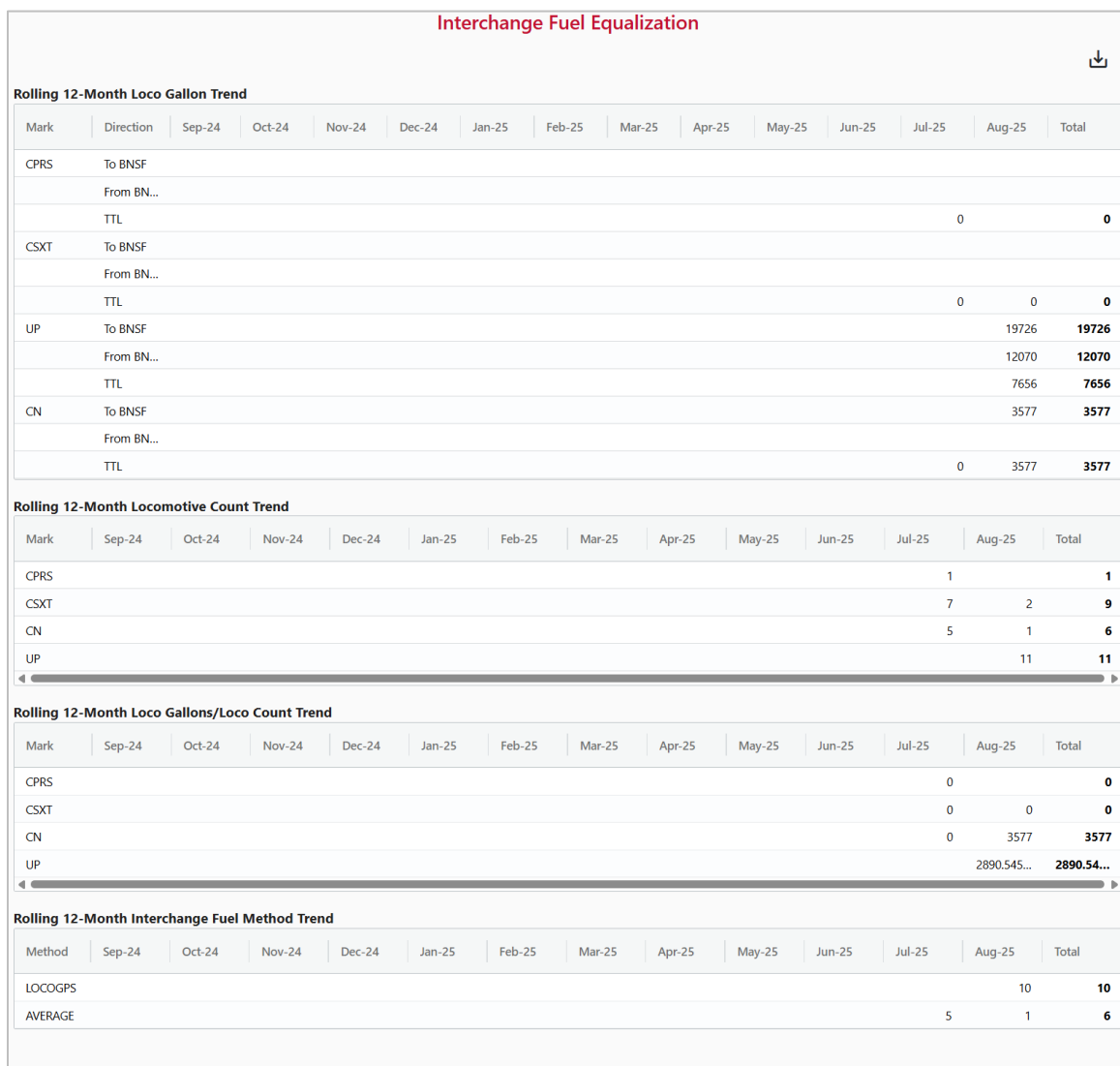
1. The Horsepower Dashboard is the home page when you login, and from anywhere in the application you can select **Dashboard > Horsepower** from the main menu. The Horsepower Reconciliation Dashboard is displayed ([Exhibit 7](#)).

Fuel Dashboard

HPH RTA Viewers and HPH RTA Admins can view a chart of locomotive gallon trends, locomotive count trends and locomotive gallons/locomotive count trends by mark, and fuel method trends for the last 12 months.

Use the following procedure to view the Fuel Dashboard:

1. From the main menu, select **Dashboard > Fuel** from the main menu. The Interchange Fuel Dashboard is displayed.

Exhibit 8. Fuel Dashboard

- To download the data in the chart to a .csv file, select the download icon in the top right and save the file.

Reconciliation

Reconciliation provided in Locomotive Horsepower Hour:

- [HPH Reconciliation](#)
- [Fuel Equalization](#)

HPH Reconciliation

View Horsepower Hour Reconciliation

HPH RTA Viewers and HPH RTA Admins can view reconciliation rows of matched pairs of liabilities between the parties and review the approved Begin and End Interchange values and related hour calculations for System Offline and Foreign Online events.

Use the following procedure to view reconciliation events:

1. From the main menu, select **Reconciliation > HPH Reconciliation**.

Exhibit 9. Manage HPH Reconciliation With System Offline Selected

Manage Horsepower Hour Reconciliation

Type
System Offline

RR Pair
BNSF

YYYY-MM
2025-09

Number of Record(s): 5 of 5

Clear Filters
 ↺
↻

Approve

Haulage

Action	Status	Initial	Number	Type	Haulage	Begin Interchange		From Road	To Road	Location	Gateway	Site ID Name																
						Date Time																						
☐	Approved	BNSF	256	Automated	TRUE	09/16/2025 00:13 CST		BNSF	UP	FORT WORTH, TX	NONE	UP 0000870 TOWER 55 NORTH																
☒	Review	BNSF	1030	Automated	FALSE	09/19/2025 00:36 CDT		BNSF	CSXT	Birmingham, AL	NONE	CSXT 0000348 BIRCSXNEA																
Umler Characteristics Horsepower 4,400 Axle Count 6 Traction Motor Type DC Hour Calculations <table style="width: 100%; font-size: 0.8em;"> <tr> <td>Hours</td> <td>35</td> <td>Bad Order Penalty Hours</td> <td>0</td> </tr> <tr> <td>Grace Hours</td> <td>0</td> <td>FRA Penalty Hours</td> <td>0</td> </tr> <tr> <td>Bad Order Hours</td> <td>0</td> <td>Net Hours</td> <td>35</td> </tr> <tr> <td colspan="2">Total HPH</td> <td colspan="2">154,000</td> </tr> </table> Comments													Hours	35	Bad Order Penalty Hours	0	Grace Hours	0	FRA Penalty Hours	0	Bad Order Hours	0	Net Hours	35	Total HPH		154,000	
Hours	35	Bad Order Penalty Hours	0																									
Grace Hours	0	FRA Penalty Hours	0																									
Bad Order Hours	0	Net Hours	35																									
Total HPH		154,000																										
☐	Review	BNSF	1075	Automated	FALSE	09/20/2025 00:37 PDT		BNSF	UP	WEST COLTON, CA	NONE	BNSF TB75027 SANWAEI																
☐	Review	BNSF	1030	Automated	FALSE	09/25/2025 01:34 PDT		BNSF	CPRS	WEST COLTON, CA	NONE																	
☐	Review	BNSF	3273	Automated	FALSE	09/26/2025 05:31 PDT		BNSF	UP	WEST COLTON, CA	NONE																	

2. Scroll to the right to view all available columns and scroll down to view all records.

Below is a description of the record fields.

Field	Description
Type	Foreign Online represents another railroad's locomotive (different mark than yours) located on your railroad. Foreign Online is selected by default. System Offline represents your railroad's locomotive (your mark) located on another railroad.
RR Pair	The mark of the pair railroad
YYYY-MM	Search records by month/year
Action	Edit and Approve icons
Status	Status of a HPH reconciliation record: Review: a record has been created by an automated batch process or manually by an HPH Admin and remains in Review until both railroad pairs edit or approve the submission Approved: a record has been approved by both railroad pairs Delete: both railroad pairs have approved to delete a record
Initial	The equipment mark or initials
Number	The equipment number
Type	Type of a HPH reconciliation record: Automated: the record was created by an automated batch process and there have been no edits to it by an HPH admin Manual: the record was created or edited by an HPH admin
Haulage	Shows whether or not the HPH Reconciliation record is selected as Haulage: True: the record is selected as Haulage. False: the record is not selected as Haulage.
Begin Interchange	The header for the Begin Interchange with its elements: • Date/Time – select to edit the interchange date/time (see Edit Events) • From Road • To Road • Location • Gateway • Site ID Name – select to view AEI Read History (see View AEI Read History Events)
End Interchange	The header for the End Interchange with its elements: • Date/Time – select to edit the interchange date/time (see Edit Events) • From Road • To Road • Location

	• Gateway • Site ID Name – select to view AEI Read History (see View AEI Read History Events)
Hours	The number of hours between the Begin and End Interchange
Grace Hours	Relief hours defined by the Relief Hour Rules
Bad Order Hours	Relief hours defined by the bad Order Federal Inspection and Horsepower rules
Bad Order Penalty Hours	Penalty hours defined by the Bad Order Horsepower Rules
FRA Penalty Hours	Penalty hours defined by the Bad Order Federal Inspection Rules
Net Hours	Net hours are calculated from Grace Hours, Bad Order Hours, Bad Order Penalty Hours and FRA Penalty Hours
Total HPH	Net hours multiplied by the equipment's horsepower rating in Umler

3. Select a record and select **Haulage** to apply or remove haulage from the record. Haulage changes will need to be approved by both parties.
 - a. To apply haulage to the record (when Haulage equals **False**), select **Save Changes**. This changes **Haulage** to **True**.
 - b. To remove haulage from the record (when Haulage equals **True**), select **Save Changes**. This changes **Haulage** to **False** and restores the associated Interchange Fuel Level records.

Exhibit 10. Apply Haulage Example

The screenshot shows a software interface with a sidebar on the left containing buttons like 'Approve', 'Haulage', 'Action', 'Status', 'Approved', 'Review', and 'Umler'. The main area displays a table titled 'All Finished?' with columns: Equip ID, Haulage, Begin Interchange (From Road, To Road, Date Time, Location), and End Interchange (From Road, To Road, Date Time, Location). A single record is shown: BNSF 1030, FALSE, BNSF CSXT, 09/19/2025 00:36 CDT, Birmingham, AL, CSXT BNSF, 09/20/2025 11:32 CDT, Birmingham. The 'Haulage' cell for this record is highlighted with a red box. Below the table, a message states: 'Please confirm that Haulage is to be applied/unselected for the records above. Approving will remove, and unselecting will restore the associated Interchange Fuel Level records.' At the bottom right are 'Save Changes' and 'Cancel' buttons.

4. To download the displayed records, select the download icon above the table on the right (shown in [Exhibit 9](#)).
5. Filtering is available on all columns. To filter by railroad, enter a railroad mark in the text box below the **Initial** (first) column title.
6. Select the **Advanced Filter** icon for additional fields to filter events ([Exhibit 11](#)). To clear all filters, select **Clear Filter** or select the refresh icon above the table on the right ([Exhibit 9](#)).

Exhibit 11. HPH Reconciliation Advanced Filter

Manage Horsepower Hour Reconciliation

YYYY-MM

2024-07

Number of Record(s): 7

Begin Interchange

End Interchange

Manage HPH Advanced Search

Type

System Offline

RR Pair

BNSF

YYYY-MM

2024-07

Horsepower

Net Hours

Grace

Bad Order

BO Penalty

FRA Penalty

Total HPH

Clear

Cancel

Apply

Edit Horsepower Hour Reconciliation

HPH RTA Admins can edit existing HPH Reconciliation events. Use the following procedure to edit a reconciliation event:

1. The Manage Horsepower Hour Reconciliation is the Home page of Locomotive Horsepower Hour Equalization, or from the main menu, select **Reconciliation > HPH Reconciliation**.
2. Select the edit icon () in the Actions column of the record you want to edit. Scroll down to see the hours fields that are available for editing, marked with an asterisk (*).

Exhibit 12. Edit/Manage HPH Reconciliation Hours

Edit Manage Horsepower Hour Reconciliation Hours

Date Time : 2025-10-14 11:29
Submitter Account : HPHROOT
Submitter Mark : BNSF

Status : Review
Approver Mark : CSXT
Type : Automated

Interchanges
Equipment ID : BNSF1030

Begin Interchange
Date Time : 09/19/2025 00:36 CDT
From Road : BNSF
To Road : CSXT
Location : Birmingham, AL
Gateway : NONE
Site ID Name : CSXT 0000348 BIRCSXNEA

End Interchange
Date Time : 09/20/2025 11:32 CDT
From Road : CSXT
To Road : BNSF
Location : Birmingham, AL
Gateway : NONE
Site ID Name : CSXT 0000348 BIRCSXNEA

Umler Characteristics
Horsepower : 4400
Axle Count : 6
Traction Motor Type : DC

[Horsepower Reconciliation Hours](#)

Hours* : 35

Bad Order Penalty Hours* : 0

Grace Hours* : 0

FRA Penalty Hours* : 0

Bad Order Hours* : 0

Net Hours* : 35

Total HPH* : 154000

Last Comments

Comments


Drag and drop file here
or
Browse for file

Save

Cancel

3. To learn on how each hour is calculated, select the **Horsepower Reconciliation Hours** link. Select **Cancel** to close the pop-up.

Exhibit 13. HPH Liability Hour Calculations

Edit Manage Horsepower Hour Reconciliation Hours

Manage HPH Liability Hour Calculations

Inputs	Calculations
Calculate Interchange Hours Hours = Number of hours in the interval Begin Date Time: 2025-09-19T00:36 CDT End Date Time: 2025-09-20T11:32 CDT hours = 35 Calculate Grace Hours Relief Time Rule Interval: 0 Bad Order Federal Inspection Hours Handoff Days: 0 Penalty Hours: 0 Min: 0 / Max: 0 BO FRA Event Hours: 0 Bad Order Horsepower Hours % Horsepower: 0% Penalty Hours: 0 Penalty Factor: 0 Min: 0 / Max: 0 BO Horsepower Event Hours: 0 Total Non-Overlapping Bad Order Hours = 0	Bad Order Relief Hours BO Hours = BO Relief Hours: 0 + FRA Relief Hours: 0 = 0 BO Hours: 0 Bad Order Penalty and FRA Penalty Hours FRA Penalty Hours: 0 Bad Order Penalty Hours: 0 Calculate NET Hours NET Hours = hours: 35 - (Grace Hours: 0 + BO Hours: 0) + (BO Penalty Hours: 0 + FRA Penalty Hours: 0) = 35 Calculate Total HPH Umler HP Rating (A123): 4400 Total Hours = NET Hours: 35 * Umler HP Rating: 4400 = 154000

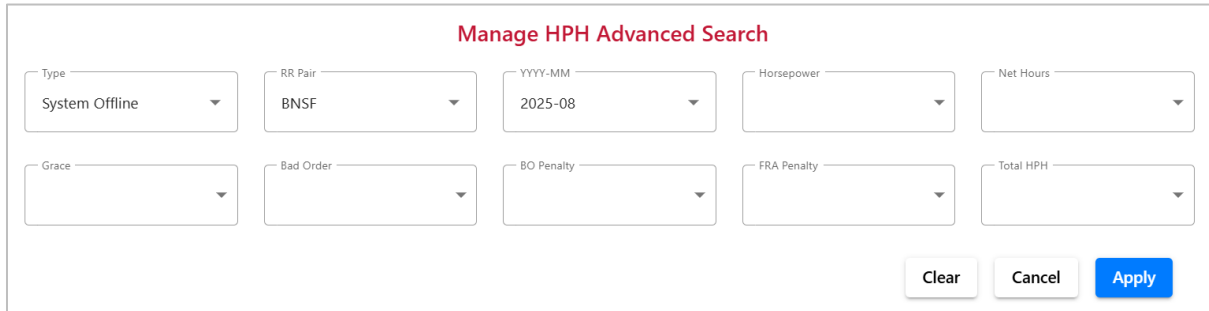
4. Make your updates and enter a comment in the **Comments** field.
5. Attach applicable files to describe your edits by either dragging and dropping the file or select **Browse for File** and select the appropriate file.
 - a. Administrators can attach a file without making any edits or approving by attaching the file and selecting **Cancel** and **Leave**.
 - b. Select the **X** next to the appropriate file to remove it.
6. Once a comment is added and one or more fields have been edited, the Save button is active. Select **Save**, then select **Save Changes** in the confirmation pop-up box.

Approve Horsepower Hour Reconciliation

HPH RTA Admins can approve existing HPH Reconciliation events. Use the following procedure to approve a reconciliation event:

1. The Manage Horsepower Hour Reconciliation is the Home page of Locomotive Horsepower Hour Equalization, or from the main menu, select **Reconciliation** > **HPH Reconciliation**.
2. Select the **Type**, **RR Pair** and **YYYY-MM** to show the records you want to approve. Select the filter icon () to select from additional criteria for an advanced search.

Exhibit 14. Reconciliation Advanced Search



The form is titled "Manage HPH Advanced Search" in red text. It contains two rows of dropdown menus. The first row includes: Type (System Offline), RR Pair (BNSF), YYYY-MM (2025-08), Horsepower, and Net Hours. The second row includes: Grace, Bad Order, BO Penalty, FRA Penalty, and Total HPH. At the bottom right, there are three buttons: Clear, Cancel, and Apply (in blue).

3. To expand a record and view the details, select the arrow in the first column for the record you want to expand. Select it again to hide the details.
4. To approve a single record, select the thumbs up icon in the Action column for the record you want to approve. Select **Approve** and confirm by selecting **Save Changes** in the pop-up to finalize the approval.
5. To apply Haulage and zero out the horsepower reconciliation hours, select the checkbox next to the Action column for the records you want to zero out. Select **Haulage** and **Save Changes**. The pair railroad will be required to approve the applied Haulage.

Unselecting Haulage for a record will send the request to the pair railroad for approval. Once both parties approve, the system restores the horsepower reconciliation hours and any associated Interchange Fuel Level records.

6. To approve more than one record, select the checkboxes next to the Action column for the records you want to approve as shown below. Approving Haulage for a row will remove the Interchange Fuel Level record for the associated interchanges. Select **Approve** and confirm by selecting **Save Changes** in the pop-up to finalize the approval.

Reconciliation

Exhibit 15. Approve HPH Reconciliation

Manage Horsepower Hour Reconciliation

Type

System Offline

RR Pair

BNSF

YYYY-MM

2025-09

Number of Record(s): 5 of 5

Clear Filters

Refresh

Download

Approve

Haulage

Action	Status	Initial	Number	Type	Haulage	Begin Interchange	From Road	To Road	Location	Gateway	Site ID Name
						Date Time					
☐	Approved	BNSF	256	Automated	TRUE	09/16/2025 00:13 CST	BNSF	UP	FORT WORTH, TX	NONE	UP 0000870 TOWER 55 NORTH
☒	Review	BNSF	1030	Automated	FALSE	09/19/2025 00:36 CDT	BNSF	CSXT	Birmingham, AL	NONE	CSXT 0000348 BIRCSXNEA
Umler Characteristics Horsepower 4,400 Axle Count 6 Traction Motor Type DC Hour Calculations Hours 35 Grace Hours 0 Bad Order Hours 0 Bad Order Penalty Hours 0 FRA Penalty Hours 0 Net Hours 35 Total HPH 154,000 Comments											
☐	Review	BNSF	1075	Automated	FALSE	09/20/2025 00:37 PDT	BNSF	UP	WEST COLTON, CA	NONE	BNSF T875027 SANWAEI
☐	Review	BNSF	1030	Automated	FALSE	09/25/2025 01:34 PDT	BNSF	CPRS	WEST COLTON, CA	NONE	
☐	Review	BNSF	3273	Automated	FALSE	09/26/2025 05:31 PDT	BNSF	UP	WEST COLTON, CA	NONE	

Fuel Equalization

View Interchange Fuel Level Reconciliation

HPH RTA Viewers and HPH RTA Admins can view fuel levels. Interchange Fuel Level records are created after both interchange marks have approved an interchange. Interchange Fuel records cannot be created manually, since the interchange parties may not be the owner. The Interchange Fuel Level is requested from the equipment owner in HPH through messaging.

Use the following procedure to view Interchange Fuel Levels:

1. From the Locomotive HPH main menu, select **Reconciliation > Fuel Equalization**.

Exhibit 16. Interchange Fuel Levels Reconciliation

Interchange Fuel Levels

RR Pair

All

MM-YY

Jul-2025

Number of Record(s): 20 of 20

Clear Filters

Refresh

Download

Status	Initial	Number	Interchange	Fuel								
			Date Time	From Road	To Road	Direction	Gateway	Location	Date Time	Method	Tank	
☒	Approved	CSXT	293	07/17/2025 10:34 EDT	BNSF	NS	North	New Orleans	OLIYARD, LA	07/17/2025 11:31	LOCOGPS	50K
☒	Approved	CSXT	293	07/21/2025 17:42 CST	NS	BNSF	South	New Orleans	OLIYARD, LA		AVERAGE	50K
☐	Review	UP	1560	07/07/2025 14:59 PDT	UP	BNSF	West	NONE	VANCOUVER, WA			40K
☐	Review	UP	1560	07/07/2025 16:43 PDT	BNSF	UP	West	NONE	VANCOUVER, WA			40K
☐	Review	UP	2239	07/07/2025 14:59 PDT	UP	BNSF	West	NONE	VANCOUVER, WA			50K
☐	Review	UP	2239	07/07/2025 16:43 PDT	BNSF	UP	West	NONE	VANCOUVER, WA			50K
☒	Approved	BNSF	3863	07/30/2025 19:26 PDT	BNSF	UP	West	NONE	WEST COLTON, ...	07/30/2025 19:26 PDT	LOCOGPS	53K
☒	Approved	BNSF	6983	07/30/2025 19:26 PDT	BNSF	UP	West	NONE	WEST COLTON, ...	07/30/2025 19:26 PDT	LOCOGPS	53K
☒	Approved	CSXT	5372	07/30/2025 17:10 CDT	CSXT	BNSF	South	none	MEMPHIS, TN		AVERAGE	53K

Approve

Reject

Cancel

Reconciliation

2. To download the displayed records, select the download icon above the table on the right.
3. Filtering is available on all columns. To filter by railroad, enter a railroad mark in the text box below the **Initial** (first) column title. To clear all filters, select **Clear Filter** or select the refresh icon above the table on the right.
4. Scroll to the right to view all available columns and scroll down to view all records. Below is a description of the records.

Field	Description
RR Pair	The mark of the pair railroad
MM-YYYY	Search records by month/year
Status	Status of a HPH reconciliation record: Review: a record has been created by an automated batch process or manually by an HPH Admin and remains in Review until both railroad pairs edit or approve the submission Approved: a record has been approved by both railroad pairs Delete: both railroad pairs have approved to delete a record Rejected: only used when a Delete request is Rejected, but either railroad pair can edit
Initial	The equipment mark or initials
Number	The equipment number
Interchange	
Date/Time	Date and time of interchange
From Road	Road's equipment mark or initials for the railroad being interchanged from
To Road	Road's equipment mark or initials for the railroad being interchanged to
Direction	The direction of the interchange (North, South, East or West)
Gateway	If the interchange is near a gateway (like Chicago), or None
Location	City and state of the interchange
Fuel	
Date/Time	Date and time of last fueling
Method	Indicates the fuel level was either provided by the equipment owner or it was averaged
Tank Capacity	Fuel tank size provided by Umler (A113)
Level	The numeric fuel level reported by the equipment owner through messaging. If reported as Not Equipped or Defective, HPH averages the fuel levels for the Interchange location based on the Interchange Fuel Level rule between the Railroad Pair.

Edit Interchange Fuel Level Reconciliation

HPH RTA Admins can edit existing Interchange Fuel Level Reconciliation events.

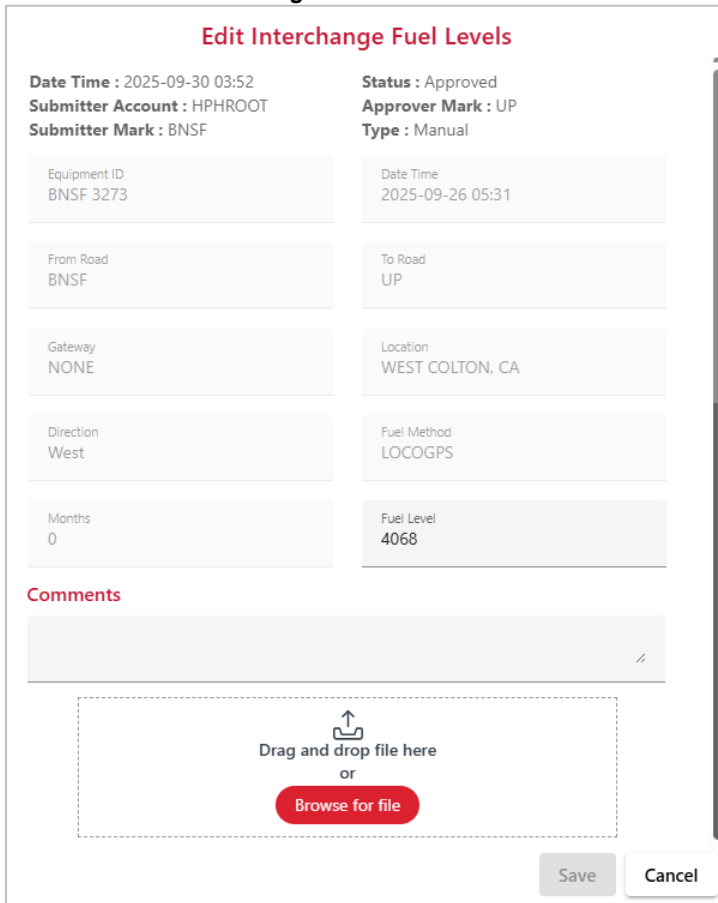
Editing an interchange event that represents Begin or End Interchange will require approval. If approved:

- The hours will be recalculated if the **Date Time** is edited.
- A gap record will be created if the **From Road** and **To Road** marks are edited.

Use the following procedure to edit interchange fuel levels:

1. From the Locomotive HPH main menu, select **Reconciliation > Fuel Equalization**.
2. Select the edit icon () in the Actions column of the record you want to edit. Scroll down to see the fields that are available for editing.

Exhibit 17. Edit Interchange Fuel Levels



Edit Interchange Fuel Levels

Date Time : 2025-09-30 03:52
Submitter Account : HPHROOT
Submitter Mark : BNSF

Status : Approved
Approver Mark : UP
Type : Manual

Equipment ID
BNSF 3273

Date Time
2025-09-26 05:31

From Road
BNSF

To Road
UP

Gateway
NONE

Location
WEST COLTON, CA

Direction
West

Fuel Method
LOGGPS

Months
0

Fuel Level
4068

Comments

Drag and drop file here
or
Browse for file

Save **Cancel**

3. Attach applicable files to describe your edits by either dragging and dropping the file or select **Browse for File** and select the appropriate file.
 - a. Administrators can attach a file without making any edits or approving by attaching the file and selecting **Cancel** and **Leave**.

- b. Select the **X** next to the appropriate file to remove it.
4. Make your updates and enter a comment in the **Comments** field.
5. Once a comment is added and one or more fields have been edited, the Save button is active. Select **Save**, then select **Save Changes** in the confirmation pop-up box.

Approve/Reject Interchange Fuel Level Reconciliation

HPH RTA Admins can approve or reject existing HPH Reconciliation events. Use the following procedure to approve or reject interchange fuel level records:

1. From the Locomotive HPH main menu, select **Reconciliation > Fuel Equalization** ([Exhibit 16](#)).
2. To approve a single record, select the thumbs up icon in the Action column for the record you want to approve. Select **Approve** to approve.
3. To approve or reject more than one record, select the checkboxes in the Action column for the records you want to approve or reject as shown below. Select **Approve** to approve or enter the reason for the rejection in the **Comments** fields for each record and select **Reject** to reject.

Events

The available types of events in Locomotive Horsepower Hour from the **Events** main menu item are:

- [Interchange Events](#) – Interchange events are when a locomotive has traveled from one railroad to a receiving railroad. These can be created manually in the application (as described in this section) or automatically via processing AEI Events against Interchange Chain Rules.
- [AEI History Events](#) – AEI Read History events are the history of Interchange Chains associated with AEI Sites.
- [Bad Order Federal Inspection Events](#) – Bad Order Federal Inspection events are the reported Federal Inspection status (Past Due or Inspected) associated with an equipment ID, inspection type and date. Details for opening and closing past due inspections appear on the same row.
- [Bad Order Horsepower Events](#) – Bad Order Horsepower events are the reported Horsepower percent status (100%-0%) associated with an equipment ID and date. Details for opening and closing reporting repairs appear on the same row.

Interchange Events

View Interchange Events

HPH RTA Viewers and HPH RTA Admins can view events. Use the following procedure to view Interchange Events:

1. From the Locomotive HPH main menu, select **Events > Interchanges**.

Exhibit 18. Interchange Events

Interchanges										
+ Add New Row		Delete	Approve	Foreign Online	RR Pair	MM-YY	Number of Record(s): 1732 of 1732			
					BNSF	Jul-2025	Clear Filters			
Action		Status	Equip ID	Submitter	Chain Name	Site Name	From Road	To Road	Date Time	Location
		Approved	CSXT 293	BNSF	BNSF - NS @ OLIVARD, LA	NS NSNEWNSHR	BNSF	NS	07/17/2025 10:34 EST	OLIVARD, LA
		Review	UP 1920	RAIL	BNSF - CPRS @ KANCITY, KS 1	CPRS Lydia Ave NML	BNSF	CPRS	07/31/2025 15:25 CDT	KANSAS CITY, KS
		Review	UP 1824	RAIL	BNSF - CPRS @ KANCITY, KS 1	CPRS Lydia Ave NML	BNSF	CPRS	07/31/2025 15:25 CDT	KANSAS CITY, KS
		Approved	UP 2239	RAIL	BNSF - UP @ VANCOUVER, WA	BNSF VANS AEI	BNSF	UP	07/07/2025 16:43 PDT	VANCOUVER, WA
		Approved	UP 1560	RAIL	BNSF - UP @ VANCOUVER, WA	BNSF VANS AEI	BNSF	UP	07/07/2025 16:43 PDT	VANCOUVER, WA
		Review	RAIL 897	RAIL	BNSF - NS @ STREATOR, IL	BNSF STRAEI	BNSF	NS	07/31/2025 06:13 CDT	STREATOR, IL
		Review	RAIL 897	RAIL	BNSF - NS @ STREATOR, IL	BNSF STRAEI	BNSF	NS	07/30/2025 06:13 CDT	STREATOR, IL
		Review	RAIL 897	RAIL	BNSF - NS @ STREATOR, IL	BNSF STRAEI	BNSF	NS	07/29/2025 06:13 CDT	STREATOR, IL
		Approved	CSXT 270	RAIL	BNSF - UP @ WCOLTON, CA	BNSF SANWAEI	BNSF	UP	07/22/2025 23:25 PDT	WEST COLTON, CA

2. Filtering is available on all columns. Use the field at the top of each column to filter the data. Scroll down to view all rows and scroll across to view all columns.

- Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order. Sorting on the **From Road** or **To Road** column will sort rules by railroad.

Add Interchange Events

HPH RTA Admins can add new events that show interchange events. New manual interchange events can be added to a loop (when the equipment owner's locomotive leaves and then returns home), as long as interchange chain rules create the Begin and End Liability interchanges.

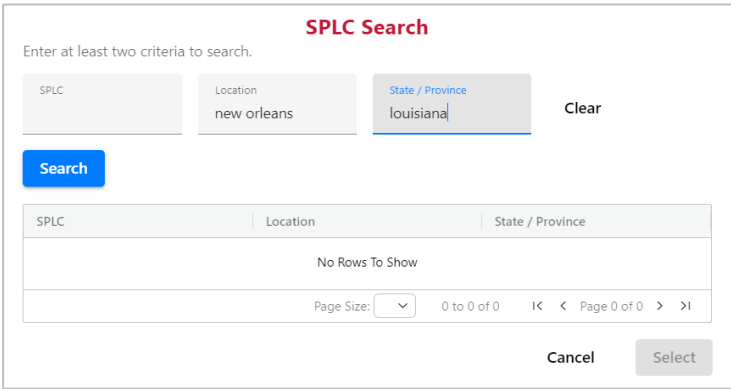
Use the following procedure to add a new Interchange event:

- Select the + **Add New Row** button.

Exhibit 19. Add an Interchange Event

- Enter all required fields (marked with an asterisk). Each field is described below.

Field	Description
Equipment ID*	The mark and initials of the equipment for a locomotive. When entered, the system verifies that the equipment ID is a locomotive.
Date Time*	Select or enter date and time. Must be today or a date in the past.

From Road*	Road's equipment mark or initials for the railroad being interchanged from. Your mark must be either the To Road or From Road to submit.
Time Zone*	Time zone of the Location .
To Road*	Road's equipment mark or initials for the railroad being interchanged to. Your mark must be either the To Road or From Road to submit.
Daylight Savings*	Select Y or N .
Location*	The Location of the device that the From Road and To Road agree upon. Use the lookup icon to search for the location by SPLC, Location and State/Province. Enter at least two of these fields to search. 
Gateway	The Gateway that the From Road and To Road agree upon.
Comments*	Enter comments about the event.

3. Attach applicable files (optional) to describe your edits by either dragging and dropping the file or select **Browse for File** and select the appropriate file.
 - a. Administrators can attach a file without making any edits or approving by attaching the file and selecting **Cancel** and **Leave**.
 - b. Select the **X** next to the appropriate file to remove it.
4. All fields must be entered to save the event. Select **Save**. Select **Save Changes** in the pop-up window to confirm you're ready to submit the event.
5. Once the event is approved, the record status changes from Review to Approved, and it is visible to both interchange event parties.

AEI History Events

View AEI Read History Events

HPH RTA Viewers and HPH RTA Admins can view AEI Reads that are used to compare against Interchange Chain Rules. Reads that fulfill the rule create interchange events. Use the following procedure to view AEI History Events:

1. From the Locomotive HPH main menu, select **Events > AEI History**. The AEI Read History page is displayed.
2. Enter at least one field (**Equipment ID**, **AEI Site Name**, **Interchange Chain Name**) and enter the **From Date Time** and **To Date Time**. Select **Search**.
3. The AEI History Events that match the search criteria are displayed. The Interchange Site column indicates which AEI read represents the Interchange Date Time.

Exhibit 20. AEI Read History Events

AEI Read History

Equipment ID

AEI Site Name

Interchange Chain Name
BNSF - UP @ VANCOUVE

From Date Time*
10/01/2025 00:00

To Date Time*
10/14/2025 23:59

Number of Record(s): 8 of 943

Equip ID ▾	Site Owner	Site ID	Site Name	Direction	Date Time	Time Zone	Daylight Savings	Interchange Chain Name	Interchange created ▾	Interchange site	Date
UP									true		
UP 5810	BNSF	TA75443	VANHILAEI	East	10/07/2025 19:27	080	Y	BNSF - UP @ VA...	TRUE		
UP 5810	BNSF	TA75441	VANSAEI	West	10/07/2025 19:51	080	Y	BNSF - UP @ VA...	TRUE	TRUE	
UP 7931	BNSF	TA75443	VANHILAEI	East	10/13/2025 10:23	080	Y	BNSF - UP @ VA...	TRUE		
UP 7931	BNSF	TA75441	VANSAEI	West	10/13/2025 11:03	080	Y	BNSF - UP @ VA...	TRUE	TRUE	
UP 8169	BNSF	TA75443	VANHILAEI	East	10/13/2025 10:23	080	Y	BNSF - UP @ VA...	TRUE		
UP 8169	BNSF	TA75441	VANSAEI	West	10/13/2025 11:03	080	Y	BNSF - UP @ VA...	TRUE	TRUE	
UP 9070	BNSF	TA75443	VANHILAEI	East	10/13/2025 10:23	080	Y	BNSF - UP @ VA...	TRUE		
UP 9070	BNSF	TA75441	VANSAEI	West	10/13/2025 11:03	080	Y	BNSF - UP @ VA...	TRUE	TRUE	

Bad Order Federal Inspection Events

When an HPH Admin submits a Bad Order Federal Inspection event and the pair railroad approves it, the event is created (event opened) in the **Past Due** status/column of the events list. When the locomotive is **Inspected** (event closed), the inspection details appear in the Inspected column on the same row. See [Edit Events](#) for details on how to edit an event.

View Bad Order Federal Inspection Events

HPH RTA Viewers and HPH RTA Admins can view events. Use the following procedure to view Bad Order Federal Inspection Events:

Events

1. From the Locomotive HPH main menu, select **Events > Bad Order Federal Inspection**.
2. Filtering is available on all columns. To filter by railroad, enter a railroad mark in the text box below the **Initial** (first) column title. Scroll across to view all columns.

Exhibit 21. Bad Order Federal Inspection Events

Bad Order Federal Inspection

+ Add New Row

Number of Record(s): 1357 of 1357

Clear Filters

Initial ▾	Number	Past Due				Inspected			
		Reporter	Date	Type	Source	Reporter	Date	Type	
BNSF ▾									
	BNSF	6981	RAIL	01/02/2001	ANN	HPH			
	BNSF	5211	RAIL	02/09/2006	ANN	HPH			
	BNSF	5772	RAIL	08/27/2006	ANN	HPH			
	BNSF	5281	RAIL	09/03/2006	L3	HPH			
	BNSF	5272	RAIL	09/13/2006	L3	HPH			
	BNSF	1109	RAIL	09/27/2006	ANN	HPH			
	BNSF	5814	RAIL	10/02/2006	ANN	HPH			
	BNSF	5818	RAIL	10/03/2006	ANN	HPH			

Add Bad Order Federal Inspection Events

HPH RTA Admins can add new events that show when a locomotive is passed due for an inspection, and the inspection has been completed. Use the following procedure to add a new Bad Order Federal Inspection event:

1. Select the + **Add New Row** button.

Exhibit 22. Add a New Bad Order Federal Inspection Event

New Bad Order Federal Inspection

Reporter: BNSF Type: Manual

Drop Dead Date:

Equipment ID *

Inspection *

Status *

Date *

Comments

Save Cancel

2. Enter all required fields (marked with an asterisk). Each field is described below.

Field	Description
Equipment ID*	The mark and initials of the equipment.
Inspection*	Select Annual , Periodic , L2 Air Brake or L3 Air Brake .
Status*	Select Past Due or Inspected .
Date*	Enter or select the date by which the inspection is required.
Comments*	Enter comments about the event.

3. All fields must be entered to submit the event. Select **Save**. Select **Save Changes** in the pop-up window to confirm you're ready to submit the event. Once the event is submitted, it appears to the pair railroad as an event in their [Change Approval](#) Bad Order Events table, ready for their review and approval.
4. Once the event is approved, it moves to the Bad Order Inspection Events table where it is visible to your railroad.

Bad Order Horsepower Events

When an HPH Admin submits a Bad Order Horsepower event and the pair railroad approves it, the event is created (event opened) in the **Reported** status/column of the events list. On the same row, when the locomotive is repaired (event closed), the details appear in the **Repaired** column. See [Edit Events](#) for details on how to edit an event.

View Bad Order Horsepower Events

HPH RTA Viewers and HPH RTA Admins can view events. Use the following procedure to view Bad Order Federal Inspection Events:

1. From the Locomotive HPH main menu, select **Events > Bad Order Horsepower**.
2. Filtering is available on all columns. To filter by railroad, enter a railroad mark in the text box below the **Initial** column title. Scroll across to view all columns.

Exhibit 23. Bad Order Horsepower Events

Bad Order Horsepower

+ Add New Row

Number of Record(s): 3 of 20

Clear Filters

Initial	Number	Reported				Repaired	
		Reporter	Date/Time	Source	Status	Reporter	Date/Time
BNSF							
BNSF	250					BNSF	07/12/2021 16:40
☒	BNSF	5014	RAIL	11/17/2023 17:14	HPH	0% (True 0%)	
☒	BNSF	1003	RAIL	12/06/2023 17:34	HPH	0% (True 0%)	

Add Bad Order Horsepower Events

HPH RTA Admins can add new events that show when a locomotive requires a repair, and the repair has been completed. Use the following procedure to add a new Bad Order Horsepower event:

1. Select the + **Add New Row** button.

Exhibit 24. Add a New Bad Order Horsepower Event

New Bad Order Horsepower

Reporter: BNSF Type: Manual

Equipment ID*

Date Time* 08/08/2025 13:48

Status* 100% (True 100%)

Comments

2. Enter all required fields (marked with an asterisk). Each field is described below.

Field	Description
Equipment ID*	The mark and initials of the equipment.
Date Time*	Select or enter date and time.
Status*	Select the percent of the current status of the repair. • Selecting 100% means the locomotive tractive effort is 100% horsepower. • Selecting 75% means the locomotive horsepower is between 75-99%. • Selecting 50% means the locomotive horsepower between 50-74% complete. • Selecting 25% means locomotive horsepower is between 25-49% complete. • Selecting <25% means locomotive horsepower is between 1-24% complete. • Selecting 0% means the locomotive tractive effort is 0% horsepower.
Comments*	Enter comments about the event.

3. All fields must be entered to submit the event. Select **Save**. Select **Save Changes** in the pop-up window to confirm you're ready to submit the event. Once the event is submitted, it

appears to the pair railroad as an event in their [Change Approval](#) Bad Order Events table, ready for their review and approval.

4. Once the event is approved, it moves to the Bad Order Horsepower table where it is visible to your railroad.

Duplicate Events

When an event is submitted that matches an existing active event, it is a duplicate. A pop-up box appears prompting you to select **Keep Editing** and make a change so that it no longer matches the existing event that appears above it. You will only be able to save the new event once the change is made that makes it different from the existing event, or you can cancel out of creating it.

Exhibit 25. Duplicate Bad Order Federal Inspection Event

Bad Order Federal Inspection Duplicate

Status	Equipment ID	Date Time
Active	BNSF5000	05/07/2023 00:00
Duplicate	BNSF5000	05/07/2023 00:00

Keep EditingCancel

Edit Events

HPH RTA Admins can edit and approve existing events. See [Change Approval](#) for details on how to approve Bad Order events that have been edited by your railroad.

Note: If your railroad edits an event, the original event will remain in the Review view until both railroad pairs approve. Once approved, the event is presented as an Approved event, visible to your railroad.

Use the following procedure to edit an existing, active event that appears in one of the event tables (Interchange, Bad Order Federal Inspection, Bad Order Horsepower):

1. From the Locomotive HPH main menu, select **Events**, and select the appropriate event type.
2. Find the event to edit. Select it by clicking on the pencil icon in the first column of the table.

Exhibit 26. Select an Event to Edit

	Initial	Number	Reported				Repaired	
			Reporter	Date/Time	Source	Status	Reporter	Date/Time
	BNSF	5014	RAIL	11/17/2023 17:14	HPH	0% (True 0%)		
	UP	1820	BNSF	12/06/2023 10:43	LHS	0% (True 0%)		
	BNSF	1003	RAIL	12/06/2023 17:34	HPH	0% (True 0%)		

- The Edit pop-up window appears for the appropriate event. Edit the appropriate fields. See the section of the appropriate event above for event field descriptions. Once one or more changes are made including **Comments**, the **Submit Report** button becomes visible.

Exhibit 27. Edit an Event

Edit Bad Order Horsepower

Date Time : 2023-12-06 11:26

Submitter Account : ITGXXK03

Submitter Mark : BNSF

Status : Active

Approver Mark : BNSF

Type : Manual

Equipment ID
BNSF5001

Date Time *
12/01/2023 11:25

Status *
75% (75%-99%)

Last Comments
test GK

Comments
Updating the status %

Save **Delete** Cancel

- Select **Save** to save your changes. Select **Save Changes** in the pop-up window to confirm you're ready to submit the event. Once the event is submitted, it appears in Review status until approved by the pair railroad. Bad Order Events appear in the appropriate [Change Approval](#) events table for the pair railroad's review and approval.

Delete Events

HPH RTA Admins can delete existing events. See [Change Approval](#) for details on how to approve the deletion of Bad Order events that have been edited by your railroad.

Note: If your railroad submits an event deletion, it will continue to be in the events view until the participating railroad approves the delete. Once the other railroad agrees to delete the event, it will be moved to the appropriate [History](#) events table, visible to your railroad and the pair railroad as an historical event that is no longer active.

Use the following procedure to delete an existing, active event that appears in one of the events tables:

1. From the Locomotive HPH main menu, select **Events**, and select the appropriate event type.
2. Find the event to delete. Select it by clicking on the pencil icon in the first column of the table ([Exhibit 26](#)).
3. The Edit pop-up window appears for the appropriate event.

Exhibit 28. Delete an Event

Edit Bad Order Horsepower

Date Time : 2023-12-06 11:26 Status : Active
Submitter Account : ITGKK03 Approver Mark : BNSF
Submitter Mark : BNSF Type : Manual

Equipment ID: BNSF5001 Date Time *: 12/01/2023 11:25

Status *: 75% (75%-99%)

Last Comments: test GK

Comments: Comments to delete

Save **Delete** Cancel

4. Enter a comment in the **Comments** field and select **Delete** to submit the deletion of the event. Select **Delete** in the pop-up window to confirm the event deletion.

When you have submitted an event for deletion, the event remains active until it is approved for deletion by the pair railroad. Bad Order events appear in the pair railroad's [Change Approval](#) event table for their review and agreement to delete. Once the other railroad has agreed to the event deletion, the event will be deleted and will move to the [History](#) event table where it will be visible for historical purposes to your railroad and the other railroad participant.

Restore Events

HPH RTA Admins can restore historical events that are listed in [History](#) event tables. Use the following procedure to restore historical events (Interchanges, Bad Order):

1. From the Locomotive HPH main menu, select **History** and select Interchanges or Bad Order Events.
2. Find the event to restore. Select it by clicking on the restore icon in the first column of the History table.

Exhibit 29. Select an Event to Restore

History: Bad Orders								
Number of Record(s): 4 of 4								Clear Filters
	Status	Date Time	Requestor	Submitter Mark	Approver Mark	Railroad Account	Type	Equipment ID
	Historical	04/02/2025 12:41:57	BSNXB01	UP	BNSF	BSNXB01	Horsepower	UP1000
	Historical	04/02/2025 11:16:37	BSNXB01	BNSF	UP	BSNXB01	Horsepower	UP1000
	Historical	04/02/2025 10:57:58	BSNXB01	BNSF	UP	BSNXB01	Horsepower	UP1000
	Historical	05/13/2024 13:55:44	CURTIN	BNSF	BNSF	CURTIN	Federal Inspections	BNSF9999

- The Initiate Restore pop-up window appears for the selected event.

Exhibit 30. Initiate Event Restore

Initiate Restore Historical Bad Order Horsepower

Date Time : 2025-04-02 12:41

Submitter Account : BSNXB01

Submitter Mark : UP

Status : Historical

Approver Mark : BNSF

Type : Manual

Equipment ID*
UP1000

Date Time*
04/02/2025 10:39

Status*
0% (True 0%)

Last Comments
Test 4/02/2025

Comments

restore

Save Cancel

- Enter a comment in the **Comments** field and select **Save** to restore the event. Select **Save Changes** to confirm the event restoration. Once the other railroad has agreed to restore the event, the event will be restored and added to the appropriate events table where it will be visible as an approved event again to your railroad and the other railroad participant.

RTA Rules

HPH RTA Viewers and HPH RTA Admins can view and edit rules between your railroad and a pair agreement railroad.

The available types of rule calculations in Locomotive Horsepower Hour from the RTA Rules main menu item are:

- [AEI Site Rules](#): AEI device site rules for the passing locomotive.
- [Interchange Chain Rules](#): Defines a set of AEI sites and direction that creates automated interchange records.
- [Haulage Time Rules](#): Trackage rights obtained by one railroad to have its trains operated by another railroad, e.g., From Road, To Road, Gateway and Location.
- [Relief Time Rules](#): Grace hours that are agreed to by rule to interchange a locomotive before the Horsepower Hour counts begin.
- [Bad Order Federal Inspection Rules](#): The rules to be processed between two Pair Railroads when a locomotive has a past due Federal Inspection status.
- [Bad Order Horsepower Rules](#): The rules to be processed between two Pair Railroads when a locomotive Horsepower is below the Run-Through Agreement level.
- [Interchange Fuel Level Rules](#): The rules to be processed between two Pair Railroads when a locomotive fuel level is below the agreed Interchange Fuel Level.

Statuses for the rules are:

- **Approved**: represents agreed upon calculation rules that are in **Approved** status. Approved rules appear in the RTA Rules tables.
- **Rejected**: prevents a delete from being sent to the History view until both parties approve the delete.
- **Review**: represents calculation rules that are awaiting agreement/approval by the reviewing railroad.
- **Historical**: represents calculation rules that have been replaced by a newer rule or rules that have been deleted (see [History](#), [Delete Rules](#)).

AEI Site Rules

View AEI Site Rules

HPH RTA Viewers and HPH RTA Admins can view rules. All railroads can view all AEI sites. Use the following procedure to view AEI Site rules:

1. From the Locomotive HPH main menu, select **RTA Rules > AEI Sites**.
2. Filtering is available on all columns. Use the field at the top of each column to filter the data. Scroll down to view all rows.
3. Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order.

Exhibit 31. AEI Site Rules

AEI Sites														
+ Add New Row		Number of Record(s): 2611 of 2611 Clear Filters												
Owner Mark	Site ID	Site Name	BNSF	CN	CPKC	CPRS	CSXT	FXE	KCS	KCSM	NOPB	NS	UP	
☒	BNSF	TA75187	Beaumont South											Wall ST BN
☒	BNSF	TA75188	Tenaha South											
☒	BNSF	TA75192	Galveston North											
☒	BNSF	TA75194	Rosenberg South											
☒	BNSF	TA75195	Seadrift North											
☒	BNSF	TA75196	Boutte East											1800 Boutte Ea
☒	BNSF	TA75197	Berwick East											
☒	BNSF	TA75200	Lafayette East											
☒	BNSF	TA75201	Lafayette West											
☒	BNSF	TA75202	Midland East											
☒	BNSF	TA75205	Corwith South											
☒	BNSF	TA75206	Corwith North 1											ASHLAND AVE
☒	BNSF	TA75208	Joliet East 1											1803 Joliet East
☒	BNSF	TA75209	Joliet West 1											BING1
☒	BNSF	TA75210	Streator West 1											
☒	BNSF	TA75211	Pt Madison East 1											

Edit/Delete AEI Site Rules

HPH RTA Admins can edit and remove existing AEI Site details. Removing AEI Sites also removes them from all Interchange Chain Rules where the AEI Site had been added ([Exhibit 35](#)).

Use the following procedure to edit an AEI Site:

1. From the main menu, select **RTA Rules > AEI Sites**. The AEI Sites page is displayed ([Exhibit 31](#)).
2. Select the edit icon in the left column of the record you want to edit or delete ([Exhibit 32](#)). The Edit AEI Site pop-up is displayed.
 - To edit, make your updates and enter a comment in the **Comments** field. Once a comment is added and one or more fields have been edited, the Save button is active. Select **Save** and select **Save Changes** in the confirmation pop-up box.
 - To delete, enter a comment in the Comments field. Once a comment is added, the Delete button is active. Deleting an AEI Site will remove it from any Interchange Chain Rules where it had been added. Select **Delete** and select **Delete** again in the confirmation pop-up box.

Exhibit 32. Edit or Delete AEI Site

Edit AEI Site

Date Time : 2024-09-06 03:56
Submitter Account : ITGXXK01
Submitter Mark : BNSF

Status : Active
Approver Mark :

Site Owner
BNSF

Site Name*
Seadrift North

Latitude
28.562166

Site Id*
TA75196

Time Zone*
CT-6

Longitude
-96.737641

Comments
Updated Site ID

Save

Delete

Cancel

Add AEI Site Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new AEI Site rule:

1. From the main menu, select **RTA Rules > AEI Sites**. The AEI Sites page is displayed ([Exhibit 31](#)).
2. Select the + **Add New Row** button.

Exhibit 33. Add a New AEI Site Rule

3. Enter all required fields (marked with an asterisk). Each field is described below.

Field	Description
Site Owner	The Site Owner mark (pre-populated).
Site ID*	The interchange Site ID .
Site Name*	The AEI interchange Site Name .
Time Zone*	Time Zone of the device site location.
Latitude	Latitude of the device site location.
Longitude	Longitude of the device site location.
Comments	Enter Comments about the rule.

4. Select **Save** to save the rule. Select **Save Changes** in the pop-up window to confirm you're ready to submit the rule. Once the rule is submitted, it is added to the AEI Site Rules ([Exhibit 31](#)).

Interchange Chain Rules

View Interchange Chain Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view AEI Interchange Chain rules:

1. From the Locomotive HPH main menu, select **RTA Rules > Interchange Chains**.
2. Filtering is available on all columns. Use the field at the top of each column to filter the data. Scroll down to view all rows.
3. Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order.

Exhibit 34. Interchange Chain Rules

Interchange Chains Rules							
+ Add New Row		Delete	Approve	Number of Record(s): 99 of 99 Clear Filters			
Action		Status	From Road	To Road	Location	Chain Name	Comments
 	☒	Review	CPRS	BNSF	Daybluff	CP-BNSF @ Daybluff 39	changed interchange location
 	☐	Review	CPRS	BNSF	CHICAGO, IL	CP-BNSF @ Chicago 3 (CLEARING)	changed interchange location
 	☐	Review	CPRS	BNSF	Chicago, IL	CP-BNSF @ Chicago 7 (BLUISLAND)	changed interchange location
 	☐	Review	BNSF	CPRS	Daybluff	BNSF-CPRS @ Daybluff 20	changed interchange location
 	☐	Review	BNSF	CPRS	DAYBLUFF	BNSF - CPRS @ Daybluff 42	changed interchange location
 	☐	Review	BNSF	CPRS	Daybluff	BNSF-CPRS @ DAYBLUFF 39	changed interchange location
 	☐	Review	CPRS	BNSF	DAYBLUFF	CPRS-BNSF @ DAYBLUFF 3	changed interchange location
 	☐	Review	BNSF	KCS	Kansas City	BNSF-KCS @ KANSAS CITY 2	changed interchange
 	☐	Review	BNSF	KCS	Kansas City	BNSF-KCS @ Kansas City 17	changed interchange location

Add Interchange Chain Rules

HPH RTA Admins can add new rules. With Interchange Chain rules, you can add a chain of up to seven (7) AEI sites. Use the following procedure to add a new Interchange Chain rule:

1. From the Locomotive HPH main menu, select **RTA Rules > Interchange Chains**.
2. Select the **+ Add New Row** button.

Exhibit 35. Add a New Interchange Chain Rule

New Interchange Chain Rule

Submitter Mark: BNSF

Interchange Rule

From Road* To Road* Gateway* Location*

Interchange Chain Sites

Name* Time* Hours

AEI Section 1

Name* 1 Direction* North ID Owner* Offset Minutes

Comments

Save Cancel

3. Enter all required fields (marked with an asterisk). Each field is described below.

Field	Description															
Interchange Rule																
From Road*	Road equipment mark or initials for the railroad being interchanged from															
To Road*	Road equipment mark or initials for the railroad being interchanged to															
Gateway*	The Gateway that the From Road and To Road agree upon															
Location*	The Location of the haulage that the From Road and To Road agree upon. Use the lookup icon to search for the location by SPLC, Location and State/Province. Enter at least two of these fields and select Search. SPLC Search Enter at least two criteria to search. SPLC Location new orleans State / Province LA Clear Search <table><tr><th>SPLC</th><th>Location</th><th>State / Province</th></tr><tr><td>647000203</td><td>LA STATE UNIV-NEW ORLEANS</td><td>LA</td></tr><tr><td>647000252</td><td>USFPO LOUISIANA NEW ORLEANS...</td><td>LA</td></tr><tr><td>647013000</td><td>NEW ORLEANS IMS</td><td>LA</td></tr><tr><td>647000260</td><td>COAST GUARD GRP NEW ORLEAN...</td><td>LA</td></tr></table> Cancel Select	SPLC	Location	State / Province	647000203	LA STATE UNIV-NEW ORLEANS	LA	647000252	USFPO LOUISIANA NEW ORLEANS...	LA	647013000	NEW ORLEANS IMS	LA	647000260	COAST GUARD GRP NEW ORLEAN...	LA
SPLC	Location	State / Province														
647000203	LA STATE UNIV-NEW ORLEANS	LA														
647000252	USFPO LOUISIANA NEW ORLEANS...	LA														
647013000	NEW ORLEANS IMS	LA														
647000260	COAST GUARD GRP NEW ORLEAN...	LA														

Interchange Chain Sites	
Name*	Name of the interchange chain site– select to view the AEI Read History for the specific chain (see Exhibit 20)
Time*	The number of hours from beginning to end of interchanges
AEI Sections	
Name*	Name of the device
Direction*	The direction the locomotive is headed: North, South, East, or West
ID Owner*	The interchange Site ID and Owner mark
Offset	Provisional gap time in minutes allowed to pass the device
Comments	Enter Comments about the rule

4. Select the + icon to add up to five (5) AEI Sections with up to five (5) AEI Sites. Use the red trash icon to remove sites.
5. Select the checkbox for the interchange that represents the date/time for the AEI device.
6. Select **Save** to save the rule. Select **Save Changes** in the pop-up window to confirm you're ready to submit the rule. Once the rule is submitted, it is added to the Interchange Chain Rules ([Exhibit 34](#)).

To remove Interchange Chain Rules, see [Delete Rules](#).

Haulage Time Rules

View Haulage Time Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view Haulage Time rules:

1. From the Locomotive HPH main menu, select **RTA Rules > Haulage Time**. The Haulage Time Rules page is displayed.
2. To filter by railroad, select a railroad from the drop-down list in the upper left.

Exhibit 36. Haulage Time Rules

Haulage Time Rules						
Railroad:	+ Add New Row					
	From Road	To Road	Gateway	Location	Traffic Type	Move Destination
	BNSF	CSXT	NWOH	Chicago, IL	Intermodal	NWOH
	CSXT	BNSF	NWOH	NWOH	Intermodal	Chicago, IL
	BNSF	CSXT	Atlanta	Birmingham, AL	Intermodal	Fairburn, GA
	CSXT	BNSF	Atlanta	Fairburn, GA	Intermodal	Birmingham, AL

Add Haulage Time Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new Haulage Time rule:

1. From the Locomotive HPH main menu, select **RTA Rules > Haulage Time**. The Haulage Time Rules page is displayed ([Exhibit 36](#)).
2. Select the + **Add New Row** button.

Exhibit 37. Add a New Haulage Time Rule

New Haulage Time Rule

From Road *

To Road *

Gateway

Location *

Traffic Type

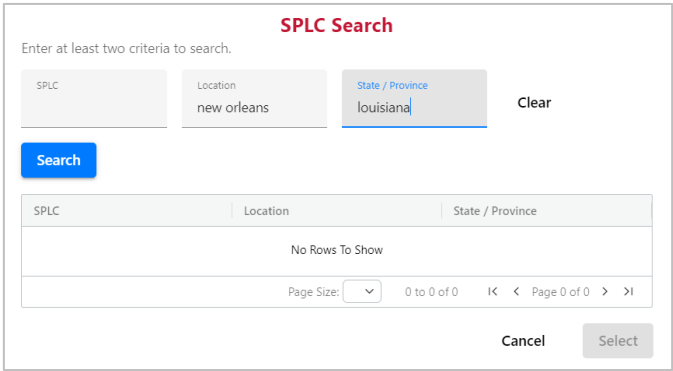
Move Destination

Save

Cancel

3. Enter all required fields (marked with an asterisk). See a description for each field below.

Field	Description
From Road*	Road equipment mark or initials for the railroad being interchanged from
To Road*	Road equipment mark or initials for the railroad being interchanged to
Gateway	The Gateway that the From Road and To Road agree upon

Location*	The Location of the haulage that the From Road and To Road agree upon. Use the lookup icon to search for the location by SPLC, Location and State/Province. Enter at least two of these fields to search. 
Traffic Type	The description of the material being hauled (e.g., coal, grain)
Move Destination	The agreed upon destination city, state/province, or railyard

4. Select **Save** to save the rule. Select **Submit Changes** in the pop-up window to confirm you're ready to submit the rule. Once you submit the rule, it appears to the other railroad participant as a rule in their [Change Approval](#) table, ready for their review and approval.
5. Once the rule is approved by the other railroad, it moves to the Haulage Time Rules table where it is visible to your railroad and the other railroad participant that approved it.

Relief Time Rules

View Relief Time Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view Relief Time rules:

1. From the Locomotive HPH main menu, select **RTA Rules** > **Relief Time**. The Relief Time Rules page is displayed.
2. To filter by railroad, select a railroad from the drop-down list in the upper left.

Exhibit 38. Relief Time Rules

Relief Time Rules

Railroad:

+ Add New Row

Number of Record(s): 37 of 37

Clear Filters

Relief Time Types

Status	From Road	To Road	Begin Interchange	Begin Geo Value	End Interchange	End Geo Value	Relief Time Type	Indicator Hours	
	Approved	BNSF	NS	Any	Any	Any	Any	UP_TO_HOURS	24
	Approved	BNSF	NS	Location	STREATOR, IL	Location	STREATOR, IL	ALL_FREE	48
	Approved	BNSF	NS	Location	CICERO, IL	Location	CICERO, IL	ALL_FREE	48
	Approved	NS	BNSF	Any	Any	Any	Any	UP_TO_HOURS	24
	Approved	BNSF	NS	Gateway	Chicago	Gateway	Chicago	UP_TO_HOURS	48
	Review	BNSF	CSXT	Location	Birmingham, AL	Location	Birmingham, AL	UP_TO_HOURS	50
	Approved	NS	BNSF	Gateway	Chicago	Gateway	Chicago	UP_TO_HOURS	48
	Approved	NS	BNSF	Gateway	New Orleans	Gateway	New Orleans	UP_TO_HOURS	48

Add Relief Time Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new Relief Time rule:

1. From the Locomotive HPH main menu, select **RTA Rules > Relief Time**. The Relief Time Rules page is displayed ([Exhibit 38](#)).
2. Select the + **Add New Row** button.

Exhibit 39. Add a New Relief Time Rule

New Relief Time Rule

From Road*

To Road*

Begin Interchange*

End Interchange*

Begin Geo*

End Geo*

Relief Time Type*

Indicator Hours*

Comments

Save

Cancel

3. Enter all required fields (marked with an asterisk). See a description for each field below.

Field	Description
From Road*	Road equipment mark or initials for the railroad being interchanged from
To Road*	Road equipment mark or initials for the railroad being interchanged to
Begin Interchange*	The specified Begin Interchange Geography Type: Gateway or Location
End Interchange*	The specified End Interchange Geography Type: Gateway or Location
Begin Geo*	Depends on the selected Begin Interchange Type. If Gateway, then HPH provided, and this rule factor is TRUE when the Manage HPH Liability record matches the Begin Gateway in the Relief Time Rule between the pair railroads. If Location, then this rule factor is TRUE when the Manage HPH Liability record matches the Begin Location in the Relief Time Rule between the pair railroads. If Any, then this rule factor doesn't require a specific Gateway or Location to be TRUE.
End Geo*	Dependent on the selected End Interchange Type. If Gateway, then HPH provided, and this rule factor is TRUE when the Manage HPH Liability record matches the End Gateway in the Relief Time Rule between the pair railroads. If Location, then this rule factor is TRUE when the Manage HPH Liability record matches the End Location in the Relief Time Rule between the pair railroads. If Any, then this rule factor doesn't require a specific Gateway or Location to be TRUE.
Relief Time Type*	Type of Relief Time: UP_TO_HOURS - This type of relief time provides relief up to and including the Relief hours. If the relief hours are exceeded, all hours become HPH accountable. If the relief hours are not exceeded, then no HPH or fuel. ALL_FREE - This type of relief provides for all hours above the number of hours specified. If the specified hours equals 0, then all hours are relieved. FREE_TIME - This type of relief provides a set amount of time before HPH accrual begins.
Indicator Hours	Number of hours of provisional relief time, Grace Hours. This field is required and must be a number.

4. Select **Save** to save the rule. Select **Submit Changes** in the pop-up window to confirm you're ready to submit the rule. New and edited Relief Time Rules remain in the **Review** status, waiting for approvals.
5. Once both sides have approved, the status is updated to **Approved**.

Bad Order Federal Inspection Rules

View Bad Order Federal Inspection Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view Bad Order Federal Inspection rules:

1. From the Locomotive HPH main menu, select **RTA Rules > Bad Order Federal Inspections**.
2. Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order.

Exhibit 40. Bad Order Federal Inspection Rules

Bad Order Federal Inspection Rules					Bad Order Federal Inspection Rules Types
+ Add New Row					
Pair Road ↑	Hand-of Offset	FRA Due Date Penalty Hours	MIN	MAX	
✎ CN	1	300	24	288	
✎ CP	100	100	100000	100000	
✎ CSXT	201	201	201	201	
✎ CSXT	14	4	4	4	
✎ CSXT	100	100	100	100	
✎ CSXT	230	230	120	229	
✎ CSXT	12	12	12	12	
✎ CSXT	10	10	10	11	
✎ KCS	1	24	8	96	
✎ KCSM	1	24	8	96	
✎ UP	4	48	12	96	
1 to 11 of 11					Page 1 of 1

Add Bad Order Federal Inspection Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new Bad Order Federal Inspection rule:

1. Select the + **Add New Row** button.

Exhibit 41. Add a New Bad Order Federal Inspection Rule

New Bad Order Federal Inspection Rule

Pair Railroad *

FRA Due Date Penalty Hours

MAX

Comments

Hand-off Offset (Days) *

MIN

Save

Cancel

2. Enter all required fields (marked with an asterisk). See a description for each field below.

Field	Description
Pair Railroad*	The Pair Railroad is the interchange partner. To prevent duplication, a Pair Railroad can be selected for only one Bad Order Federal Inspection rule. Once a Pair Railroad has a rule, it no longer appears in the selection list. Only Pair Railroads without a Bad Order Federal Inspection Rule are available to select from this list.
Hand-off Offset (Days)*	The minimum number of days between an interchange and the FRA Drop Dead Date in order for relief to apply. Charges begin after the number of days have passed.
FRA Due Date Penalty Hours	The penalty hours applied when the equipment is returned past due.
MIN	The minimum relief hours to qualify.
MAX	The maximum relief hours to qualify.
Comments	Enter any comments about the rule.

3. Select **Save** to save the rule. Select **Submit Changes** in the pop-up window to confirm you're ready to submit the rule. Once you submit the rule, it appears to the other railroad participant as a rule in their [Change Approval](#) table, ready for their review and approval.
4. Once the rule is approved by the other railroad participant, it moves to the Bad Order Federal Inspection Rules table where it is visible to your railroad and the other railroad participant that approved it.

Bad Order Horsepower Rules

View Bad Order Horsepower Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view Bad Order Horsepower rules:

1. From the Locomotive HPH main menu, select **RTA Rules > Bad Order Federal Inspection**.
2. Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order.

Exhibit 42. Bad Order Horsepower Rules Table

+ Add New Row

Bad Order Horsepower Rules

Bad Order Horsepower Rules Types

	Pair Road	% Horsepower	MIN	MAX	Bad Order Penalty Hours	Bad Order Penalty Factor
	CP	300	300	300	300	300
	UP	11	11	12	10	10
	UP	10	10	100	100	100
	UP	0	100	99	99	999
	UP	0	100	101	100	100
	KCSM	10	10	11	10	10
	NS	0	12	96	12	2
	CP	0	200	200	200	200
	CP	0	202	202	202	202
	CP	0	0	100	96	96
	CP	1	1	1	1	1

1 to 11 of 11

<

>

Page 1 of 1

Add Bad Order Horsepower Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new Bad Order Horsepower rule:

1. From the Locomotive HPH main menu, select **RTA Rules > Bad Order Federal Inspection**.
2. Select the **+ Add New Row** button.

Exhibit 43. Add a New Bad Order Horsepower Rule

New Bad Order Horsepower Rule

Pair Railroad *

% Horsepower *

MIN

MAX

Bad Order Penalty Hours

Bad Order Penalty Factor

Comments

Save

Cancel

3. Enter all required fields (marked with an asterisk). See a description for each field below.

Field	Description
Pair Railroad*	The Pair Railroad is the interchange partner. To prevent duplication, a Pair Railroad can be selected for only one Bad Order Horsepower rule. Once a Pair Railroad has a rule, it no longer appears in the selection list. Only Pair Railroads without a Bad Order Horsepower Rule are available to select from this list.
% Horsepower*	The minimum horsepower percent to trigger the rule.
MIN	The minimum relief hours to qualify.
MAX	The maximum relief hours to qualify.
Bad Order Penalty Hours	If the Bad Order Hours exceeds the Max, then the Bad Order Penalty Hours are added.
Bad Order Penalty Factor	If the Bad Order Hours exceeds the Max, then the excessive hours are multiplied by the penalty factor.
Comments	Enter any comments about the rule.

4. Select **Save** to save the rule. Select **Submit Changes** in the pop-up window to confirm you're ready to submit the rule. Once you submit the rule, it appears to the other railroad participant as a rule in their [Change Approval](#) table, ready for their review and approval.
5. Once the rule is approved by the other railroad participant, it moves to the Bad Order Horsepower Rules table where it is visible to your railroad and the other railroad participant that approved it.

Interchange Fuel Level Rules

View Interchange Fuel Level Rules

HPH RTA Viewers and HPH RTA Admins can view rules. Use the following procedure to view Interchange Fuel Level rules:

1. From the Locomotive HPH main menu, select **RTA Rules > Interchange Fuel Level**.
2. Filtering is available on all columns. Use the field at the top of each column to filter the data. Scroll down to view all rows.
3. Sort on a column by selecting the column header. Up arrow is ascending, and down arrow is descending order.

Exhibit 44. Interchange Fuel Level Rules

Interchange Fuel Level Rules				
+ Add New Row		Number of Record(s): 7 of 7 Clear Filters		
Action	Status	Pair Road	Interval	Comments
 	Review	CSXT	2 Months	Approve, to Test editing a rule
	Review	CN	1 Month	1 month
	Review	FXE	1 Month	1 month
	Review	CPKC	1 Month	Curtin - Testing Delete
	Approved	CPRS	1 Month	
	Review	NS	1 Month	
	Review	UP	1 Month	

Add Interchange Fuel Level Rules

HPH RTA Admins can add new rules. Use the following procedure to add a new Interchange Fuel Level rule:

1. From the Locomotive HPH main menu, select **RTA Rules > Inspection Fuel Level**.
2. Select the + **Add New Row** button.

Exhibit 45. Add a New Inspection Fuel Level Rule

New Interchange Fuel Level Rule

Submitter Mark: BNSF

Pair Road* ▼ Interval*

Comments

Save Cancel

3. Enter all required fields (marked with an asterisk). See a description for each field below.

Field	Description
Pair Railroad*	The Pair Railroad is the interchange partner. To prevent duplication, a Pair Railroad can be selected for only one Bad Order Horsepower rule. Once a Pair Railroad has a rule, it no longer appears in the selection list. Only Pair Railroads without a Bad Order Horsepower Rule are available to select from this list.
Interval*	Interchange Fuel Level Interval value is the number of Months to Average the Fuel Levels for the Interchange when the equipment owner responds that the locomotive doesn't have a remote fuel sensor, or it is defective.
Comments	Enter any comments about the rule.

Duplicate Rules

The application prevents users from creating new rules for identical railroad pair. For example, Interchange Chain Rules cannot have the same AEI Sites and Direction with the same AEI sections and order. The Pair Railroad list is shortened when there are existing rules for the other Pair Railroads.

Edit Rules

HPH RTA Admins can edit existing rules.

Note: If your railroad edits a rule, the original Approved rule will change to Review status, ready for the other railroad participant's review and approval of your change. Once they approve, the rule changes to Approved status, visible to your railroad and the other railroad participant that approved it.

Use the following procedure to edit an existing, active rule that appears in one of the rules tables:

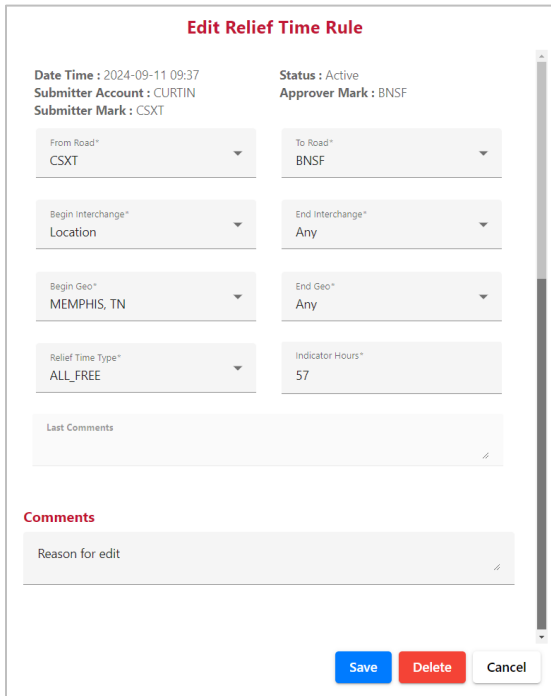
1. From the Locomotive HPH main menu, select **RTA Rules**, and select the appropriate rule type.
2. Find the rule to edit. Select it by clicking on the edit icon in the first column of the table.

Exhibit 46. Select a Rule to Edit

	From Road	To Road	Begin Interchange
	BNSF	CPRS	Location
	CSXT	BNSF	Location
	CSXT	BNSF	Location
	CSXT	BNSF	Location

3. The Edit pop-up window appears for the appropriate rule. Edit the appropriate fields. See the section of the appropriate rule above for rule field descriptions.
4. Enter the reason for the changes in the **Comments** field.
5. Once one or more changes are made and a comment added, the **Save** button becomes visible.

Exhibit 47. Edit a Rule



6. Select **Save** to save your changes. Select **Save Changes** in the pop-up window to confirm you're ready to submit the rule. Once the rule is submitted, it appears to the other railroad participant for their review and approval.

Delete Rules

HPH RTA Admins can delete existing rules.

Note: If your railroad submits a rule deletion, it will continue to be in the Review status until both railroads approve the change. Once the other railroad agrees to delete the rule, it will change to Historical status the [History](#) table, visible to your railroad and the other railroad participant as a historical rule that is no longer active.

Use the following procedure to delete an existing, active rule that appears in one of the rules tables:

1. From the Locomotive HPH main menu, select **RTA Rules**, and select the appropriate rule type.
2. Find the rule to delete. Select it by clicking on the edit icon in the first column of the table ([Exhibit 46](#)).
3. The Edit pop-up window appears for the appropriate rule.

Exhibit 48. Delete a Rule

Edit Relief Time Rule

Date Time : 2024-09-11 09:37 Status : Active
 Submitter Account : CURTIN Approver Mark : BNSF
 Submitter Mark : CSXT

From Road*
CSXT

To Road*
BNSF

Begin Interchange*
Location

End Interchange*
Any

Begin Geo*
MEMPHIS, TN

End Geo*
Any

Relief Time Type*
ALL_FREE

Indicator Hours*
58

Last Comments

Comments

Comment

Save Delete Cancel

4. Enter the reason for deletion in the **Comments** field.
5. Select **Delete** to submit the deletion of the rule. Select **Delete** in the pop-up window to confirm the rule deletion.
6. Once you submit the rule for deletion, the rule is moved to Review status, ready for the other railroad participant's review and agreement to delete. Once the other railroad has agreed to the rule deletion, the rule will be deleted and will move to the [History table](#) where it will be visible for historical purposes to your railroad and the other railroad participant.

Restore Rules

HPH RTA Admins can restore historical rules that are listed in the Rules History table. Use the following procedure to restore historical rules (Interchange Chains, Bad Order, Haulage Time, Relief Time, Interchange Fuel Level):

1. From the Locomotive HPH main menu, select **History**, and select from the list of rules (e.g., Interchange Chains Rules).
2. Find the rule to restore. Select it by clicking on the restore icon in the first column of the Rules History table.

Exhibit 49. Select a Rule to Restore

History: Interchange Chain Rules

Number of Record(s): 200 of 200 [Clear Filters](#)

	Status	Date Time	Submitter	Approver	From Road	To Road	Location	Site ID	Chain Name	Comments
	Historical	10/29/2024 10:52:34	BNSF	CSXT	CSXT	BNSF	NWOHIICTF, OH		CSXT - BNSF @ NWOHIICTF, OH West	Curtin: Temporarily adding
	Historical	10/29/2024 10:51:41	BNSF	NS	BNSF	NS	Cicero, IL		BNSF - NS @ CICERO, IL East	Curtin: Temporarily adding
	Historical	10/23/2024 11:14:01	BNSF	NS	BNSF	NS	Cicero, IL		BNSF - NS @ CICERO, IL East	Curtin: Updated Duration
	Historical	10/23/2024 10:24:51	CSXT	BNSF	CSXT	BNSF	NWOHIICTF, OH		CSXT - BNSF @ NWOHIICTF, OH West	Curtin: Temporarily adding

- The Initiate Restore pop-up window appears for the appropriate rule.

Exhibit 50. Initiate Rule Restore

Initiate Restore Historical Interchange Chain Rule

Date Time : 2024-10-29 10:52 **Status :** Historical
Submitter Account : CURTIN **Approver Mark :** CSXT
Submitter Mark : BNSF

Interchange Rule

From Road CSXT	To Road BNSF	Gateway NONE	Location NWOHIICTF, OH
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Interchange Chain Sites

Name CSXT - BNSF @ NWOHIICTF, OH West	Time 24	Hours
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AEI Section 1 ☒

Save Cancel

- Scroll down to the **Comments** field and enter the reason for restoring the rule. When a comment is added, the Save button becomes active.
- Select **Save** to restore the rule. Select **Save Changes** to confirm the rule restoration. Once you submit the rule for restoration, the rule is ready for the other railroad participant's review and agreement to restore. Once the other railroad has agreed to restoring the rule, the rule will be restored and added to the appropriate rules table where it will be visible as an approved rule again to your railroad and the other railroad participant.

Change Approval

HPH RTA Admins can approve or reject rules or events. Use the following procedure to approve or reject Bad Order Rules, Bad Order Events and Haulage Rules in Review status that have been submitted by another railroad participant. See [Delete Events](#) and [Delete Rules](#) for details about deleting events and rules.

1. From the Locomotive HPH main menu, select **Change Approval**. Select the appropriate rule or event type.
2. Filtering is available on all columns. To filter by approver railroad, enter your railroad mark in the text box below the **Approver Mark** column title. Scroll across to view all the columns.

Exhibit 51. Rules Change Approvals Table

RAILINC Locomotive Horsepower Hour Equalization BNSF Launch Pad Sign Out

Reconciliation Events RTA Rules Change Approval History User Guide

Change Approvals: Bad Order Events

Number of Record(s): 4683 of 4683 Clear Filters

	Status	Date: Time	Submitter Account	Submitter Mark	Approver Mark	BO Type	Initial	Number	Date	Tim
	☒	Review	03/18/2025 15:17:09	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	4354	10/30/2012
	☐	Review	03/18/2025 15:17:08	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	6004	06/24/2007
	☐	Review	03/18/2025 15:17:08	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	9241	07/01/2010
	☐	Review	03/18/2025 15:17:07	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	9059	07/04/2024
	☐	Review	03/18/2025 15:17:07	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	2771	01/04/2008
	☐	Review	03/18/2025 15:17:07	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	9984	06/15/2012
	☐	Review	03/18/2025 15:17:06	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	6626	11/30/2024
	☐	Review	03/18/2025 15:17:06	HPHBATCH	RAIL	BNSF	Federal Inspections	BNSF	9366	11/08/2009

Approve Reject Cancel

3. Select the edit icon to view the event or rule details. You can approve a change approval from the event/rule view or from the list in the next step.

Exhibit 52. Event View

Change Approval: Bad Order Federal Inspection

Date Time : 2025-03-18 03:17	Status : Review
Submitter Account : HPHBATCH	Approver Mark : BNSF
Submitter Mark : RAIL	Type : Automated
Equipment ID BNSF4354	Inspection Periodic
Date 2012-10-30	Status Past Due
Last Comments	

Comments

Approve

Cancel

4. Choose to approve or reject a rule or event from the list:

- To reject a rule or event, select one or more rules or events from the list and select the **Reject** button. Select **Reject** in the pop-up window to confirm the rule rejection. When an existing rule or event is rejected, it appears in the appropriate [History](#) table as a historical rule or event. When a new rule or event is rejected, it is removed and no longer appears in any table.
- To approve a rule or event, select one or more rules or events from the list and select the **Approve** button. Select **Save Changes** in the pop-up window to confirm your approval of the rule or event. Once approved, it moves to the appropriate rule or event table, where it is visible to your railroad and the other railroad participant.

History

HPH RTA Admins can view the rules and events History tables. Rules and events that appear in the history tables are no longer active. Each history table is a static table of historical rules or events that are kept after a rule or event has been replaced or deleted.

Use the following procedure to view a History table:

1. From the Locomotive HPH main menu, select **History**, and select from the list of events and rules (e.g., Relief Time Rules).

Exhibit 53. Relief Time Rules History Table

History: Relief Time Rules												
Number of Record(s): 35 of 35												Clear Filters
	Status	Date Time	Requester	Approver	From Road	To Road	Begin Interchange	Begin Geo Value	End Interchange	End Geo Value	Relief Time Type	Indicator Hours
	Historical	05/21/2025 14:12:22	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	CICERO, IL	Location	cicero, il	ALL_FREE	48
	Historical	05/21/2025 14:12:19	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	Birmingh...	Location	birmingh...	ALL_FREE	48
	Historical	05/21/2025 14:12:15	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	MEMPHIS...	Location	CICERO, IL	ALL_FREE	48
	Historical	05/21/2025 14:12:12	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	MEMPHIS...	Location	SMITHBO...	FREE_TIME	48
	Historical	05/21/2025 14:12:09	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	MEMPHIS...	Location	NWOHIC...	FREE_TIME	48
	Historical	05/21/2025 14:12:07	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	MEMPHIS...	Location	Birmingh...	ALL_FREE	48
	Historical	05/21/2025 14:12:03	SLUKACZ	SLUKACZ	BNSF	CSXT	Location	MEMPHIS...	Location	Gentilly, LA	ALL_FREE	48

2. HPH RTA Admins can restore historical rules and events by selecting the restore icon in the first column. See [Restore Rules](#) and [Restore Events](#) for details.