

Introduction to Liability Continuity System (LCS)

Presenter: Erika Koning

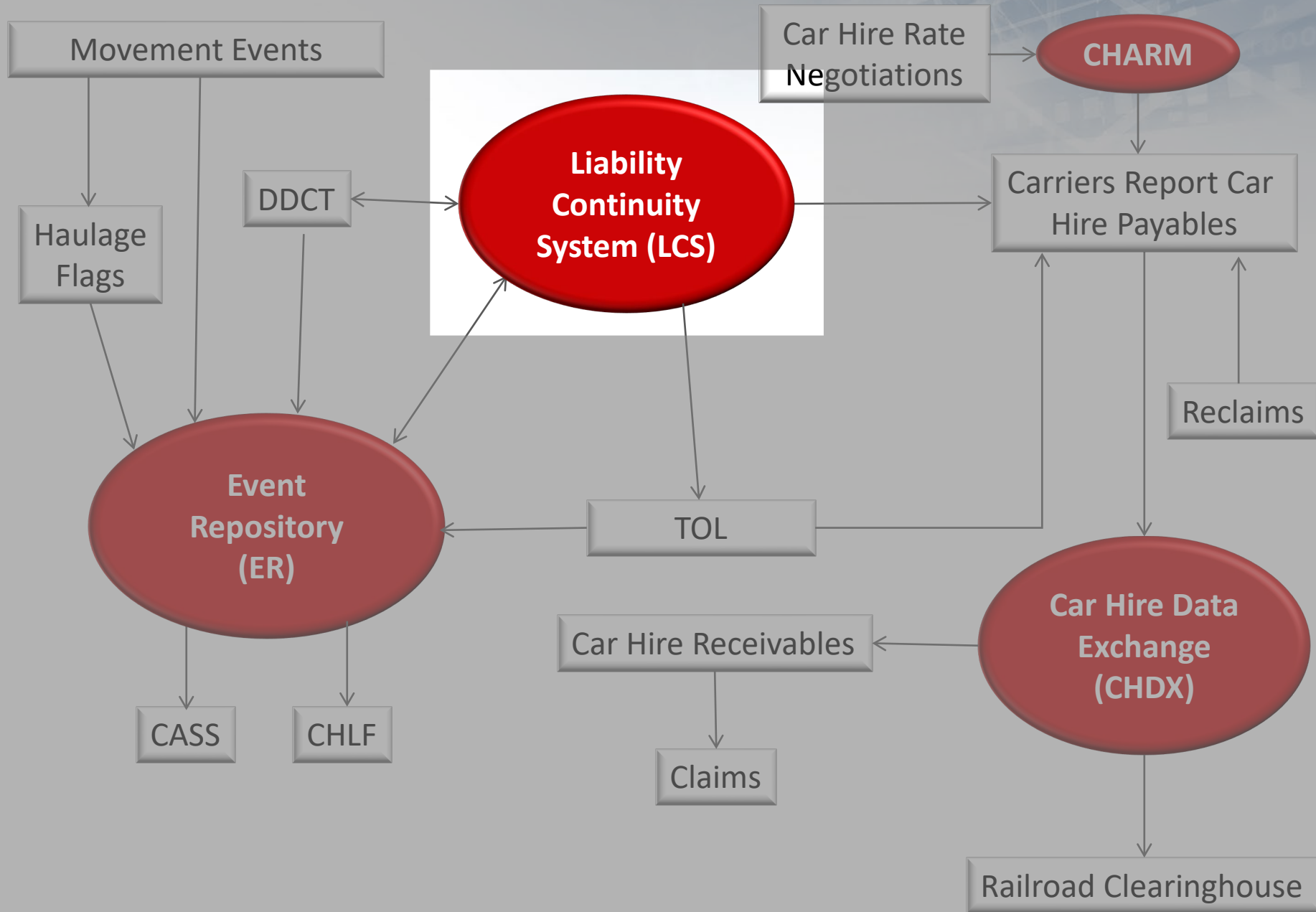
August 2026

Agenda



- Car Hire Data Flow
- LCS Overview and Purpose
- LCS Junction Types
- Investigating LCS Records
- CASS Permissions
- Searching events in CASS
- Creating Liability Acceptance Messages (LAM)
- CASS Reports

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LCS Overview and Purpose



Car movement and interchange events are reported by railroads to Railinc through the TRAIN reporting system.

- Reported events are stored in Event Repository (ER).
 - ER is used by many industry processes.
- The [TRAIN II User Manual](#) contains the specific message formats that are used to transmit events to Railinc.
- Prior to LCS, car owners had to mediate between carriers and claims might be unresolved for years.
- Interchange discrepancies are resolved using industry developed rules.
- Missing interchanges are created by LCS.

LCS Overview and Purpose



Analyzes car movement and interchange events to assure that continuity is maintained.

Establishes a common set of transactions for car hire calculation.

One entity must be responsible for every hour of a month.

LCS analysis occurs 120 hours (5 days) after the event date/time.

- This delay allows accurate event reporting.

Once a LCS record is created, no changes can be made.

- No correction process is required for LCS interchanges.

LCS Junction Types



LCS decisions are categorized by the type of activity that was analyzed:

- Junction Types indicate what information LCS had for analysis.
- Junction Types allow carriers to investigate potential reporting problems.

V – Verified Interchange



Both carriers report the interchange at exactly the same time and location.

Event Search

Equip Initial*
NW

Equip Number*
180558

From Date*
10/01/2025

To Date*
12/30/2025

☒ Hide Passing by Location (PSLA) Events

☐ Auto-close Search Box

Reset

◀

Search

▶

Search Result (193 results in 1.077 seconds)

Legend

Download CSV

Total items: 82

Clear Filters

Event	Event Time	From Road	To Road	Posting Road	Liabile Road	Location	LCS Code	Status	Locating Event
PFPS	10/29/2025 21:18	WW		WW	WW	NJ, BRIDGETON	A	E	Y
ICHR	10/30/2025 07:32	WW	NS	NS		NJ, MILLVILLE	X	E	Y
ARIL	10/30/2025 07:40	WW		WW	WW	NJ, MILLVILLE	A	E	Y
ICHD	10/30/2025 07:41	WW	NS	WW	NS	NJ, MILLVILLE	V	E	Y
DFLC	10/30/2025 08:31	NS		NS	NS	NJ, MILLVILLE	A	E	Y

B – Split Interchange



Both parties report an interchange that differs by four hours or more.

- LCS will “split the difference”.
- Half of the disputed time is allocated to each carrier.

Event Search

Equip Initial*
CBFX

Equip Number*
310812

From Date*
10/01/2025

To Date*
12/30/2025

☒ Hide Passing by Location (PSLA) Events ☐ Auto-close Search Box Reset ◀ Search ▶

Search Result (428 results in 1.447 seconds)

Legend Download CSV

Total items: 177 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liable Road	Location	LCS Code	Status	Locating Event
DFLC	11/03/2025 04:05	GLC		GLC	GLC	MI, OWOSSO	A	L	Y
ARIL	11/03/2025 04:31	GLC		GLC	GLC	MI, DURAND	A	L	Y
DFLC	11/03/2025 08:17	GLC		GLC	GLC	MI, DURAND	A	L	Y
ARIL	11/03/2025 09:56	GLC		GLC	GLC	MI, ANNPERS	A	L	Y
ICHD	11/03/2025 11:50	GLC	CSXT	GLC		MI, ANNPERS	X	L	Y
ICHD	11/03/2025 13:51	GLC	CSXT	AARG	CSXT	MI, ANNPERS	B	L	Y
ICHR	11/03/2025 15:53	GLC	CSXT	CSXT		MI, ANNPERS	X	L	Y
DFLC	11/03/2025 18:07	CSXT		CSXT	CSXT	MI, ANNPERS	A	L	Y

W – Verified Interchange



Both carriers report times that differ by less than four hours.

- LCS accepts the delivering carrier record.
- Rule is consistent with industry practice prior to LCS.

Event Search

Equip Initial*
SOU

Equip Number*
88441

From Date*
10/01/2025

To Date*
12/30/2025

☒ Hide Passing by Location (PSLA) Events ☐ Auto-close Search Box Reset Search

Search Result (208 results in 1.005 seconds)

Legend Download CSV

Total items: 141 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liabile Road	Location	LCS Code	Status	Locating Event
RLOD	10/24/2025 07:06	NBER		NBER	NBER	PA, BELLEFONTE	A	L	Y
ICHD	10/24/2025 10:16	NBER	NS	NBER	NS	PA, TYRONE	W	L	Y
ICHR	10/24/2025 13:59	NBER	NS	NS		PA, TYRONE	X	L	Y
DFLC	10/24/2025 14:00	NS		NS	NS	PA, TYRONE	A	L	Y

G – Gap Interchange



An interchange is not reported, but movement events show possession has changed.

- LCS creates a gap interchange one minute prior to the first event reported by the receiving carrier.

Event Search

Equip Initial*
BNSF

Equip Number*
237786

From Date*
10/01/2025

To Date*
12/30/2025

☒ Hide Passing by Location (PSLA) Events ☐ Auto-close Search Box Reset Search

Search Result (1847 results in 3.215 seconds)

Legend Download CSV

Total items: 666 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liable Road	Location	LCS Code	Status	Locating Event
ARIL	10/05/2025 13:37	CPRS		CPRS	CPRS	ME, JACKMAN	A	L	Y
DFLC	10/05/2025 15:49	CPRS		CPRS	CPRS	ME, JACKMAN	A	L	Y
ARIL	10/05/2025 16:30	CPRS		CPRS	CPRS	ME, BROWNVILLE JUNCTION	A	L	Y
ICHD	10/06/2025 07:59	CPRS	NBSR	AARG	NBSR	ME, BROWNVILLE JUNCTION	G	L	Y
DFLC	10/06/2025 08:00	NBSR		NBSR	NBSR	ME, BROWNVILLE JUNCTION	A	L	Y
ARIL	10/06/2025 08:01	NBSR		NBSR	NBSR	ME, BROWNVILLE JUNCTION	A	L	Y
DFLC	10/06/2025 09:00	NBSR		NBSR	NBSR	ME, BROWNVILLE JUNCTION	A	L	Y

D – Delivering Carrier Reported Interchange



Only the delivering carrier reported an interchange.

- LCS uses the reported record.
- LCS favors reporting carriers over non-reporting carriers.

Event Search

Equip Initial* BNSF	Equip Number* 237786	From Date* 10/01/2025	To Date* 12/30/2025
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☒ Hide Passing by Location (PSLA) Events ☐ Auto-close Search Box Reset Search

Search Result (1847 results in 3.215 seconds)

Legend Download CSV

Total items: 666 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liabile Road	Location	LCS Code	Status	Locating Event
ARIL	10/10/2025 18:00	NBSR		NBSR	NBSR	ME, KIRBY	A	L	Y
DFLC	10/10/2025 18:30	NBSR		NBSR	NBSR	ME, KIRBY	A	L	Y
ARIL	10/10/2025 22:45	NBSR		NBSR	NBSR	ME, BROWNVILLE JUNCTION	A	L	Y
ICHD	10/10/2025 23:00	NBSR	CPRS	NBSR	CPRS	ME, BROWNVILLE JUNCTION	D	L	Y
DFLC	10/11/2025 07:01	CPRS		CPRS	CPRS	ME, BROWNVILLE JUNCTION	A	L	Y
ARIL	10/11/2025 09:47	CPRS		CPRS	CPRS	ME, JACKMAN	A	L	Y

R – Receiving Road Reported Interchange



Only the receiving road reported an interchange.

- LCS uses the reported event.
- LCS favors reporting carriers over non-reporting carriers.

Event Search

Equip Initial*
KCS

Equip Number*
112407

From Date*
08/01/2025

To Date*
10/30/2025

☒ Hide Passing by Location (PSLA) Events ☐ Auto-close Search Box Reset Search

Search Result (907 results in 6.092 seconds) Legend Download CSV

Total items: 564 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liabile Road	Location	LCS Code	Status	Locating Event
DFLC	08/23/2025 08:12	UP		UP	UP	UT, OGDEN	A	L	Y
ARRI	08/23/2025 10:34	UP		UP	UP	UT, HARRISVILLE	A	L	Y
ARIL	08/23/2025 10:35	UP		UP		UT, HARRISVILLE	X	L	Y
ICHR	08/25/2025 15:00	UP	UCRY	UCRY	UCRY	UT, HARRISVILLE	R	L	Y
ARRI	08/25/2025 19:04	UCRY		UCRY	UCRY	UT, HARRISVILLE	A	L	Y
PACT	08/25/2025 19:05	UCRY		UCRY	UCRY	UT, HARRISVILLE	A	L	Y
RMTY	08/26/2025 13:03	UCRY		UCRY	UCRY	UT, HARRISVILLE	A	E	Y

Additional Junction Types



C – A car owner or user accepts liability by creating a Liability Acceptance Message (LAM).

- Physical inspection reveals a car is not where LCS reports it is.
- Carriers who accept liability for a car can create a LAM in CASS.

E – Start of haulage.

F – End of Haulage.

Q – Haulage terminated due to two or more load/empty status changes.

- LCS interchanges car to current handling carrier.
- More than two changes in load/empty status terminates haulage.

Additional Junction Types



Negotiated interchange agreements can allow one carrier to be responsible for all interchange reporting at a specific location.

O – One Road Reporting by the delivering carrier.

- LCS uses the delivering carrier record.
- Receiving carrier report is disregarded.

P – One Road Reporting by the receiving carrier.

- LCS uses the receiving carrier record.
- Delivering carrier report is disregarded.

Investigating LCS Records



Frequently, carriers or car mark owners do not understand the reasons for LCS interchanges.

Most carriers see only their version of events, and do not have access to events reported by other carriers that influence LCS analysis.

- “How did this car get in my account?”
- Using Car Accounting Self Service (CASS), review all applicable events from the Event Repository.

Pre-Submitted Questions



- Q1: How can I get set up to receive LCS TRAIN II messages?
 - A1: Agents receiving for other roads can submit an LOA under the Asset Utilization category and select from the sub-categories listed under LCS. Roads receiving their own data can reach out to Railinc's product support team to get set up.
- Q2: How do I know which events were inserted by LCS/Railinc?
 - A2: Events inserted by LCS due to reporting, such as Gap Interchanges, will show events with the Posted Road reflected as "AARG."
- Q3: What time zone are events based in?
 - A3: For all messages, the time zone is inferred as local time based on the location of the event reported unless otherwise noted using a Time Zone Indicator.

Car Accounting Self Service (CASS)



Car Accounting Self Service (CASS)



- CASS Permissions
- Searching events in CASS
- Creating Liability Acceptance Messages (LAM)
- Reports

Permissions

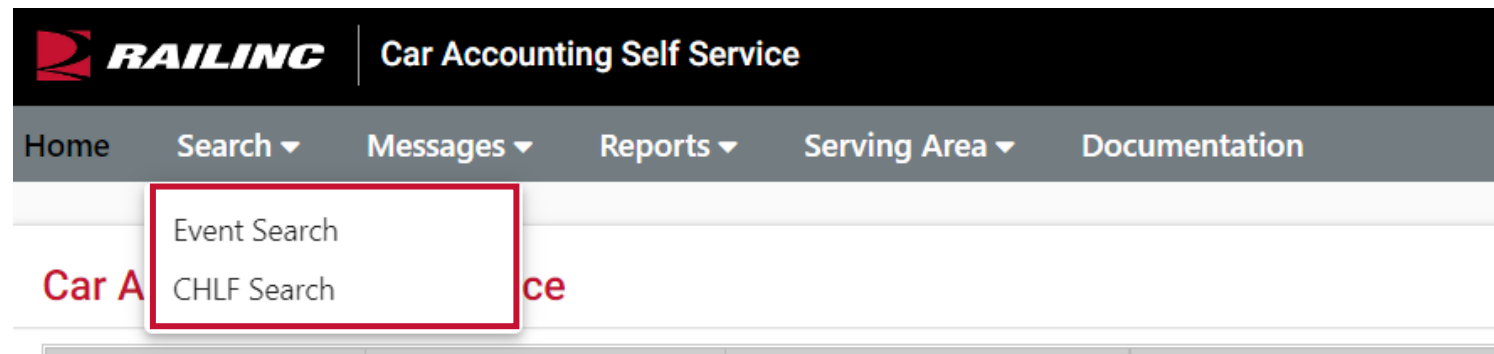


Task	Description
CASS CHLF V2.0 User	This role enables Car Hire Liability File (CHLF) recipients to search a CHLF for a single car's liability file records, including cycle data with time and mileage payments for a month. Users must request access under any mark for which they receive a CHLF.
CASS Company Administration	This role is for the company administrator of the requesting company. This is the person responsible for approving access to CASS for their company. This role includes the CASS LAM Creation role and the CASS Event Query role.
CASS Event Query	This role is for the CASS user who only has access to Event Query.
CASS LAM Creation	This role is for the CASS user who creates Liability Acceptance Messages. This role includes CASS Event Query access.
CASS Serving Area Edit	This access will allow users to query, add, and expire Serving Area records.
CASS Serving Area View-only	This access will allow users to query the Serving Area records.

Searching for Events



- You can search for events two ways — using the Event Search, or if you are a CHLF participant, the CHLF Search.



Searching for Events



- CASS Event Search enables users to search for events by entering a single car and a start and end date range.

A screenshot of the RAILINC Car Accounting Self Service web application. The interface has a dark header bar with the RAILINC logo and 'Car Accounting Self Service' text. Below the header is a navigation bar with links: Home, Search, Messages, Reports, Serving Area, and Documentation. The main content area is titled 'Event Search' and contains a search form. The form has four input fields: 'Equip Initial *' with the value 'AARX', 'Equip Number *' with the value '12345', 'From Date *' with the value '07/01/2022', and 'To Date *' with the value '09/29/2022'. Each date field has a calendar icon. Below the input fields is a row of buttons: a 'Reset' button with a circular arrow icon, a left arrow button, a blue 'Search' button with a magnifying glass icon, and a right arrow button. These four buttons are enclosed in a red rectangular box.

Searching for Events



- When performing a search, if no events are found for the specified search parameters, you will be presented with the message below and two options:

From Date

Message

No records found for search criteria provided.

Click "Yes" to search for events within 3 years of current date using the From Date of the original search, 07/01/2022. If events are found, results will contain the last event prior to the From Date plus up to 90 days of prior events.

If no events are returned, the search will display the last event from the current date for the car plus up to 10 prior interchanges.

Clicking "No" returns to Event Search.

✕ No

✓ Yes

Searching for Events



- An event search returns all events for up to a 90-day date range.

Car Accounting Self Service

BSAXK04 : RAIL Launch Pad ▼ Sign Out

Home Search ▼ Messages ▼ Reports ▼ Serving Area ▼ Documentation

Event Search

Equip Initial *
CSXT

Equip Number *
709171

From Date *
08/01/2022

To Date *
10/27/2022

Reset Search

Search Result (312 results in 1.434 seconds)

Haulage
LCS Evaluated
Suppressed
TOL5
TOL15
Rule4

Legend Download CSV

Total items: 312 Clear Filters

Event	Event Time ↑	From Road	To Road	Posting Road	Liabile Road	Location	LCS Code	Status
DFLC	08/02/2022 11:27	CSXT		CSXT	CSXT	IN, AVON	A	E
ARRI	08/02/2022 14:00	CSXT		CSXT	CSXT	IN, PITTSBORO	A	E
PACT	08/02/2022 14:30	CSXT		CSXT	CSXT	IN, PITTSBORO	A	E
RLOD	08/03/2022 11:18	CSXT		CSXT	CSXT	IN, PITTSBORO	A	L
PFPS	08/05/2022 14:10	CSXT		CSXT	CSXT	IN, PITTSBORO	A	L
DFLC	08/05/2022 14:11	CSXT		CSXT	CSXT	IN, PITTSBORO	A	L

Searching for Events



- From the search results page, double-click on any event to view details of the movement event and/or create a LAM from that event.

Event Details

Equipment:	GATX0000004467	Event Type:	ICHD
From Road:	IHB	Event Description:	INTERCHANGE DELIVERY FROM RCV'G ROAD
To Road:	UP	Event Time:	05/01/2021 19:21
Posting Road:	IHB	Posting Time:	05/01/2021 21:18:12
SPLC:	381248000	LCS Code:	W - Verified Delivery
Location:	IL, PROVISO	Interchange Type:	
Load Status:	L - Loaded		

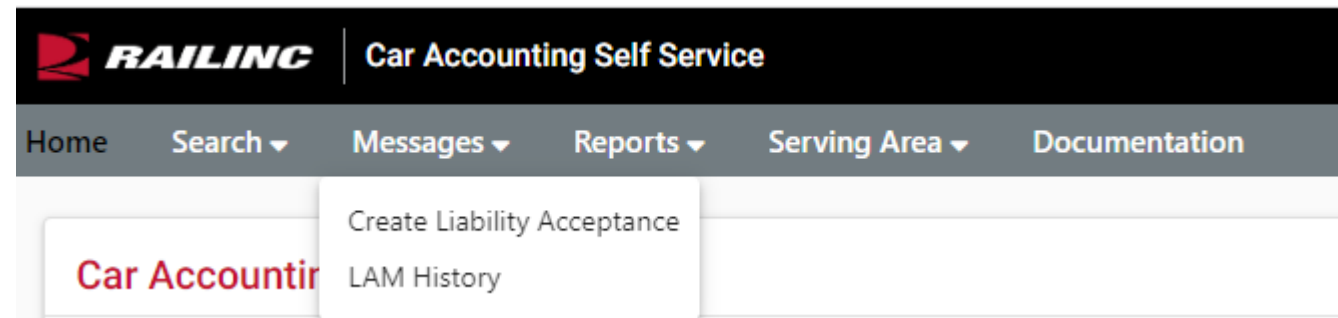
Create LAM

Close

Creating Liability Acceptance Messages



- Users can create a LAM from an existing event or via the Messages dropdown under 'Create Liability Acceptance.'



Creating Liability Acceptance Messages



- All fields shown are required:

Liability Acceptance Message

All fields are required.

Submitting Road *

Equip Initial *

CSXT

Equip Number *

709171

Event Time (MM/DD/YYYY) *

08/08/2022



05



:

20



From Road *

DSP8

Location SPLC *



Status *

L



Creating Liability Acceptance Messages



- You can submit the LAM or preview the message before submitting.

All fields are required.

Submitting Road *

Equip Initial *
CSXT

Equip Number *
709171

Event Time (MM/DD/YYYY) *
08/08/2022 05 : 20

From Road *
DSP8

Location SPLC * 🔍

Status *
L ▼

Header: # RRDC0001TRAIN102210271311RRDC /

Group: *0001CASS000000000202208070520415 Z

Detail: +CSXT709171L

Summary: =0001SUM0001

Trailer: \$0001EOMÄ|

🔄 Reset Preview Submit

Creating Liability Acceptance Messages – Viewing Message History



- Users can view LAM History for their mark.

RAILINC

Car Accounting Self Service

[Home](#) [Search](#) [Messages](#) [Reports](#) [Serving Area](#) [Documentation](#)

Car Accounting

[Create Liability Acceptance](#)
[LAM History](#)

RoadMarks	Private Mark	RailRoad Mark	Operating Mark
RAIL		✓	✓

Creating Liability Acceptance Messages



- Users can view LAM History, sort the search results, or download the results to CSV.

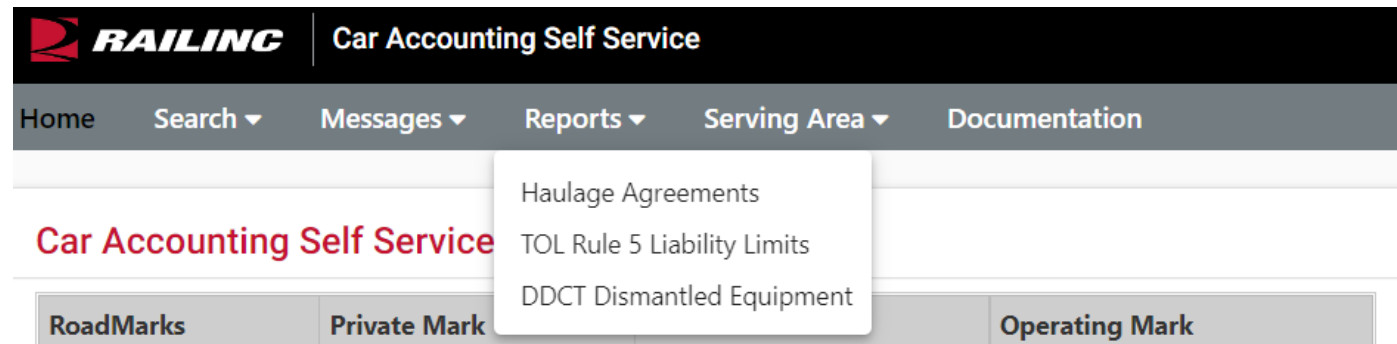
The screenshot displays the RAILINC Car Accounting Self Service interface. The top navigation bar includes the RAILINC logo, the title 'Car Accounting Self Service', and user information 'BSAXK04 : RAIL' with links for 'Launch Pad' and 'Sign Out'. Below this is a secondary navigation bar with links for 'Home', 'Search', 'Messages', 'Reports', 'Serving Area', and 'Documentation'. The 'Messages' dropdown menu is open, showing options for 'Select Duration', 'Last 7 Days', 'Last 30 Days' (highlighted in blue), and 'Last 60 Days'. A red box highlights this dropdown menu. To the right of the dropdown is a blue button labeled 'View History'. Below the navigation bar, the main content area shows 'LAM Message History (23 results in 0.115 seconds)' with a 'Download CSV' button. A table displays the results, with columns for Submitter ID, Submitting Road, Submitted Time, Status, Equip Initial, and Equip Number. The table contains three rows of data.

Submitter ID	Submitting Road	Submitted Time	Status	Equip Initial	Equip Number
ASTROUP	NS	10/26/2022 14:45	LCS Evaluated	TBOX	638144
LARA168	NS	10/26/2022 13:39	LCS Evaluated	TBOX	662910
FISHER16	BNSF	10/18/2022 12:10	LCS Evaluated	BNSF	402129

Reports



- CASS provides the following reports to assist users. Each of these reports can be exported as a spreadsheet.



Helpful Links

Car Hire Products and Services



[Home](#) > [Products & Services](#) > [Car Hire](#)

Car Hire

Car Hire is rental paid by railroads to equipment owners. Click on the title of each Car Hire Railinc application below for details.

Car Hire for *railroad* marked cars is governed by the AAR Circular [OT-10](#), Code of Car Hire Rules and Interpretations Freight.

Car Hire for *private* marked cars is governed by tariff [RIC 6007](#).

↓ More On This Page:

- [Car Accounting Self-Service](#)
- [Car Hire Accounting Rate Master](#)
- [Car Hire Data Exchange](#)
- [Car Hire Rate Negotiation Self-Service](#)
- [Original Cost Self-Service](#)

Car Hire Training

This series of presentations explains the various principles of car hire, the charge paid by one railroad for its use of another railroad's railcars. This training program is fully endorsed by the AAR Equipment Assets Committee (EAC) and the Association of Car Accounting and Car Service Officers (ACACSO). The material was originally presented by industry experts at the American Short Line & Regional Railroad Association (ASLRRA) convention in April 2013.

Be sure to turn your speakers on/up to hear these presentations.

📄 Related Support Documents

- [Car Accounting Self-Service User Guide](#)
- [Car Accounting Self-Service FAQs](#)
- [Centralized Car Hire FAQs](#)
- [Car Hire Liability File User Guide](#)
- [Car Hire Negative Payables User Guide](#)
- [Car Hire Data Exchange User Guide](#)
- [CHDX EDI 414 Byte File Format](#)
- [CHDX 1400 Flat File Format](#)
- [CHDX 500 Byte Format](#)
- [CHRNSS User Guide](#)
- [CHRNSS FAQs](#)
- [OCSS User Guide](#)
- [OCSS FAQs](#)
- [TRAIN II User Guide](#)
- [Deprescription Business Rules](#)
- [Car Hire Haulage Guidelines](#)
- [Default Rate Table Q2 2026 \(pdf\)](#)
- [Default Rate Table Q2 2026 \(xls\)](#)
- [Default Rate Table Q3 2026 \(pdf\) \(Effective 07/01/26\)](#)
- [Default Rate Table Q3 2026 \(xls\) \(Effective 07/01/26\)](#)

Customer Satisfaction Survey



- LCS Product Survey
 - August 3rd – August 17th

Liability Continuity System (LCS) Customer Satisfaction Survey

Important: This is not a survey for Car Accounting Self-Service (CASS). Please disregard the survey if you are not an LCS user. We value your feedback, Railinc will donate \$1 to St. Jude's Children's Research Hospital for every survey we receive.

✕

* means required

Question 1*

How satisfied are you with the usability of LCS?

☐

Very Dissatisfied

☐

Dissatisfied

☐

Neither Satisfied nor Dissatisfied

☐

Satisfied

☐

Very Satisfied

Question 2*

How satisfied are you with the reliability of LCS?

☐

Very Dissatisfied

☐

Dissatisfied

☐

Neither Satisfied nor Dissatisfied

☐

Satisfied

☐

Very Satisfied

Railinc Keeps You Moving.

Erika Koning

Phone: 877-RAILINC

Email: CSC@railinc.com

