

Car Repair Billing Data Exchange (CRBDX) Webinar

Railinc Corporate
Cary, NC
November 17th, 2015

Agenda

- Overview of Car Repair Billing
- CRB Data Exchange (CRBDX) Process
- Submitter and Receiver Information
- CRBDX Email Notifications
- FindUs.Rail

What is Car Repair Billing?

- The process by which participants report and invoice railroads or car owners for repairs on equipment
- Monthly process distributes invoices submitted by billing party to the billed party
- Invoices created by billing/invoicing party include job codes, prices and date repairs were completed
- Refer to Rule 112, 113 & 114 of the AAR Interchange Rules

CRB Participants

- Railroads
- Equipment owners
- Repair Shops
- Running Repair Agents
- Third-Party Agents

How to Become a Participant?

To register as a submitter or receiver to the CRBDX, please email Railinc at csc@railinc.com and provide the following information with your request:

1. Primary Billing/Invoicing Party
2. Identification of other Billing Parties which may be included in the data submitted for input to the data exchange
3. Name
4. Title
5. Phone number
6. Address
7. Email address of the person(s) responsible for the CRBDX

How to Become a Participant (Cont'd.)

Additionally:

- In order to participate in CRB, you must have a valid CRB profile.
- *Letter of Authorization may be required to meet Railinc's data access policy*

Submitting Invoices

CRBDX

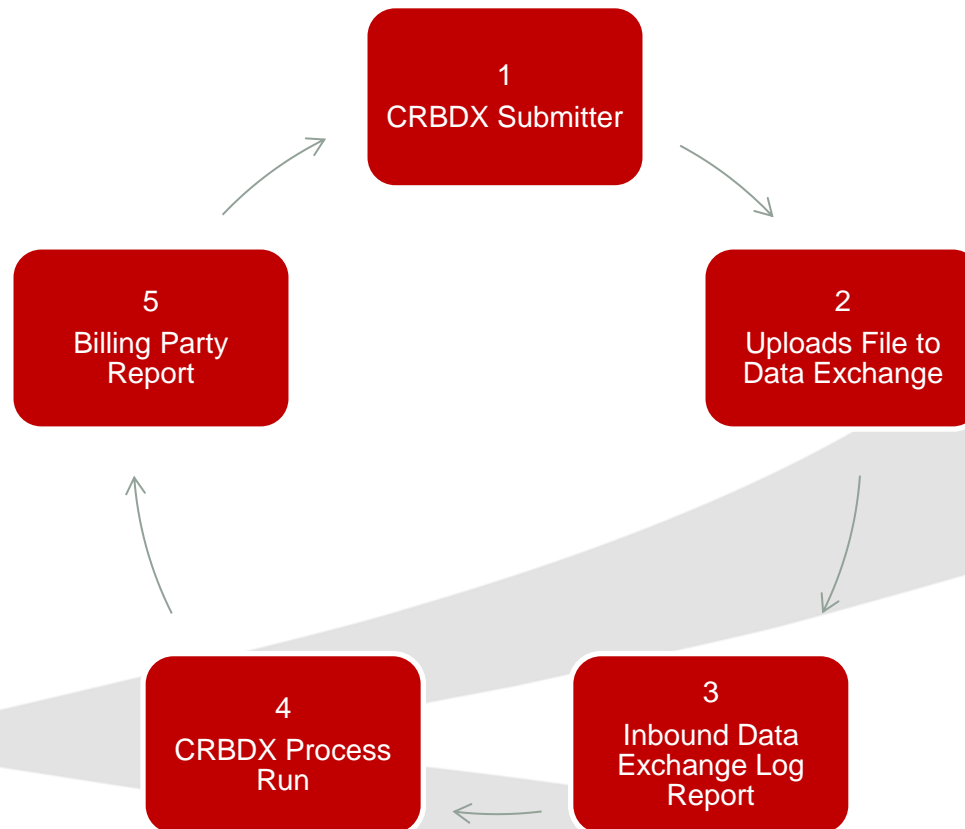
- Customer creates their own 500 byte .zip file
- File(s) must be submitted via FTP
- Submitters receive confirmation via email
- File status may be Accepted, Partially Accepted or Rejected
- Invoices with critical errors will not be processed
- CRB Procedures Manual contains guidelines for file creation

Submitting Invoices (Continued)

- DX users submit via FTP or FTP clients
- Railinc only supports DOS (“cmd”) prompt
- Submitters are required to send hard/soft copy of invoice summary (cover sheet) to billed party

Note: Customers using any method other than the “cmd” prompt process, must contact software vendor if technical issues are encountered.

CRBDX Submitter Email Notifications



Inbound Data Exchange Report Sample

From: DX
Sent: Tue 7/28/2015 9:42 AM
To: Dxuser@railinc.com
Cc: DX
Subject: CRB: Data Exchange File Process Status Report

Railinc CRB Data Exchange File Status: ACCEPTED

We have processed your car repair data file to be included in the monthly Railinc Data Exchange processing. All accepted records will be included in the outbound distribution (to participating receivers) upon completion of the current Car Repair Billing Data Exchange.

Note: If you make any changes to your file for this accounting period, you MUST resubmit the entire file with the exact same filename (inside the zip file) to Railinc. (Our system will overwrite the previously submitted file with the same name).

Thanks,
CRB Data Exchange Manager, Railinc
Reply to: dx@railinc.com

Error Code reference:

https://www.railinc.com/rportal/alf_docs/CRB/CRBDXE_rror_Codes.pdf

Inbound Data Exchange Report

File Name: .SDDC.crip1208 AAR
Submitting Road Mark: Processed Date: 2015-02-03 11:49
Inbound Status: Accepted Received Date: 2015-02-03 11:49
[Click here for Error Codes Reference](#)

Road Total							AAR Total		
Billing Road	Billed Road	DTL SRC	Account Date	Record Count	Labor Dollar	Misc Dollar	Record Count	Labor Dollar	Misc. Dollar
RAIL	AAR	DC	2015-02	14	380.82	1301.46	14	380.82	1301.46

Records Received:	22	Invoices Received:	1
Format 1 Records Rcvd:	14	Accepted Invoices:	1
Format 1 Records Proc:	14	Rejected Invoices:	0
Total Material Charge:	1301.46	Total Labor Charge:	380.82

Inbound Data Exchange Report Sample

From: DX
Sent: Tue 7/28/2015
To: Dxuser@railinc.com
Cc: DX
Subject: CRB: Data Exchange File Process Status Report

Railinc CRB Data Exchange File Status: PARTIALLY
ACCEPTED

We have processed your car repair data file to be included in the monthly Railinc Data Exchange processing. Not all of your invoice records were accepted. These rejected records will NOT be included in the outbound distribution.

All accepted records will be included in the outbound distribution (to participating receivers) upon completion of the current Car Repair Billing Data Exchange.

Note: If wish to correct your file to fix the errors (as per the attached status report) you MUST resubmit the entire file with the exact same filename (inside the zip file) to Railinc. (Our system will overwrite the previously submitted file with the same name).

Thanks,
CRB Data Exchange Manager, Railinc
Reply to: dx@railinc.com

Error Code reference:

https://www.railinc.com/rportal/alf_docs/CRB/CRBDXError_Codes.pdf

Inbound Data Exchange Report

File Name: CRIP1501.zip
Submitting Road Mark: RAIL
Inbound Status: Partially Accepted
Processed Date: 2015-02-03 01:38
Received Date: 2015-02-03 01:38
[Click here for Error Codes Reference](#)

Road Total							AAR Total		
Billing Road	Billed Road	DTL SRC	Account Date	Record Count	Labor Dollar	Misc Dollar	Record Count	Labor Dollar	Misc. Dollar
RAIL	AAR	SH	2015-01	18	356.86	91.30	18	356.86	91.30

Records Received:	544	Invoices Received:	2
Format 1 Records Rcvd:	527	Accepted Invoices:	1
Format 1 Records Proc:	18	Rejected Invoices:	1
Total Material Charge:	91.30	Total Labor Charge:	356.86

The following critical error(s) were found that resulted in one or more invoices being rejected (identified by line number):
(Line Number, Car Init/Num, Billing Party, Billed Party, Repair Date, App. Job Code, Why Made Code, Error Codes)

000027, AAR 651768, RAIL, AAR, 141014, 4450, 05 Z4

000028, AAR 651768, RAIL, AAR, 141014, 4450, 05 Z4

Inbound Data Exchange Report Sample

From: DX
Sent: Tue 7/28/2015
To: Dxuser@railinc.com
Cc: DX
Subject: CRB: Data Exchange File Process Status Report

Railinc CRB Data Exchange File Status: REJECTED

Your recently submitted car repair data file has been rejected.
None of your invoice records will be included in the outbound distribution. Please correct the error (as per the attached status report) and resubmit the entire file with the exact same file name (inside the zip file) to Railinc. (Our system will overwrite the previously submitted file with the same name).

Thanks,
CRB Data Exchange Manager, Railinc
Reply to: dx@railinc.com

Error Code reference:
https://www.railinc.com/rportal/alf_docs/CRB/CRBDXErr_or_Codes.pdf

Inbound Data Exchange Reject Report

File Name:	CRIP1410.zip		
Submitting Road Mark:	RAIL	Processed Date:	2015-11-05 09:34
Records Received:	16	Received Date:	2015-11-05 09:34
Format 1 Records Rcvd:	16	Invoices Received:	1
Format 1 Records Proc:	0	Accepted Invoices:	0
		Rejected Invoices:	1

[Click here for Error Codes Reference](#)

The following critical error(s) were found that resulted in the entire file being rejected:

Record arrangement is out of order for Billing/Billed/Invoice Number: RAIL80382.

Repair summary not found for Billing/Billed/Invoice number/Detail source: RAIL80382/DC.

Billing Party Reports

- Sent to submitters at conclusion of CRBDX process run
- Summary of all accepted invoices transmitted to customers

From: DX
Sent: Tue 7/28/2015
To: Dxuser@railinc.com
Cc: DX
Subject: CRB: Data Exchange Billing Party Report

Hi

Attached is the Invoice Summary by Billing Road Report from the Car Repair Billing System.

Thanks You,
CRB Data Exchange Manager, Railinc
crbdx@railinc.com

Billing Road Log for Data Distributed by Railinc

Submitter: RAIL
Inbound File Name: RAILcrip1506.zip

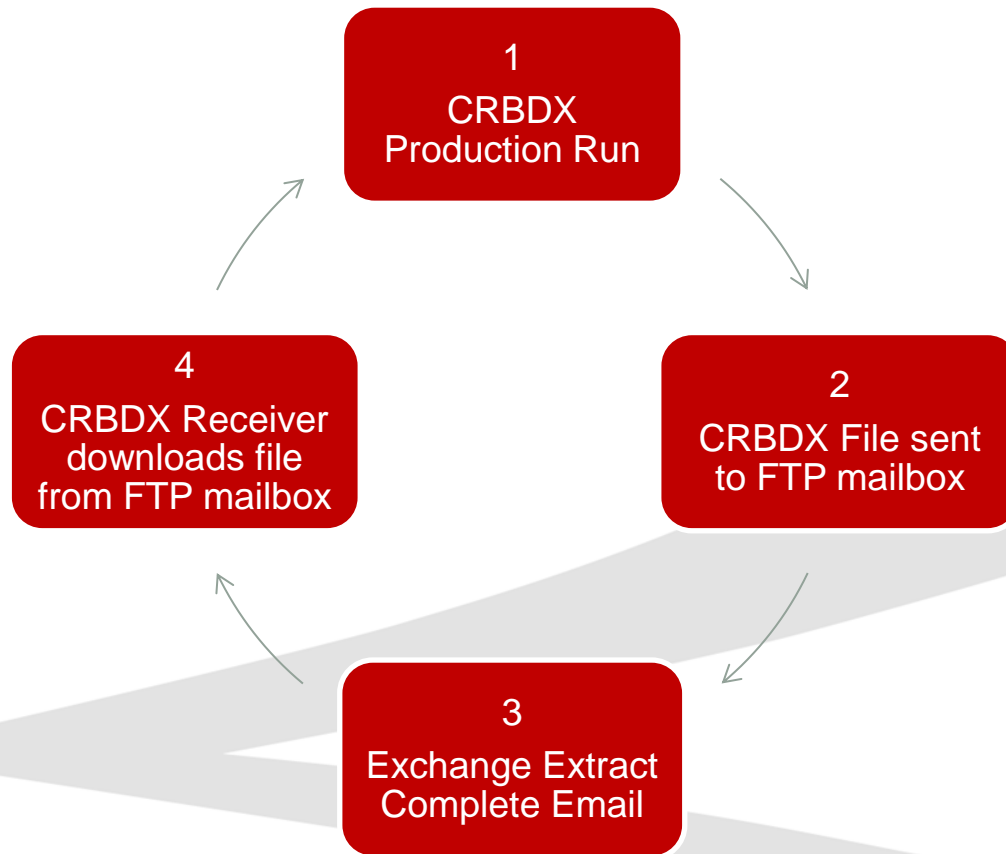
Billing Road	Billed Road	DTL SRC	Sent Date	Record Count	Labor Dollar	Misc Dollar	Invoice Number
RAIL	AAR	BR	2015-06-30	4	70.77	30.35	RAIL06301300
RAIL	AAR	BR	2015-06-30	12	0	0	RAIL06301300
RAIL	AAR	BR	2015-06-30	134	8644.04	32405.01	RAIL06301300
RAIL	AAR	BR	2015-06-30	9	272.56	599.08	RAIL06301300

Total Items: 4

Total Material Charge: 33034.44

Total Labor Charge: 8987.37

CRBDX Receiver Email Notification



Outbound Data Exchange Report Example

From: DX
Sent: Jul 7, 2015
To: DXuser@railinc.com
Cc: DX
Subject: CRB Data Exchange Extract Complete

Hi

The outbound invoice file has been sent through FTP mailbox and is available at **gabcd21** .

Thanks,
CRB Data Exchange Manager, Railinc

Outbound Data Exchange Log Report

File Name:	AAR.CROP1506.ZIP	Date Sent:	07-07-2015 10:11
Billed RoadMark:	AAR	Total Charge:	\$493.17

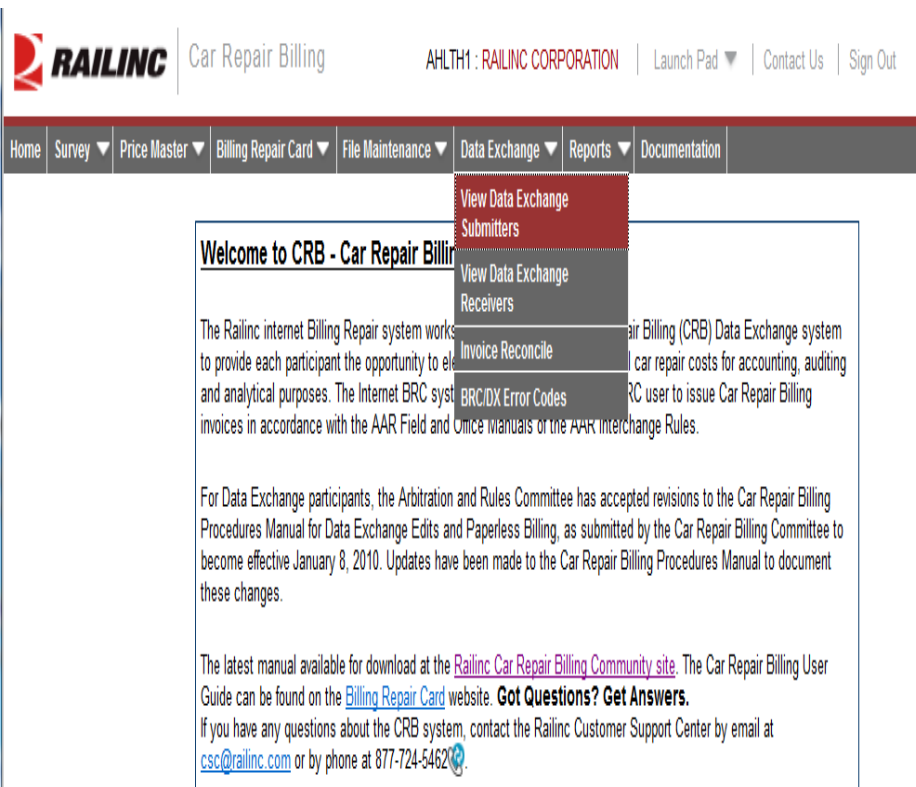
Billing Road	Billed Road	DTL SRC	Date	Record Count	Labor Dollar	Misc Dollar
RAIL	AAR	GB	2015-07-01	1	13.88	3.71
RAIL	AAR	GB	2015-07-01	2	59.36	26.8
RAIL	AAR	BR	2015-07-01	5	235.22	60.31
RAIL	AAR	GB	2015-07-01	4	70.48	23.41

Total Records :	35	Total Items:	4
Total Material Charge:	114.23	Total Labor Charge:	378.94

Researching Submitter Marks

The “ View Data Exchange Submitters” table lists Submitter information

- Double click on Submitter Mark to sort alphabetically
- Search for mark from list using the “Next” link or page number in drop down



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Welcome to CRB - Car Repair Billing

The Railinc internet Billing Repair system works with the Car Repair Billing (CRB) Data Exchange system to provide each participant the opportunity to enter car repair costs for accounting, auditing and analytical purposes. The Internet BRC system is a web-based system that allows a BRC user to issue Car Repair Billing invoices in accordance with the AAR Field and Office manuals or the AAR Interchange Rules.

For Data Exchange participants, the Arbitration and Rules Committee has accepted revisions to the Car Repair Billing Procedures Manual for Data Exchange Edits and Paperless Billing, as submitted by the Car Repair Billing Committee to become effective January 8, 2010. Updates have been made to the Car Repair Billing Procedures Manual to document these changes.

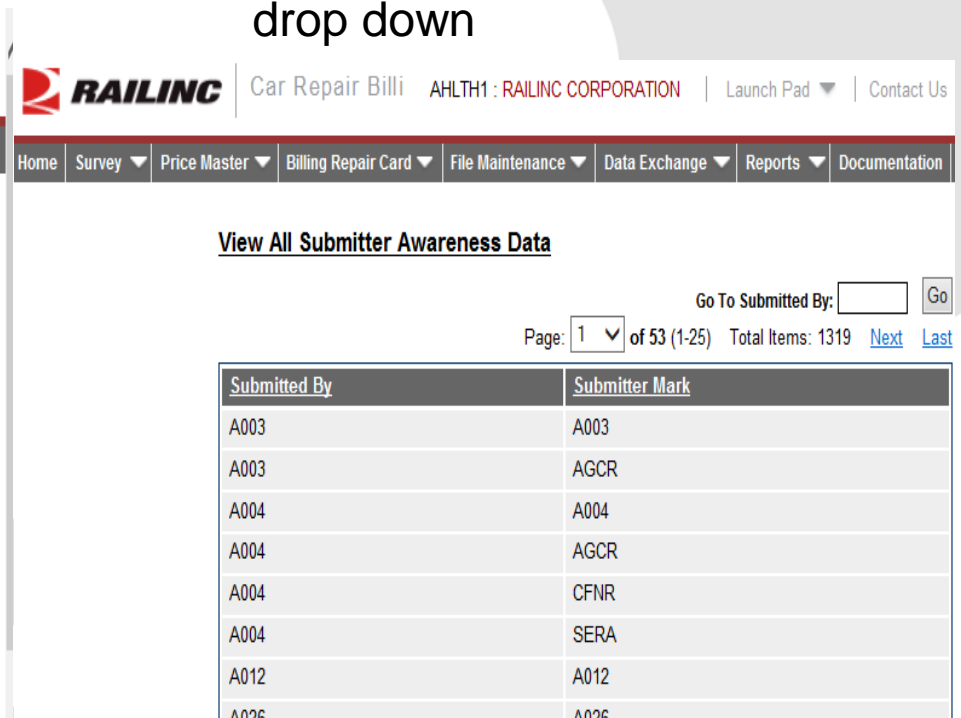
The latest manual available for download at the [Railinc Car Repair Billing Community site](#). The Car Repair Billing User Guide can be found on the [Billing Repair Card](#) website. **Got Questions? Get Answers.** If you have any questions about the CRB system, contact the Railinc Customer Support Center by email at csc@railinc.com or by phone at 877-724-5462.

View Data Exchange Submitters

View Data Exchange Receivers

Invoice Reconcile

BRC/DX Error Codes



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View All Submitter Awareness Data

Go To Submitted By:


Page: of 53 (1-25) Total Items: 1319 [Next](#) [Last](#)

Submitted By	Submitter Mark
A003	A003
A003	AGCR
A004	A004
A004	AGCR
A004	CFNR
A004	SERA
A012	A012
A026	A026


Researching CRBDX Receivers

This table only lists Received by/Recipient customer information

- Click on Recipient Mark to sort alphabetically
- Search for mark from list using the “Next” link or page number in the drop down
- The Received By list will tell you who receives for the Mark listed


Car Repair Billing

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Welcome to CRB - Car Repair Billing

The Railinc internet Billing Repair system works with the Car Repair Billing (CRB) Data Exchange system to provide each participant the opportunity to electronically submit car repair costs for accounting, auditing and analytical purposes. The Internet BRC system allows the BRC user to issue Car Repair Billing invoices in accordance with the AAR Field and Office manuals or the AAR Interchange Rules.

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Home	Survey	Price Master	Billing Repair Card	File Maintenance	Data Exchange	Reports	Documentation
View All Recipient Awareness Data							
					Go To Received By:	<input type="text"/>	Go
					First	Previous	Page: 11 of 73 (251-275) Total Items: 1805 Next Last
Received By	Recipient Mark						
BNSF	BNSP						
BNSF	BNSQ						
BNSF	BNSR						
BNSF	BNSS						
BNSF	BNST						
BNSF	BNSU						
BNSF	BNSV						
BNSF	BNSW						
BNSF	BNSX						
BNSF	BNSY						
BNSF	BNSZ						
BNX	BNX						
ARC	ARC						

CRB Reference Materials

- Reference guides useful to customers for format, rules and guidelines:
 - The AAR Interchange Rules
 - [Car Repair Billing Procedures Manual](#)
 - FindUs.Rail
 - [CRB User Guide](#)
 - www.railinc.com
 - [CRBDX Error Codes](#)

Contact Railinc Customer Support
at csc@railinc.com or 1-877-724-5462

Questions?