



Switching Settlements Data Exchange (SSDX) User Guide



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Last Updated: July 2026

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Learning about SSDX

To facilitate timely settlement of switch bills, the physical switch charge applied by the switching carrier is sent to the Switching Settlements Data Exchange (SSDX) application. SSDX enables each railroad to receive its payable switching data in an electronic format, which reduces manual intervention and provides more timely and accurate data.

The SSDX process uses the total charge as submitted to calculate the net settlement. The net settlement statements are sent to the receiving carriers. The SSDX online application provides a central location for data submission and processing that utilizes one enhanced file layout. The enhanced file layout allows for a more efficient validation after settlement.

SSDX enables Participating users to:

- Upload inbound flat data files
- View inbound and outbound data history
- Utilize an Excel template to upload inbound data
- Establish global and road-specific thresholds (requires appropriate access)

SSDX enables Railinc Application Administrators to:

- Manage a participant's messaging profile
- Merge SSDX transactions
- Distribute merged transactions
- View the history of merged transactions
- View inbound and outbound data history
- Manage held data

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

The SSDX application is accessed using the Railinc Single Sign-On (SSO), which can be accessed from the Railinc portal at <https://public.railinc.com>. The SSO log in is located at the upper right of the page.

Register to Use Railinc SSO

Each SSDX user must register to use Railinc Single Sign-On. Refer to the [Single Sign-On and Launch Pad User Guide](#) for detailed instructions.

Once SSO registration is complete, the user must request access to SSDX within SSO.

Role-Based Application

Access and authorization for SSDX is determined when requesting access through Railinc Single Sign-On. Refer to [Exhibit 2](#) for a complete list of SSDX roles as seen in SSO.

Exhibit 1. User Roles and Tasks

Task	Description
SSDX User	User who may submit, update, and view switching settlement data in the SSDX-application.
Railinc SSDX Application Admin	Railinc employee who works with and on behalf of users in the SSDX application.
SSDX Threshold Web User	User who may setup threshold and exceptions in the SSDX application.

Requesting SSDX Access

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

Exhibit 2. SSDX Request Permission (requestable by user)

The screenshot shows a web form titled "Railinc Data Exchange" with a subtitle "Railinc Data Exchange". The form is divided into three steps: 1. Select Roles, 2. Confirm, and 3. Done. Under step 1, there are four roles listed, each with a checkbox and a description:

- ☐ CHDX User (MARK required)
User that may submit, update, and view car hire data on the CHDX application
- ☐ FLDX User (MARK required)
User that may submit, update, and view freight loss data on the FLDX application
- ☐ SSDX Threshold Web User (MARK required)
User that may setup threshold and exceptions on the SSDX application
- ☐ SSDX User (MARK required)
User that may submit, update, and view switching settlement data on the SSDX application

Below the roles is a "Comments..." section with a text input field. At the bottom right, there are two buttons: "Return" (red) and "Next" (grey). A small "0/255" character count is visible next to the "Next" button.

When e-mail notification of access to SSDX is received, the user can log on and begin using SSDX.

Logging In

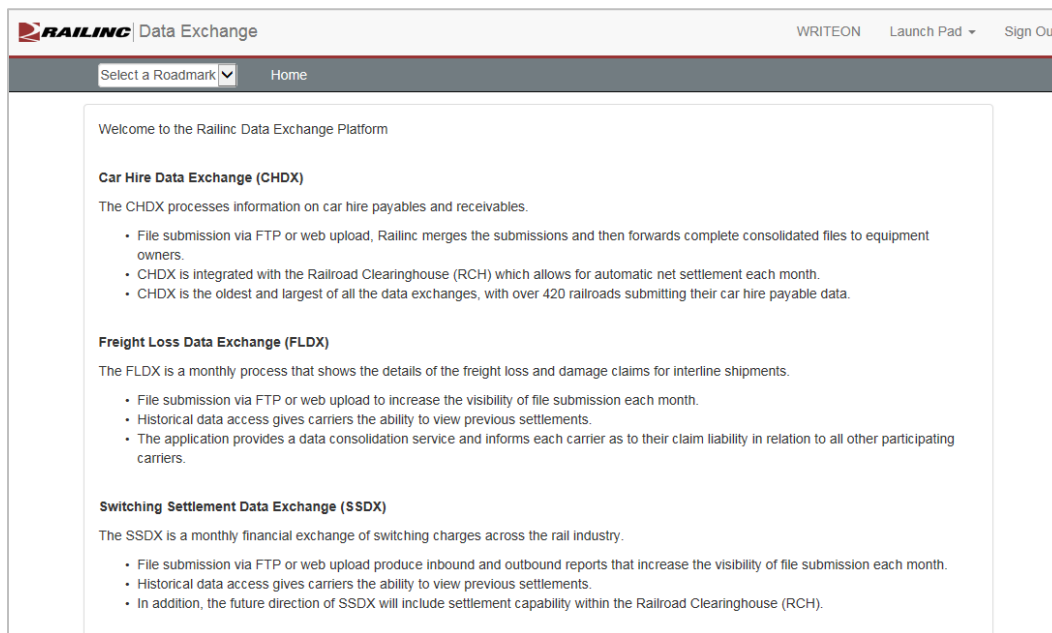
To log into SSDX:

1. Open the browser.
2. Open the Railinc portal at <https://public.railinc.com>.
3. Select the Customer Login link in the upper right. The Account Access page opens. Log into SSO. The Launch Pad with authorized Railinc applications is displayed.

Note: For more information about the Launch Pad, refer to the [Single Sign-On and Launch Pad User Guide](#).

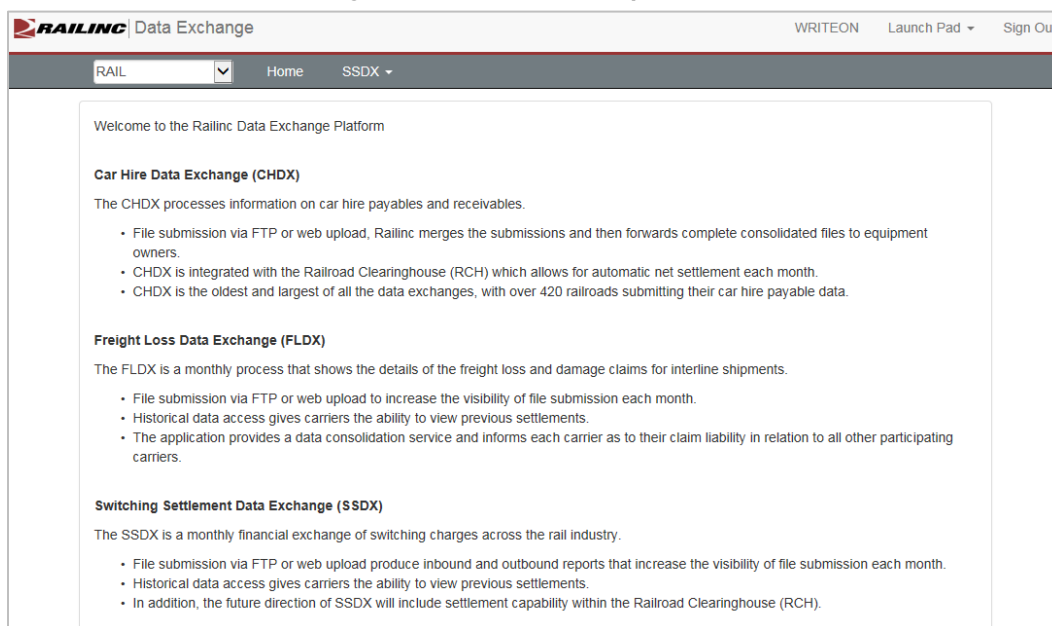
4. Select **Railinc Data Exchange**. The Welcome to the Railinc Data Exchange Platform page is displayed.

Exhibit 3. Railinc Data Exchange Platform



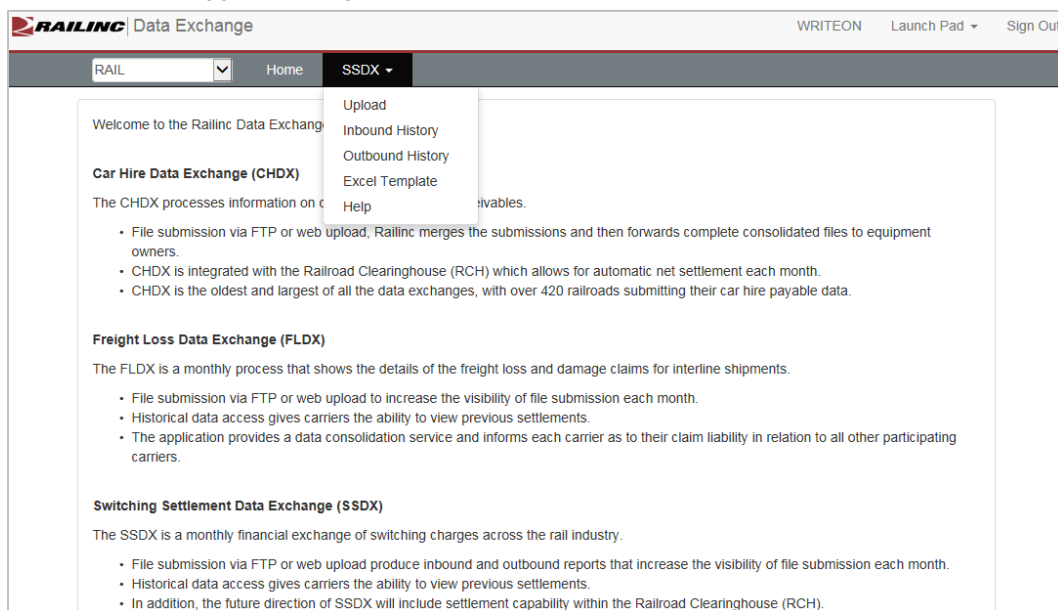
5. From the **Select a Roadmark** dropdown, select the account to manage. The Roadmark field indicates the currently managed company, and the SSDX application options are displayed.

Exhibit 4. Railinc Data Exchange Platform with SSDX Option



6. Select the SSDX dropdown to display the functions of the SSDX application.

Exhibit 5. SSDX Application Options



Logging Out

Select the **Sign Out** link to end an SSDX session. The user returns to the SSO Welcome Page.

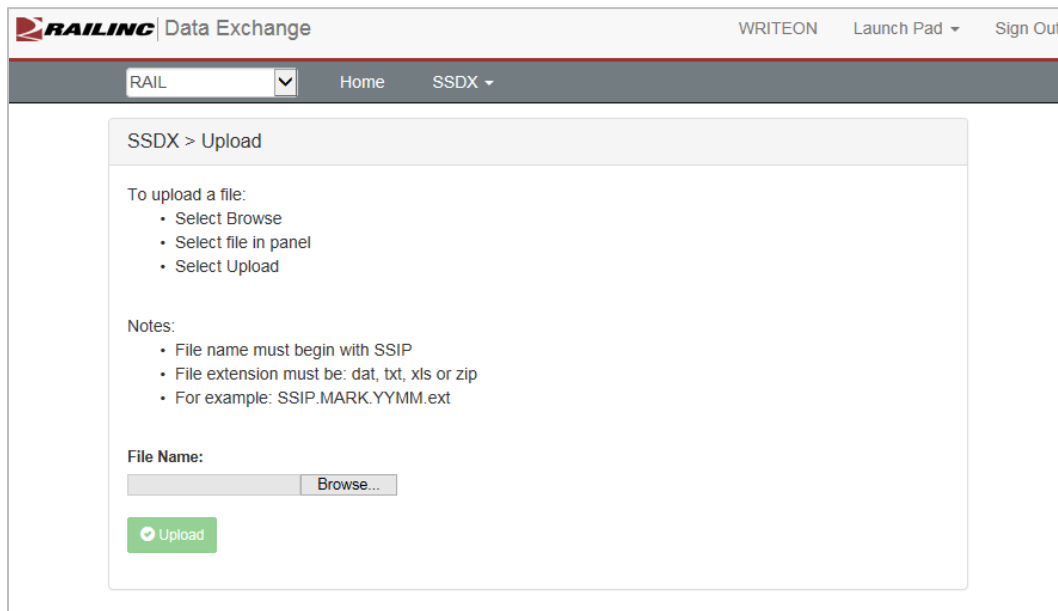
Upload

Users can upload SSDX files.

To upload an SSDX file:

1. Log into SSDX as described in [Logging In](#). Select the SSDX dropdown to display the functions of the SSDX application ([Exhibit 5](#)).
2. Select **Upload**. The Upload page is displayed ([Exhibit 6](#)).

Exhibit 6. SSDX Upload Page



RAILING Data Exchange

WRITEON Launch Pad Sign Out

RAIL Home SSDX

SSDX > Upload

To upload a file:

- Select Browse
- Select file in panel
- Select Upload

Notes:

- File name must begin with SSIP
- File extension must be: dat, txt, xls or zip
- For example: SSIP.MARK.YYMM.ext

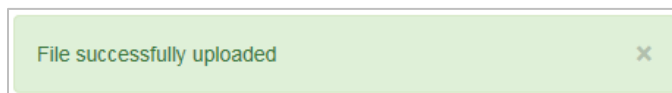
File Name:

Browse...

Upload

3. Select **Browse**. Select the file to be uploaded from the displayed panel.
4. Once the file to be uploaded appears in the File Name field, select the **Upload** button.
5. If successful, a message appears confirming the success of the upload ([Exhibit 7](#)).

Exhibit 7. Upload Confirmation Message



File successfully uploaded

Outbound History

Users can view SSDX outbound history files.

Here is how to view and download outbound history records.

1. Log into SSDX as described in [Logging In](#). Select the SSDX dropdown to display the functions of the SSDX application ([Exhibit 5](#)).
2. Select **Outbound History**. The Outbound History page is displayed ([Exhibit 8](#)).

Exhibit 8. Outbound History Page

RAILINC Data Exchange

WRITEON Launch Pad Sign Out

RAIL Home SSDX

SSDX > Outbound History

Filter by: MONTH YEAR MARK

Displaying 1 - 50 of 357 files

Actions	Receiving Roadmark	Outbound File Name	Total Records	Transaction Amount	Date Created
Action	AAR	SSOP.AAR.1407.dat	11	\$630.00	2014/07/28 23:37:32 EST
Action	AAR	SSOP.AAR.1407.dat	19	\$4,575.00	2014/07/28 11:52:28 EST
Action	AAR	SSOP.AAR.1402.dat	7	\$1,404.00	2014/02/18 11:58:48 EST

50 < 1 2 3 4 5 6 7 8 >

3. As needed, use the available filters (month, year, or mark) to narrow the number of displayed records.
4. As needed, sort the displayed records table columns, ascending or descending, by clicking the desired header column.
5. As needed, use the display and navigation options ([Exhibit 9](#)) to modify the number of displayed records or to move to the next page of records.

Exhibit 9. Record Display and Navigation Options

50 < 1 2 3 4 5 6 7 8 >

6. Select the Action dropdown next to the outbound file row that you want to download. The download options appear ([Exhibit 10](#)).

Exhibit 10. Upload Action Dropdown

Action WW

Download PDF Report

Download Outbound File

7. Download an outbound history record in one of the following ways:
 - a. Select **Download PDF Report** option to download the selected row as a PDF. Select to either open or save the file. When opened, the report is displayed as a PDF showing SSDX processed totals, Railinc totals, and a Canadian tax summary ([Exhibit 11](#)). Use the controls within Adobe Acrobat to save or print the report.

NOTE: Here is an overview of the Canadian tax categories:

- **HST**—Harmonized Sales Tax - This tax replaces the Provincial Sales Tax (PST) and the Goods and Services Tax (GST) in the participating provinces. It applies to the taxable supply of goods and services made in the following provinces: British Colombia, New Brunswick, Ontario, Newfoundland, and Labrador.
- **GST**—Goods and Services Tax.
- **QST**—Quebec Sales Tax (Quebec only).

NOTE: Here is an overview of Railroad Clearinghouse (RCH) statuses:

- **Y**—Included in RCH settlement.
- **N**—Not included in RCH settlement due to non-RCH participation of the receiving or paying road.
- **T**—Not included in RCH settlement due to threshold tolerance exceedance of the receiving or paying road.

Exhibit 11. Outbound Summary Report (PDF)

SSDX Outbound Summary Report

File Name: .dat

Total Transactions: 14

Receiver Mark:

Total Records Processed: 1622

Processed Date: 2018-12-28 14:00 EST

SSDX Processed Total				Railinc Total						
Due To	Due From	SPLC Code	Type of Switch	Fuel Surcharge	Canadian Tax - QST	Canadian Tax - GST	Canadian Tax - HST	RCH Status	Record Count	Transaction Amount
		380000	01	0.00	0.00	0.00	0.00	Y	27	8,100.00
		380000	02	0.00	0.00	0.00	0.00	Y	3	900.00
		380000	03	0.00	0.00	0.00	0.00	Y	1382	117,360.00
		380000	02	0.00	0.00	0.00	0.00	Y	7	5,250.00
		384130	01	0.00	0.00	0.00	0.00	Y	25	18,750.00
		384130	02	0.00	0.00	0.00	0.00	Y	1	750.00
		439900	01	0.00	0.00	0.00	0.00	Y	46	9,200.00
		472600	01	0.00	0.00	0.00	0.00	Y	6	1,200.00
		494970	01	0.00	0.00	0.00	0.00	Y	2	300.00
		299210	01	0.00	0.00	0.00	0.00	Y	26	11,700.00
		846200	01	0.00	0.00	0.00	0.00	Y	85	60,714.00
		846200	02	0.00	0.00	0.00	0.00	Y	10	9,033.00
		396292	01	0.00	0.00	0.00	0.00	Y	1	132.00
		396292	03	0.00	0.00	0.00	0.00	Y	1	479.00
Total 01 Record Count									1622	
Total Transaction Amount										243,868.00

SSDX Outbound Summary Report

Canadian Tax Summary for RCH Roads

Canadian Tax Type	Tax Amount
QST	0.00
GST	0.00
HST - BC	0.00
HST - NB	0.00
HST - NL	0.00
HST - NS	0.00
HST - ON	0.00

- b. Select **Download Outbound File** to download the select row. Select to either open or save the file.

Inbound History

Users can view SSDX inbound history files.

1. Log into SSDX as described in [Logging In](#). Select the SSDX dropdown to display the functions of the SSDX application ([Exhibit 5](#)).
2. Select **Inbound History**. The Inbound History page is displayed ([Exhibit 12](#)).

Exhibit 12. Inbound History Page

RAILING Data Exchange WRITEON Launch Pad Sign Out

RAIL Home SSDX

SSDX > Inbound History

Filter by: MONTH YEAR MARK

Displaying 1 - 50 of 4,040 files

Actions	Submitting Roadmark	Inbound File Name	Date Received	Total Records	Transaction Amount	Status
Action	AAR	SSIP.AAR.1407.toRAIL.Inb115_145_146_new.1407.txt	2014/07/18 16:16:20 EST	17	\$4,575.00	Rejected
Action	AAR	SSIP.URR.1405.TXT	2014/05/27 15:35:59 EST	110	\$49,990.40	Rejected
Action	AAR	SSIP.AAR.1401.txt	2014/01/29 22:35:06 EST	11	\$2,131.63	Rejected
Action	AAR	SSIP.AAR.1401.txt	2014/01/29 22:28:17 EST	11	\$2,131.63	Processed
Action	AAR	SSIP.AAR.1401.txt	2014/01/23 12:19:09 EST	11	\$2,131.63	Processed
Action	AAR	SSIP.AAR.1401.txt	2014/01/23 12:15:50 EST	11	\$2,131.63	Processed

50 1 2 3 4 5 6 7 ... 81

3. As needed, use the available filters (month, year or mark) to narrow the number of displayed records.
4. As needed, sort the displayed records table columns, ascending or descending, by clicking the desired header column.
5. As needed, use the display and navigation options ([Exhibit 9](#)) to modify the number of displayed records or to move to the next page of records.
6. Select the Action dropdown next to the inbound file row that you want to download. The download options appear (similar to [Exhibit 10](#)).
7. Download an inbound history record in one of the following ways:
 - a. Select **Download PDF Report** to download the selected row as a PDF. Select to either open or save the file. When opened, the report is displayed as a PDF ([Exhibit 13](#)). Use the controls within Adobe Acrobat to save or print the report.

Exhibit 13. Inbound Summary Report (PDF)


SSDX Inbound Summary Report

File Name:
.txt

Submitting Profile ID:

Date Received: 2018-11-02 17:54 EDT

Date Validated: 2018-11-02 18:03 EDT

Total Records Received: 14081

Total Records Validated: 13681

Total Records Rejected: 400

Total Transactions: 366

[Download SSDX Error Code Details](#)


SSDX Inbound Summary Report

SSDX Submitted Total				Railinc Submitted Total				
Due To	Due From	SPLC Code	Type of Switch	Record Count	Fuel Surcharge	Canadian Tax QST	Canadian Tax GST or HST	Transaction Amount
		878600	02	23	0.00	0.00	0.00	6,785.00
		880181	01	19	0.00	0.00	0.00	5,605.00
		880188	01	7	0.00	0.00	0.00	2,065.00
		880203	01	15	0.00	0.00	0.00	4,425.00
		880203	02	123	0.00	0.00	0.00	36,285.00
		880205	01	17	0.00	0.00	0.00	5,015.00
		880252	01	22	0.00	0.00	0.00	6,490.00
		880254	01	15	0.00	0.00	0.00	4,425.00
		880286	11	18	0.00	0.00	0.00	3,168.00
		880286	13	1	0.00	0.00	0.00	515.00
		883000	01	26	0.00	0.00	0.00	7,670.00
		883000	02	15	0.00	0.00	0.00	4,425.00
		883000	03	17	0.00	0.00	0.00	6,800.00
		883000	11	101	0.00	0.00	0.00	14,501.00
		883628	11	1	0.00	0.00	0.00	295.00
		883652	12	23	0.00	0.00	0.00	3,870.00
		887106	01	10	0.00	0.00	0.00	2,950.00
		840574	11	25	0.00	0.00	0.00	15,000.00
		840574	12	13	0.00	0.00	0.00	2,050.00
		840574	13	132	0.00	0.00	0.00	26,400.00
		849118	11	1	0.00	0.00	0.00	600.00
		849118	13	157	0.00	0.00	0.00	145,225.00
		516564	11	2	0.00	0.00	0.00	424.00
Total 01 Record Count				13684				
Total Transaction Amount								3,723,579.25

- b. Select **Download Inbound File** to download the select row. Select to either open or save the file.

Excel Template

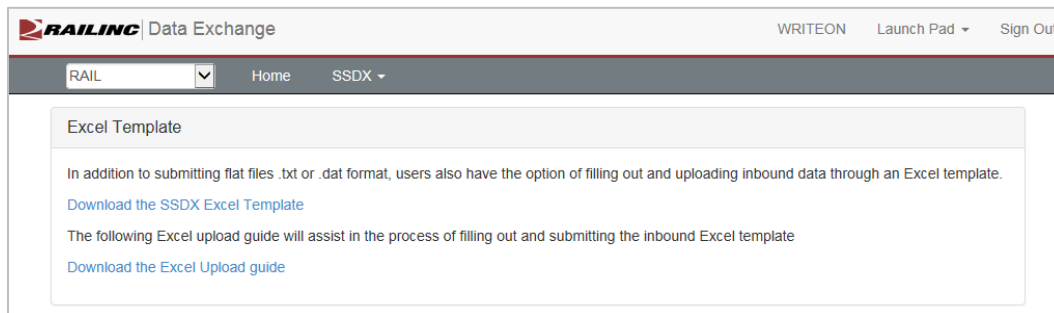
Users can use the available Excel template to format and submit SSDX files. The *Excel Upload Guide*, which is described in the following section, explains the requirements for formatting the file.

Download and Utilize the Excel Template

In addition to submitting flat files (.txt or .dat format), users also have the option of filling out and uploading inbound data through an Excel template.

1. Log into SSDX as described in [Logging In](#). Select the SSDX dropdown to display the functions of the SSDX application ([Exhibit 5](#)).
2. Select **Excel Template**. The Excel Template page is displayed ([Exhibit 14](#)).

Exhibit 14. Excel Template



3. Select the **Download the SSDX Excel Template** link to initiate the download of the template.
4. Select open on the displayed panel. The template is opened in Excel ([Exhibit 15](#)).

Exhibit 15. Excel Template (showing hover text)

Record Type	Record Type	Current Accounting Year	Current Accounting Month	Due From Road	Location	Due To Road	Original or As Settled Accounting Year	Original or As Settled Accounting Month	Code	Sheet Number	Line Number	AAR Flag	Car Cut	Blank	Car Initial	Car Numb
Bytes	1-2	3-4	5-6	7-10	11-16	17-20	21-22	23-24	25-26	27-30	31-32	33	34	35-37	38-41	42-4

5. The template includes details on all fields. Hover text provides a definition of each field. Hover the cursor over the red triangle in the right corner of a field to have the help displayed.

- Begin entry in the template on row 4, column b (as indicated in [Exhibit 15](#)). Begin data entry with the Record Type 01 and press tab.
- Complete all the required input fields for record type 01. As needed, use the available Excel Upload Guide to assist with entry (see [Download the Excel Upload Guide](#) or [File Layout](#) for additional assistance).
- Save the completed Excel file.

Download the Excel Upload Guide

The Excel upload guide assists in the process of filling out and submitting the inbound Excel template.

- Log in to SSDX as described in [Logging In](#). Select the SSDX dropdown to display the functions of the SSDX application ([Exhibit 5](#)).
- Select **Excel Template**. The Excel Template page is displayed ([Exhibit 14](#)).
- Select the **Download the Excel Upload Guide** link to initiate the download of the guide.
- Select open on the displayed panel. The guide is opened in Excel ([Exhibit 16](#)).

Exhibit 16. Excel Upload Guide

01 Record Type	Record Number	Current Accounting Year	Current Accounting Month	Due From Road	Location	Due To Road	Original Accounting Year	Original Accounting Month	Switching Settlements Code	Sheet Number	Line Number	AAR Flag	Car Cut	Blank	Car Initial	Car Number	Industry	STCC	Weights	Switch
01	10	09	09	AAAA	380000	888	10	08	01	0001	01						SMUCKERUM	0000000	000000	000000
01	10	09	09	AAAA	380000	888	10	08	01	0001	02						SMUCKERUM	0000000	000000	000000
01	10	09	09	AAAA	380000	888	10	08	01	0002	01						EXXCHL	0000000	000000	000000
01	10	09	09	AAAA	380000	888	10	08	01	0001	01						EXXCHL	0000000	000000	000000
01	10	09	09	AAAA	380000	888	10	08	03	0001	02						EXXCHL	0000000	000000	000000
01	10	09	09	AAAA	380000	888	10	08	09	0001	08						EXXCHL	0000000	000000	000000
01	10	09	09	AAAA	456700	888	10	08	12	0001	01						EXXCHL	0000000	000000	000000
01	10	09	09	AAAA	456700	888	10	08	12	0001	02						LIBETELLC	0000000	000000	000000
01	10	09	09	CCCC	380000	888	10	08	01	0001	01						EXXCHL	0000000	000000	000000
01	10	09	09	CCCC	380000	888	10	08	01	0001	02						EXXCHL	0000000	000000	000000
01	10	09	09	CCCC	380000	888	10	08	01	0001	08						EXXCHL	0000000	000000	000000
01	10	09	09	EE	380000	DDDD	10	08	02	0001	01						FLAMARLP	0000000	000000	000000
01	10	09	09	EE	380000	DDDD	10	08	02	0001	02						FLAMARLP	0000000	000000	000000

- Utilize the stepped process to complete the Excel template.

Threshold Setting

Users with this role may setup threshold and exceptions in the SSDX application. Thresholds set a limit on the amount that a road can be billed. Thresholds can be set globally (applies to all roads) or road-specific. Road-specific thresholds are considered before a global threshold, if both are set.

NOTE: Users must be assigned the SSDX Threshold Web User role in order to perform this task.

IMPORTANT: By default, global thresholds default to zero. A threshold must be set in order to have transactions processed through RCH. If not set or if a set threshold is exceeded, transactions appear on the summary report with an RCH Status of “T”, indicating a threshold exceedance. Thresholds are determined reciprocally. This means that both roads in a transaction must be within a set threshold in order for all the transactions to clear. Threshold example scenarios are available in Appendix C of the [SSDX Getting Started User Guide](#).

Setting the Global Threshold

Here is how to set the global threshold.

1. Log into SSDX as described in [Logging In](#) with the SSDX Threshold Web User role. Select the SSDX dropdown to display the functions of the SSDX application.
2. Select **Threshold Setting**. The Threshold Setting page is displayed ([Exhibit 17](#)).

Exhibit 17. Threshold Setting

RAILINC Data Exchange document Launch Pad Sign Out

RAIL Home CHDX FLDX SSDX

SSDX > Threshold Setting

Save Thresholds Setting

Global Threshold

Fund Type: USD Participant Name: RAIL

Amount: 0.00

Road Specific Thresholds

SCAC	Amount	Fund Type	Status	Effective Date	Expiration Date	Action
AAR	\$100.00	USD	Active	05/11/2012	05/10/2015	Expire
AAR	\$0.00	USD	Active	04/11/2015	12/10/9999	Expire

3. Set the **Global Threshold** by selecting the applicable Fund Type (USD or CAD). The Threshold Setting screen toggles between displaying any USD-based and CAD-based thresholds.

NOTE: If a road handles financial transactions in both the US and in Canada, then a global threshold must be set for both currencies.

4. Enter the corresponding dollar amount.

5. Complete the input fields for Primary and Secondary Contacts with valid email addresses. These contacts will be notified if a threshold tolerance has been exceeded. At least one Primary and one Secondary contact email is required.

NOTE: Only one Primary Contact can be specified, but multiple Secondary Contacts can be specified. Separate multiple entries with a semicolon (;).

6. Select **Save Threshold Setting** to save the entered global threshold. If validation passes, a success confirmation is displayed.

Setting Road Specific Thresholds

Here is how to set road specific thresholds.

1. Log into SSDX as described in [Logging In](#) with the SSDX Threshold Web User role. Select the SSDX dropdown to display the functions of the SSDX application.
2. Select **Threshold Setting**. The Threshold Setting page is displayed ([Exhibit 17](#)).
3. Set the Road Specific Threshold by selecting the **Add** button. The Road Specific Threshold Detail Panel for Adds ([Exhibit 18](#)) is displayed.

Exhibit 18. Road Specific Threshold Detail Panel (Add)

The screenshot shows a web form titled "Road Specific Threshold Detail". It contains several input fields with labels and asterisks indicating required fields:

- SCAC ***: A text input field with a red error message below it: "SCAC field cannot be empty". A red "Required" label is to the right.
- Amount ***: A text input field containing the value "0".
- Fund Type**: A dropdown menu showing "USD".
- Effective Date ***: A date input field showing "05/11/2015" with a calendar icon.
- Expiration Date ***: A date input field showing "12/10/9999" with a calendar icon.

At the bottom right of the form are two buttons: a green "Add" button with a plus icon and an orange "Done" button with a minus icon.

4. Complete the available input fields for SCAC, Amount, Fund Type, Effective and Expiration Dates. Once completed, the Add button becomes active.
5. Complete one of the following actions:
 - a. Select the **Add** button to complete the addition. Validation occurs and if successful the Threshold Setting page is re-displayed with a confirmation and the newly added road specific threshold displayed. If not already completed, provide primary and secondary contact email addresses and select **Save**. Otherwise the record is already saved.

- b. Select **Done** to cancel the addition of the road specific threshold.

Modifying Road Specific Thresholds

Here is how to modify road specific thresholds.

1. Log into SSDX as described in [Logging In](#) on with the SSDX Threshold Web User role. Select the SSDX dropdown to display the functions of the SSDX application.
2. Select **Threshold Setting**. The Threshold Setting page is displayed ([Exhibit 17](#)).
3. Set the Road Specific Threshold by selecting the **Modify** button. The Road Specific Threshold Detail Panel for Modify ([Exhibit 19](#)) is displayed.

Exhibit 19. Road Specific Threshold Detail Panel (Modify)

The screenshot shows a web form titled "Road Specific Threshold Detail". Below the title is a confirmation message: "Are you sure you want to change the road specific threshold?". The form contains several input fields, each with a red asterisk indicating it is required:

- SCAC ***: A text input field containing "AAR".
- Amount ***: A text input field containing "100".
- Fund Type**: A dropdown menu showing "USD".
- Effective Date ***: A date input field containing "05/11/2012" with a calendar icon to its right.
- Expiration Date ***: A date input field containing "12/10/9999" with a calendar icon to its right.

At the bottom right of the form are two buttons: a green "Modify" button with a plus icon and an orange "Cancel" button with a minus icon.

4. Complete the available input fields for **Amount**, **Effective** and **Expiration Dates**. Once completed, the **Modify** button becomes active.
5. Complete one of the following actions:
 - a. Select the **Modify** button to complete the update. Validation occurs and if successful the Threshold Setting page is re-displayed with a confirmation and the newly updated amount specific threshold displayed. If not already completed, provide primary and secondary contact email addresses and select **Save**. Otherwise the record is already saved.
 - b. Select **Cancel** to cancel the update of the road specific threshold.

Expiring Road Specific Thresholds

When expiring, the only field that can be edited is the expiration date. The expiration date defaults to 12/10/9999. The effective date is always on the 11th and expiration date defaults to the 10th of the month.

1. Log into SSDX as described in [Logging In](#) on with the SSDX Threshold Web User role. Select the SSDX dropdown to display the functions of the SSDX application.
2. Select **Threshold Setting**. The Threshold Setting page is displayed ([Exhibit 17](#)).
3. Select the listed Road Specific Threshold to be expired and select the **Expire** button. The Road Specific Threshold Detail Panel for Expire ([Exhibit 20](#)) is displayed.

Exhibit 20. Road Specific Threshold Detail Panel (Expire)

Road Specific Threshold Detail

Are you sure you want to expire the road specific threshold?

SCAC *

AAR

* Required

Amount *

100

Fund Type

USD

Effective Date *

05/11/2012

Expiration Date *

05/10/2015



Expire

Done

4. Complete the input field for the **Expiration Date**.
5. Complete one of the following actions:
 - a. Select **Expire** to complete the expiration. Validation occurs and if successful the Threshold Setting page is re-displayed with a confirmation and the newly expired road specific threshold displayed.
 - b. Select **Done** to cancel the expiration.

File Layout

SSDX Error Codes

<u>Submission Edits</u>	<u>Digit Edits</u>	<u>Inbound Edits</u>	<u>Inbound Edits</u>
<u>SUB100</u>	<u>DIG100</u>	<u>INB100</u>	<u>INB139</u>
<u>SUB101</u>	<u>DIG101</u>	<u>INB101</u>	<u>INB140</u>
<u>SUB102</u>	<u>DIG102</u>	<u>INB102</u>	<u>INB141</u>
<u>SUB103</u>	<u>DIG103</u>	<u>INB103</u>	<u>INB142</u>
<u>SUB105</u>	<u>DIG104</u>	<u>INB104</u>	<u>INB143</u>
	<u>DIG105</u>	<u>INB105</u>	<u>INB144</u>
	<u>DIG106</u>	<u>INB106</u>	<u>INB146</u>
	<u>DIG107</u>	<u>INB107</u>	<u>INB601</u>
	<u>DIG108</u>	<u>INB108</u>	<u>INB602</u>
	<u>DIG109</u>	<u>INB109</u>	<u>INB603</u>
	<u>DIG110</u>	<u>INB110</u>	<u>INB604</u>
	<u>DIG111</u>	<u>INB111</u>	<u>INB606</u>
	<u>DIG112</u>	<u>INB112</u>	<u>INB607</u>
	<u>DIG113</u>	<u>INB113</u>	<u>INB608</u>
	<u>DIG114</u>	<u>INB114</u>	<u>INB609</u>
	<u>DIG115</u>	<u>INB115</u>	<u>INB610</u>
	<u>DIG116</u>	<u>INB116</u>	<u>INB611</u>
	<u>DIG117</u>	<u>INB117</u>	<u>INB612</u>
	<u>DIG118</u>	<u>INB118</u>	
	<u>DIG119</u>	<u>INB119</u>	
	<u>DIG120</u>	<u>INB120</u>	
	<u>DIG121</u>	<u>INB121</u>	
	<u>DIG122</u>	<u>INB122</u>	
	<u>DIG123</u>	<u>INB123</u>	
	<u>DIG124</u>	<u>INB124</u>	
	<u>DIG125</u>	<u>INB125</u>	
	<u>DIG126</u>	<u>INB126</u>	
	<u>DIG127</u>	<u>INB127</u>	
	<u>DIG128</u>	<u>INB128</u>	
	<u>DIG129</u>	<u>INB129</u>	
	<u>DIG130</u>	<u>INB130</u>	
	<u>DIG131</u>	<u>INB131</u>	
	<u>DIG132</u>	<u>INB132</u>	
	<u>DIG133</u>	<u>INB133</u>	
	<u>DIG134</u>	<u>INB134</u>	
	<u>DIG135</u>	<u>INB135</u>	
	<u>DIG136</u>	<u>INB136</u>	
	<u>DIG137</u>	<u>INB137</u>	
		<u>INB138</u>	

Type is defined as follows:

- ❖ A – “Alphabetic” MUST be left-justified.
- ❖ AN – “Alphanumeric” MUST be left-justified and, generally, do not include special characters unless otherwise specified.
- ❖ N – “Numeric” MUST be right-justified.

Submission Edits

Error Code	Edit/Description	Error Type
SUB100	Submitted .zip file may only contain a single file.	Mandatory Reject
SUB101	Submitted file is not compatible with submitted file extension. Please submit file with a .dat, .txt, .xls or .zip extension.	Mandatory Reject
SUB102	Submitted file (inside the .zip file) could not be extracted.	Mandatory Reject
SUB103	Submitted file may be corrupt and could not be validated.	Mandatory Reject
SUB105	Inbound filename does not follow the standard naming convention: SSIP.<ROADMARK>.<YYMM>.<ext> (SSIP.BNSF.1012.zip). Note: YYMM should reflect the processing month (current month).	Mandatory Reject

Digit Edits

Error Code	Edit/Description	Error Type
DIG100	<i>Current Accounting Year</i> (positions 1-2) must not exceed 2 digits.	Mandatory Reject
DIG101	<i>Current Accounting Month</i> (positions 3-4) must not exceed 2 digits.	Mandatory Reject
DIG102	<i>Due From Road</i> (positions 7-10) must not exceed 4 alphabetic characters.	Mandatory Reject
DIG103	<i>Location</i> (positions 11-16) must not exceed 6 digits.	Mandatory Reject
DIG104	<i>Due To Road</i> (positions 17-20) must not exceed 4 alphabetic characters.	Mandatory Reject
DIG105	<i>Original Accounting Year</i> (positions 21-22) must not exceed 2 digits.	Mandatory Reject
DIG106	<i>Original Accounting Month</i> (positions 23-24) must not exceed 2 digits.	Mandatory Reject
DIG107	<i>Switching Settlement Code</i> (positions 25-26) must not exceed 2 digits.	Mandatory Reject
DIG108	<i>Sheet Number</i> (positions 27-30) must not exceed 4 digits.	Mandatory Reject
DIG109	<i>Line Number</i> (positions 31-32) must not exceed 2 digits.	Mandatory Reject
DIG110	<i>AAR Flag</i> (position 33) must not exceed 1 digit.	Mandatory Reject
DIG111	<i>Car Cut</i> (positions 34) must not exceed 1 digit.	Mandatory Reject
DIG112	<i>Blank</i> (positions 35-37) must not exceed 3 blank spaces.	Mandatory Reject
DIG113	<i>Car Initial</i> (positions 38-41) must not exceed 4 alphabetic characters.	Mandatory Reject
DIG114	<i>Car Number</i> (positions 42-47) must not exceed 6 digits.	Mandatory Reject
DIG115	<i>Industry</i> (positions 48-59) must not exceed 12 digits.	Mandatory Reject
DIG116	<i>STCC</i> (positions 60-66) must not exceed 7 digits.	Mandatory Reject

Error Code	Edit/Description	Error Type
DIG117	<i>Weight</i> (positions 67-72) must not exceed 6 digits.	Mandatory Reject
DIG118	<i>Switch Bill Number</i> (positions 73-78) must not exceed 6 digits.	Mandatory Reject
DIG119	<i>Rate Type Code</i> (position 79) must not exceed 1 alphanumeric character.	Mandatory Reject
DIG120	<i>Regular Rate</i> (positions 80-85) must not exceed 6 digits.	Mandatory Reject
DIG121	<i>Rule 10 Flag</i> (position 86) must not exceed 1 alphabetic character or blank space.	Mandatory Reject
DIG122	<i>Transfer Rate</i> (positions 87-91) must not exceed 5 digits.	Mandatory Reject
DIG123	<i>Interchange Code</i> (position 92) must not exceed 1 digit.	Mandatory Reject
DIG124	<i>Total Charge</i> (positions 93-98), must not exceed 6 digits.	Mandatory Reject
DIG125	<i>Switch Code</i> (position 99) must not exceed 1 alphabetic character.	Mandatory Reject
DIG126	<i>Currency Indicator</i> (position 100) must not exceed 1 alphabetic character or blank space.	Mandatory Reject
DIG127	<i>Interchange Year</i> (positions 101-102) must not exceed 2 digits.	Mandatory Reject
DIG128	<i>Interchange Month</i> (positions 103-104) must not exceed 2 digits.	Mandatory Reject
DIG129	<i>Interchange Day</i> (positions 105-106) must not exceed 2 digits.	Mandatory Reject
DIG130	<i>Interchange Hour</i> (positions 107-108) must not exceed 2 digits.	Mandatory Reject
DIG131	<i>Loaded/Empty</i> (position 109) must not exceed 1 alphabetic character.	Mandatory Reject
DIG132	<i>Adjustment or Exception Reason Code</i> (position 110) must not exceed 1 alphabetic character.	Mandatory Reject
DIG133	<i>Remarks</i> (positions 111-130) must not exceed 20 alphanumeric characters.	Mandatory Reject
DIG134	<i>Fuel Surcharge</i> (positions 131-136), must not exceed 6 digits.	Mandatory Reject
DIG135	<i>Canadian Taxes (QST)</i> (positions 137-141) must not exceed 5 digits.	Mandatory Reject
DIG136	<i>Canadian Taxes (GST or HST)</i> (positions 142-146) must not exceed 5 digits.	Mandatory Reject
DIG137	<i>Record Type</i> (positions 1-2) must not exceed 2 digits.	Mandatory Reject

Inbound Edits

Error Code	Positions	Name	Edit/Description	Error Type
INB100	3-4	Current Accounting Year	2-digit, numeric; represents the last 2 digits of the Accounting year. Note: For data submitted in January (for the December Accounting Month), this value would be the current calendar year minus one (for example, data submitted in January 2012 for December 2011 Accounting Month / Year would have a Current Accounting Year of "11").	Mandatory Reject
INB101	5-6	Current Accounting Month	2-digit numeric; represents the Accounting Month (current calendar month minus one). Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12", representing the months of January through December, respectively. Invalid values will be rejected. This field along with the Current Accounting Year field must be equal to the settlement period applicable at the time of AAR processing.	Mandatory Reject
INB102	7-10	Due From Road	4-character, alphabetic, left-justified, trailing blanks (if necessary); must be a valid Standard Carrier Alpha Code (SCAC) active at the time of interchange in the carrier MARK file per Accounting Rule 260.	Mandatory Reject
INB103A	11-16	Location	6-digit, numeric, right-justified, preceding zeros (if necessary); must be a valid Standard Point Location Code (SPLC). Invalid SPLC's will be rejected. Note: Location must contain a common SPLC between the Due To Road and Due From Road as validated in the Centralized Station Master (Industry Reference File). Note: The common SPLC must be active as of the Interchange Date [Interchange Year (Positions 101-102), Interchange Month (Positions 103-104), and Interchange Day (Positions 105-106)].	Mandatory Reject
INB103B	11-16	Location	Location must contain a common SPLC between the Due To Road and Due From	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
			Road as validated in the Centralized Station Master (Industry Reference File).	
INB103C	11-16	Location	The common SPLC must be active as of the Interchange Date [Interchange Year (Positions 101-102), Interchange Month (Positions 103-104), and Interchange Day (Positions 105-106)].	Mandatory Reject
INB104	17-20	Due To Road	4-character, alphabetic, left-justified, trailing blanks (if necessary); must be a valid Standard Carrier Alpha Code (SCAC) active at the time of interchange in the carrier MARK file per Accounting Rule 260.	Mandatory Reject
INB105	21-22	Original or As Settled Accounting Year	2-digit, numeric; represents the last 2 digits of the Original or As Settled Accounting Year. Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", or "54". If the condition is met, the value populated cannot be greater than Current Accounting Year (positions 3-4). Invalid values will be rejected. Note: Populate field with the accounting year associated with the switch as it was last settled.	Mandatory Reject
INB106	23-24	Original or As Settled Accounting Month	2-digit, numeric; represents the Original or As Settled Accounting Month. Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", or "54". If the condition is met, valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12", representing the months of January through December, respectively. Invalid values will be rejected.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
			Note: Populate field with the accounting month associated with the switch as it was last settled.	
INB107	25-26	Switching Settlement Code	2-digit, numeric; must be a valid Switching Settlement Code. Valid values are as follows; "01", "02", "03", "04", "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", and "54". Invalid values will be rejected. Note: For a description of Switching Settlement Codes, please refer to the Switching Settlement Codes chart in the SSDX User Guide.	Mandatory Reject
INB108	27-30	Sheet Number	4-digit, numeric, right-justified; must contain preceding zeroes.	Mandatory Reject
INB109	31-32	Line Number	2-digit, numeric, right-justified; must contain preceding zeroes.	Mandatory Reject
INB110	33	AAR Flag	Field must be left blank in Inbound file. Note: Populated by Railinc in Outbound file to indicate that a detail level record is either a duplicate of a previous record in file or is out of sequence.	Mandatory Reject
INB111	34	Car Cut	1-character, alphabetic. Applicable only to Canadian Interswitching. Valid values are as follows: "X" - when 60 or more cars are interchanged at once. Blank - when less than 60 cars are interchanged at once or Canadian Interswitching does not apply.	Mandatory Reject
INB112	35-37	Blank	Must be blank.	Mandatory Reject
INB113	38-41	Car Initial	4-character, alphabetic, left-justified; must contain trailing blanks, when necessary. Note: Must be a valid Railroad Equipment MARK (reporting initial assigned for use on railcars) per Railway Accounting Rule 260. Invalid MARK's will be rejected.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB114	42-47	Car Number	6-digit, numeric, right-justified; must contain preceding zeroes, when necessary. Note: Must be a valid car number	Mandatory Reject
INB115	48-59	Industry	12-digit, alphanumeric, left-justified, may contain blanks between the first and last digit; must contain trailing blanks when necessary. Industry must be populated as follows: If the Switching Settlement Code (positions 25-26) is "01", "02", "11", "12", "21", "22", "31", "41", "42", "51", or "52", then Industry must be populated with the industry switched (use of the 6-3-3 abbreviation is recommended). If the Switching Settlement Code (positions 25-26) is "03", "13", "23", "33", "43", or "53", then Industry must be populated with the valid Standard Carrier Alpha Code (SCAC) of the carrier that received the car being billed from the billing intermediate carrier. If the Switching Settlement Code (positions 25-26) is "04", "14", "24", "34", "44", or "54", then Industry must be populated with the valid Standard Carrier Alpha Code (SCAC) of the carrier whose intermediate switch charge is being recharged. Note: The SCAC populated must be valid as of the Interchange Date [Interchange Month (Positions 101-102) and Interchange Year (Positions 103-104)].	Mandatory Reject
INB116	60-66	STCC/HMRC Code	7-digit, numeric, right-justified, must contain preceding zeroes when necessary. Must be a valid Standard Transportation Commodity Code (STCC) or a valid Hazardous Materials Response Code (HMRC).	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
			Required when Rate Type Code (position 79) is "D" (based on commodity).	
INB117	67-72	Weight	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Value populated must be the net weight in pounds. Required when Rate Type Code (position 79) is "B", "C", or "F" (based on weight).	Mandatory Reject
INB118	73-78	Switch Bill Number	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Required when Rate Type Code (position 79) is "X" where roads have established agreed upon procedures.	Mandatory Reject
INB119	79	Rate Type Code	1-character, alphanumeric, must contain a valid Rate Type Code. Valid values are "A", "B", "C", "D", "E", "F", "X", "1", "2", "3", "4", and "5". Code applies to Regular Rate (positions 80-85).	Mandatory Reject
INB120	80-85	Regular Rate	6-digit, numeric, right-justified must contain preceding zeroes when necessary. Per car dollar rate format is DDDD¢¢ with an implied decimal. Weight based rate format is ¢¢¢mmmm.	Mandatory Reject
INB121	86	Rule 10 Flag	1-character, alphabetic. Valid values are "Y" (ISMR 10-D or 10-F applies) and "N" (neither ISMR 10-D or 10-F applies). A blank will be interpreted as "N".	Mandatory Reject
INB122	87-91	Blank	Must be blank.	Mandatory Reject
INB123	92	Blank	Must be blank.	Mandatory Reject
INB124	93-98	Total Charge	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Valid format is DDDD¢¢. Note: When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
			other than "B", "C" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is "B", "C" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the applicable weight-rate calculation based on Weight (positions 67-72) and Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). When the Switching Settlement Code is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54", the Total Charge (positions 93-98) for each Detail Record must be equal to the absolute value of the difference between the Original or As Settled Switch Charge (position 111-116) and the Should Be Switch Charge (position 117-122).	
INB125	99	Switch Code	1-character, alphabetic. Valid values are "I" for Interstate, "S" for Intrastate, "X" for Inter-Terminal (cross-town), or value may be blank.	Mandatory Reject
INB126	100	Currency Indicator	1-character, alphabetic. Valid values are blank for U.S. dollars or "C" for Canadian dollars. Note: The Currency Indicator value must be in agreement with the SPLC provided in the Location (positions 11-16). Refer to the INB137 edit/description for details.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB127	101-102	Interchange Year	2-digit, numeric. Represents the last 2 digits of the year in which the car was interchanged. Note: The Interchange Year must not be greater than the Current Accounting Year (positions 3-4) or Original Accounting Year (positions 21-22).	Mandatory Reject
INB128	103-104	Interchange Month	2-digit, numeric. Represents the month in which the car was interchanged. Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12", representing the months of January through December, respectively.	Mandatory Reject
INB129	105-106	Interchange Day	2-digit, numeric. Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", and "31"; representing the day on which the car was interchanged. Note: Interchange Day must be a valid date based upon number of days in the Interchange Month (positions 103-104).	Mandatory Reject
INB130	107-108	Interchange Hour	2-digit, numeric. Valid values are "00", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", and "23"; representing the hour in which the car was interchanged relative to a 24-hour clock. Note: Interchange Hour may also be left blank.	Mandatory Reject
INB131	109	Loaded/Empty	1-character, alphabetic. Valid values are "L" for Loaded and "E" for Empty.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB132	110	Adjustment or Exception Reason Code	1-character, alphabetic. Valid Adjustment or Exception Reason Codes are "A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", "M", "N", "O", "P", "Q" and "Z". Note: Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "31", "32", "33", "34", "41", "42", "43" or "44". For a description of Adjustment or Exception Reason Codes, please refer to the Adjustment or Exception Reason Codes chart in the SSDX User Guide.	Mandatory Reject
INB133	148-177	Additional Remarks	30-character, alphanumeric, left-justified, trailing blanks when necessary. Special characters, excluding commas (","), are allowed. Contains free form text description of adjustment, exception, or counter-exception. Note: Required when Adjustment or Exception Reason Code (position 110) is populated with "Z".	Mandatory Reject
INB134	131-136	Fuel Surcharge	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Valid format is DDDD¢¢. Note: When the Due To Road (positions 17-20) does not assess a Fuel Surcharge, the field must be populated with all zeroes.	Mandatory Reject
INB135	137-141	Canadian Taxes (QST)	5-digit, numeric, right-justified, must contain preceding zeroes when necessary. Valid format is DDD¢¢. Note: Required if Currency Indicator (position 100) is populated with a "C" and value in Canadian Taxes (GST or HST) (positions 142-146) is less than "00001". For U.S. locations and Canadian locations where QST is not applicable, this field must be populated with all zeroes.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB136	142-146	Canadian Taxes (GST or HST)	5-digit, numeric, right-justified, must contain preceding zeroes, when necessary. Valid format is DDD¢¢. Note: Required if Currency Indicator (Position 100) is populated with a “C” and value in Canadian Taxes (QST) (positions 137-141) is less than “00001”. For U.S. locations and Canadian locations where GST or HST is not applicable, this field must be populated with all zeroes.	Mandatory Reject
INB137	11-16, 100	Currency Indicator vs. SPLC	If Currency Indicator (position 100) is blank, then the Location (positions 11-16) must be a Standard Point Location Code (SPLC) within the U.S. If Currency Indicator (position 100) is “C”, then the Location (positions 11-16) must be a Standard Point Location Code (SPLC) within Canada.	Mandatory Reject
INB138	178-186	CIF Number	9-character, alphanumeric, right justified, must contain preceding zeros when necessary. Field to be populated with the 9-digit CIF number, or the Railinc assigned temporary 9-character CIF number (begins with “A”), associated with the industry switched.	Warning-validation of CIF and Reject for Formatting
INB139	187-190	CIF Sub-Location	4-digit, numeric, right justified, must contain preceding zeroes when necessary. Field to be populated with the Railinc assigned 4-digit Sub-Location number associated with the industry switched.	Warning if value is not a valid CIF, Mandatory Reject if formatting is incorrect
INB140	111-116	Original or As Settled Total Charge	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Valid format would be DDDD¢¢, representing the total dollar amount for the switch as it was last settled, including Fuel Surcharge, Canadian Taxes (QST), Canadian Taxes (GST or HST).	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
			Note: Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	
INB141	117-122	Should Be Switch Charge	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Valid format would be DDDD¢¢, representing the total dollar amount for the switch as it should have settled, including Fuel Surcharge, Canadian Taxes (QST), Canadian Taxes (GST or HST). Note: Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	Mandatory Reject
INB142	123-126	Original or As Settled Sheet Number	4-digit, numeric, right-justified, must contain preceding zeroes when necessary. Should be populated with the sheet number associated with the switch as it was last settled. Note: Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	Mandatory Reject
INB143	127-130	Original or As Settled Line Number	4-digit, numeric, right-justified, must contain preceding zeroes when necessary. Should be populated with the line number associated with the switch as it was last settled Note: Required when Switching Settlement Code (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB144	148-177	Additional Remarks Special Characters	30-character, alphanumeric, left-justified, trailing blanks when necessary Additional Remarks (position 148-177) (","). Alphanumeric values and special characters, excluding commas (","), are allowed.	Mandatory Reject
INB145	147	RCH Status Flag	Field must be left blank in Inbound file. Note: Populated by Railinc in Outbound file to indicate RCH settlement status.	Mandatory Reject
INB146	191-500	Blank	Must be blank	Mandatory Reject
INB601A	93-98	Total Charge	When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is other than "B", "C" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146).	Mandatory Reject
INB601B	93-98	Total Charge	When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is "B" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the applicable weight-rate calculation based on Weight (positions 67-72) and Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). Note on Rate per Hundred: When calculating Rate per Hundred [Rate Type Code (position 79) = "B" or "F"], the Total Charge (positions 93-98) would be calculated as follows: Total Charge = [(Weight / 100) x Regular Rate] + Fuel Surcharge + Canadian Tax (QST) + Canadian Tax (GST or HST). Portions of cents will be rounded to the nearest cent.	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB601C	93-98	Total Charge	When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is "C" the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the applicable weight-rate calculation based on Weight (positions 67-72) and Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). Note on Rate per Ton: When calculating Rate per Ton [Rate Type Code (position 79) = "C"], the Total Charge (positions 93-98) would be calculated as follows: Total Charge = [(Weight / 2000) x Regular Rate] + Fuel Surcharge + Canadian Tax (QST) + Canadian Tax (GST or HST). Portions of cents will be rounded to the nearest cent.	Mandatory Reject
INB601D	93-98	Total Charge	When the Switching Settlement Code (position 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54", the Total Charge (positions 93-98) for each Detail Record must be equal to the absolute value of the difference between the Original or As Settled Total Charge (position 111-116) and the Should Be Switch Charge (position 117-122).	Mandatory Reject
INB602	21-24, 3-6	Original Accounting Year/ Month vs. Current Accounting Year/Month	<i>Original Accounting Year</i> (positions 21-22) and <i>Original Accounting Month</i> (positions 23-24) cannot be greater than the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6).	Mandatory Reject
INB603	101-104, 21-24	Interchange Year/Month vs. Original Accounting Year/Month	<i>Interchange Month</i> (positions 101-102) and <i>Interchange Year</i> (positions 103-104) cannot be greater than the <i>Original Accounting Year</i>, (positions 21-22) and <i>Original Accounting Month</i>, (positions 23-24)	Mandatory Reject
INB604	17-20	Non-Authorized Submitter	Submitter not authorized to submit on behalf of the <i>Due To Road</i> , (positions 17-20).	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
INB606	101-104	Interchange Year/Month vs. Current Accounting Year/Month	<i>Interchange Month (positions 101-102) and Interchange Year (positions 103-104) cannot be greater than the Current Accounting Year (positions 3-4) and Current Accounting Month (positions 5-6).</i>	Mandatory Reject
INB607	25-26, 21-24, 3-6	Switching Settlement Code vs. Accounting Year/ Month (Initial Bill)	Where the <i>Switching Settlement Code</i> (positions 25-26) is “01”, “02”, “03” or “04”, the combination (year/month) of the values in the <i>Original or As Settled Accounting Year</i> (positions 21-22) and <i>Original or As Settled Accounting Month</i> (positions 23-24) fields must not be less than or greater than the combination (year/month) of the values in the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6) fields. Note: Although the expected value for the <i>Original or As Settled Accounting Year</i> and <i>Original or As Settled Accounting Month</i> fields would be “blank” for records with a <i>Switching Settlement Code</i> of “01”, “02” “03” or “04”, the combination (year/month) of the values in the <i>Original or As Settled Accounting Year</i> and <i>Original or As Settled Accounting Month</i> fields may be equal to the combination (year/month) of the values in the <i>Current Accounting Year</i> and <i>Current Accounting Month</i> fields.	Mandatory Reject
INB608	25-26, 21-24, 3-6	Switching Settlement Code vs. Accounting Year/ Month (Other than Initial Bill)	Where the <i>Switching Settlement Code</i> (positions 25-26) is other than “01”, “02”, “03” or “04”, the combination (year/month) of the values in the <i>Original or As Settled Accounting Year</i> (positions 21-22) and <i>Original or As Settled Accounting Month</i> (positions 23-24) must be less than the combination of the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6).	Mandatory Reject
INB609	25-26, 101-104, 3-6, 86	Switching Settlement Code and Interchange Year/Month vs. Current	If the <i>Switching Settlement Code</i> (positions 25-26) is “01”, “02”, “03” or “04” and the combination (year/month) of the values in the <i>Interchange Year</i> (positions 101-102) and <i>Interchange Month</i> (positions 103-104) is prior to the first day of the year/month	Mandatory Reject

Error Code	Positions	Name	Edit/Description	Error Type
		Accounting Year/Month (Initial Bill)	that is five (5) months prior to the combination (year/month) of the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6), then the <i>Rule 10 Flag</i> (position 86) must be populated with a "Y". Note: Population of the <i>Rule 10 Flag</i> with a "Y" indicates that ISMR 10-D applies, and the field should only be populated accordingly.	
INB610	25-26, 21-24, 3-6, 86	Switching Settlement Code and Original/As Settled Year/Month vs. Current Accounting Year/Month (Exception)	If the <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13" or "14", "41", "42", "43", or "44", the combination (year/month) of the values in the <i>Original or As Settled Accounting Year</i> (positions 21-22) and <i>Original or As Settled Accounting Month</i> (positions 23-24) is more than six (6) months prior to the combination of the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6), then <i>Rule 10 Flag</i> (position 86) must be populated with a "Y". Note: Population of the <i>Rule 10 Flag</i> with a "Y" indicates that ISMR 10-F applies, and the field should only be populated accordingly.	Mandatory Reject
INB611	25-26, 38-47, 101-106	Duplicate Record	Record contains the same combination of <i>Switching Settlement Code</i> (positions 25-26), <i>Car Initial</i> (positions 38-41), <i>Car Number</i> (positions 42-47), <i>Interchange Year</i> (positions 101-102), <i>Interchange Month</i> (positions 103-104), and <i>Interchange Day</i> (positions 105-106) as another record within the current file.	Mandatory Reject
INB612	25-26, 21-24, 3-6	Switching Settlement Code and Original/As Settled Year/Month vs. Current Accounting Year/Month (Adjustment)	If the <i>Switching Settlement Code</i> (positions 25-26) is "31", "32", "33" or "34" the combination (year/month) of the values in the <i>Original or As Settled Accounting Year</i> (positions 21-22) and <i>Original or As Settled Accounting Month</i> (positions 23-24) must not be more than six (6) months prior to the combination of the <i>Current Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6).	Mandatory Reject

SSDX Record File Layout

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
1-2	N	Record Type	2-digit numeric. Must be "01".	Required
3-4	N	Current Accounting Year	2-digit, numeric; represents the last 2 digits of the Accounting year. Note: For data submitted in January (for the December Accounting Month), this value would be the current calendar year minus one (for example, data submitted in January 2012 for December 2011 Accounting Month / Year would have a Current Accounting Year of "11").	Required
5-6	N	Current Accounting Month	2-digit numeric; represents the Accounting Month (current calendar month minus one). Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12", represents the months of January through December, respectively. Note: This field along with the <i>Current Accounting Year</i> field must be equal to the settlement period applicable at the time of AAR processing.	Required
7-10	A	Due From Road	4-character, alphabetic, left-justified, must contain trailing blanks when necessary; must be a valid Standard Carrier Alpha Code (SCAC) active at the time of interchange in the carrier MARK file per Accounting Rule 260.	Required
11-16	N	Location	6-digit, numeric, right-justified, must contain preceding zeros when necessary; must be a valid Standard Point Location Code (SPLC). Note: Location must contain a common SPLC between the Due To Road and the Due From Road as validated in the Centralized Station Master.	Required

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Note: The common SPLC must be active as of the Interchange Date [Interchange Year (positions 101-102), Interchange Month (positions 103-104), and Interchange Day (positions 105-106)].	
17-20	A	Due To Road	4-character, alphabetic, left-justified, must contain trailing blanks when necessary; must be a valid Standard Carrier Alpha Code (SCAC) active at the time of interchange in the carrier MARK file per Accounting Rule 260.	Required
21-22	N	Original or As Settled Accounting Year	2-digit, numeric; represents the last 2 digits of the Original or As Settled Accounting Year. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", or "54". If the condition is met, the value populated cannot be greater than <i>Current Accounting Year</i> (positions 3-4). Note: Populate field with the accounting year associated with the switch as it was last settled.	Conditional
23-24	N	Original or As Settled Accounting Month	2-digit, numeric; represents the Original or As Settled Accounting Month. Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12", representing the months of January through December, respectively. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", or "54".	Conditional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Note: Populate field with the accounting month associated with the switch as it was last settled.	
25-26	N	Switching Settlement Code	2-digit, numeric; must be a valid Switching Settlement Code. Valid values are "01", "02", "03", "04", "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53", and "54". Note: For a description of <i>Switching Settlement Codes</i>, please refer to the <i>Switching Settlement Codes</i> chart in the SSDX User Guide.	Required
27-30	N	Sheet Number	4-digit numeric, right-justified; must contain preceding zeroes when necessary.	Required
31-32	N	Line Number	2-digit, numeric, right-justified; must contain preceding zeroes when necessary.	Required
33	A	AAR Flag	1-character, alphabetic. Populated by Railinc in Outbound file to indicate that a detail level record is either a duplicate of a previous record in file or is out of sequence. Valid values are "D" - Record is a duplicate of a previous record. "O" - Record is out of sequence. Blank - No duplicate or sequence error detected.	Railinc outbound only
34	A	Car Cut	1-character, alphabetic. Applicable only to Canadian Interswitching. Valid values are "X" - When 60 or more cars are interchanged at once. Blank - When less than 60 cars are interchanged at once or Canadian Interswitching does not apply.	Optional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
35-37		Blank	Blank – Must be blank.	Blank
38-41	A	Car Initial	4-character, alphabetic, left-justified; must contain trailing blanks when necessary. Note: Must be a valid Railroad Equipment MARK (reporting initial assigned for use on railcars) per Railway Accounting Rule 260.	Required
42-47	N	Car Number	6-digit, numeric, right-justified; must contain preceding zeroes when necessary.	Required
48-59	AN	Industry	12-digit, alphanumeric, left-justified, may contain blanks between the first and last digit; must contain trailing blanks when necessary. Note: <i>Industry</i> must be populated as follows: If the <i>Switching Settlement Code</i> (positions 25-26) is “01”, “02”, “11”, “12”, “21”, “22”, “31”, “41”, “42”, “51”, or “52”, then <i>Industry</i> must be populated with the industry switched. Use of the 6-3-3 abbreviation is recommended. If the <i>Switching Settlement Code</i> (positions 25-26) is “03”, “13”, “23”, “33”, “43”, or “53”, then <i>Industry</i> must be populated with the valid Standard Carrier Alpha Code (SCAC) of the carrier that received the car being billed from the billing intermediate carrier. If the <i>Switching Settlement Code</i> (positions 25-26) is “04”, “14”, “24”, “34”, “44”, or “54”, then <i>Industry</i> must be populated with the valid Standard Carrier Alpha Code (SCAC) of the carrier whose intermediate switch charge is being recharged.	Required

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Note: The SCAC populated must be valid as of the Interchange Date [<i>Interchange Month</i> (positions 101-102) and <i>Interchange Year</i> (positions 103-104)].	
60-66	N	STCC/HMRC	7-digit, numeric, right-justified, must contain preceding zeroes when necessary. Condition: Required when <i>Rate Type Code</i> (position 79) is "D". Note: If the condition is met, then the field must be populated with a valid Standard Transportation Commodity Code (STCC) or a valid Hazardous Material Response Code (HMRC). If the condition is not met, then the field may be left blank, or populated with either all 0's or a valid STCC/HMRC.	Conditional
67-72	N	Weight	6-digit, numeric, right-justified, must contain preceding zeroes when necessary; represents the net weight in pounds. Condition: Required when <i>Rate Type Code</i> (position 79) is "B", "C", or "F".	Conditional
73-78	N	Switch Bill Number	6-digit, numeric, right-justified, must contain preceding zeroes when necessary. Condition: Required when <i>Rate Type Code</i> (position 79) is "X".	Conditional
79	AN	Rate Type Code	1-character, alphanumeric. Valid values are "A", "B", "C", "D", "E", "F", "X", "1", "2", "3", "4", and "5". Note: <i>Rate Type Code</i> applies to <i>Regular Rate</i> (positions 80-85). For a description of each <i>Rate Type Code</i> please refer to	Required

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			the <i>Rate Type Code</i> chart in the SSDX User Guide.	
80-85	N	Regular Rate	6-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid per car dollar rate format is DDDD¢¢ with an implied decimal. Valid weight-based rate format is ¢¢¢mmmm with an implied decimal.	Required
86	A	Rule 10 Flag	1-character, alphabetic. Valid values are “Y” (ISMR 10-D or 10-F applies) and “N” (neither ISMR 10-D or 10-F applies). A blank will be interpreted as “N”. Condition: <i>If ISMR 10-D applies, and the Switching Settlement Code (positions 25-26) is “01”, “02”, “03” or “04” and the combination (year/month) of the values in the Interchange Year (positions 101-102) and Interchange Month (positions 103-104) is prior to the first day of the year/month that is five (5) months prior to the combination (year/month) of the Current Accounting Year (positions 3-4) and Current Accounting Month (positions 5-6), then the Rule 10 Flag (position 86) must be populated with a “Y”.</i> <i>If ISMR 10-F applies and the Switching Settlement Code (positions 25-26) is “11”, “12”, “13” or “14”, “41”, “42”, “43”, or “44”, the combination (year/month) of the values in the Original or As Settled Accounting Year (positions 21-22) and Original or As Settled Accounting Month (positions 23-24) is more than six (6) months prior to the combination of the Current</i>	Conditional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			<i>Accounting Year</i> (positions 3-4) and <i>Current Accounting Month</i> (positions 5-6), then <i>Rule 10 Flag</i> (position 86) must be populated with a "Y".	
87-91		Blank	Blank – Must be blank.	Blank
92		Blank	Blank – Must be blank.	Blank
93-98	N	Total Charge	6-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid format is DDDD¢¢ with an implied decimal. When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is other than "B", "C" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). When the Switching Settlement Code (position 25-26) is "01", "02", "03" or "04" and the Rate Type Code (position 79) is "B", "C" or "F", the Total Charge (positions 93-98) for each Detail Record must be equal to the sum of the applicable weight-rate calculation based on Weight (positions 67-72) and Regular Rate (positions 80-85), Fuel Surcharge (positions 131-136), Canadian Tax (QST) (positions 137-141) and Canadian Tax (GST or HST) (positions 142-146). When the Switching Settlement Code is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54", the Total Charge (positions 93-98) for each	Required

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Detail Record must be equal to the absolute value of the difference between the Original or As Settled Switch Charge (position 111-116) and the Should Be Switch Charge (position 117-122).	
99	A	Switch Code	1-character, alphabetic. Valid values are "I" for Interstate, "S" for Intrastate, and "X" for Inter-Terminal (cross-town).	Optional
100	A	Currency Indicator	1-character, alphabetic. Valid values are Blank for U.S. dollars and "C" for Canadian dollars. Condition: Required to be "C" when the SPLC populated to Location (positions 11-16) is Canadian. Note: The <i>Currency Indicator</i> value must be in agreement with the SPLC populated to <i>Location</i> (positions 11-16).	Conditional
101-102	N	Interchange Year	2-digit, numeric; represents the last 2 digits of the year in which the car was interchanged. Note: The <i>Interchange Year</i> must not be greater than the <i>Current Accounting Year</i> (positions 3-4) or <i>Original Accounting Year</i> (positions 21-22).	Required
103-104	N	Interchange Month	2-digit, numeric; represents the month in which the car was interchanged. Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", and "12".	Required
105-106	N	Interchange Day	2-digit, numeric; represents the day on which the car was interchanged. Valid values are "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11",	Required

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			"12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", and "31". Note: <i>Interchange Day</i> must be a valid date based upon number of days in the <i>Interchange Month</i> (positions 103-104).	
107-108	N	Interchange Hour	2-digit, numeric; represents the hour in which the car was interchanged relative to a 24-hour clock Valid values are "00", "01", "02", "03", "04", "05", "06", "07", "08", "09", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "20", "21", "22" and "23". Note: Interchange Hour may also be left blank.	Optional
109	A	Load/Empty	1-character, alphabetic. Valid values are "L" for Load and "E" for Empty.	Required
110	A	Adjustment or Exception Reason Code	1-character, alphabetic. Valid values are "A", "B", "C", "D", "E", "F", "G", "H", "I", "J", "K", "L", "M", "N", "O", "P", "Q" and "Z". Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "31", "32", "33", "34", "41", "42", "43" or "44". Note: For a description of each <i>Adjustment or Exception Reason Code</i>, please refer to the <i>Adjustment or Exception Reason Code</i> chart in the SSDX User Guide.	Conditional
111-116	N	Original or As Settled Total Charge	6-digit, numeric, right-justified; must contain preceding zeroes when necessary.	Conditional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Valid format would be DDDD¢¢ with an implied decimal. Should be populated with the total dollar amount [including <i>Fuel Surcharge</i>, <i>Canadian Taxes (QST)</i>, <i>Canadian Taxes (GST or HST)</i>] for the switch as it was last settled. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	
117-122	N	Should Be Switch Charge	6-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid format would be DDDD¢¢ with an implied decimal. Should be populated with the total dollar amount [including <i>Fuel Surcharge</i>, <i>Canadian Taxes (QST)</i>, <i>Canadian Taxes (GST or HST)</i>] for the switch as it should have last settled. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	Conditional
123-126	N	Original or As Settled Sheet Number	4-digit, numeric, right-justified; must contain preceding zeroes when necessary. Should be populated with the sheet number associated with the switch as it was last settled. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is	Conditional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			"11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	
127-130	N	Original or As Settled Line Number	4-digit, numeric, right-justified; must contain preceding zeroes when necessary. Should be populated with the line number associated with the switch as it was last settled. Condition: Required when <i>Switching Settlement Code</i> (positions 25-26) is "11", "12", "13", "14", "21", "22", "23", "24", "31", "32", "33", "34", "41", "42", "43", "44", "51", "52", "53" or "54".	Conditional
131-136	N	Fuel Surcharge	6-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid format is DDDD¢¢ with an implied decimal. Note: When the <i>Due To Road</i> (positions 17-20) does not assess a <i>Fuel Surcharge</i>, the field must be populated with all zeroes.	Required
137-141	N	Canadian Taxes (QST)	5-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid format is DDD¢¢ with an implied decimal. Condition: Required if <i>Currency Indicator</i> (position 100) is populated with a "C" and value in <i>Canadian Taxes (GST or HST)</i> (positions 142-146) is less than "00001".	Conditional

Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Note: For U.S. locations and Canadian locations where QST is <u>not</u> applicable, this field must be populated with all zeroes.	
142-146	N	Canadian Taxes (GST or HST)	5-digit, numeric, right-justified; must contain preceding zeroes when necessary. Valid format is DDD¢¢ with an implied decimal. Condition: Required if <i>Currency Indicator</i> (position 100) is populated with a “C” and value in <i>Canadian Taxes (QST)</i> (positions 137-141) is less than “00001”. Note: For U.S. locations and Canadian locations where GST or HST is <u>not</u> applicable, this field must be populated with all zeroes.	Conditional
147	A	RCH Status Flag	1-character, alphabetic. Valid values are: Y – Included in RCH settlement. N – Not included in RCH settlement due to non-participation of the Due To Road or Due From Road. T – Not included in RCH settlement due to threshold tolerance exceedance of the receiving or paying road. Note: Field is populated by Railinc in the outbound file to indicate RCH settlement status.	Railinc Outbound Only
148-177	AN	Additional Remarks	30-character, alphanumeric, left-justified; must contain trailing blanks when necessary. Condition: Required when <i>Adjustment or Exception Reason Code</i> (position 110) is populated with “Z”.	Conditional

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Position(s)	Type	Field Name	Description	Required, Conditional, Optional, Blank, or Railinc Outbound Only
			Note: Special characters, excluding commas (“,”), are allowed. Contains free form text description of adjustment, exception, or counter-exception.	
178-186	AN	CIF	9-character, alphanumeric; must contain preceding zeros when necessary. Field to be populated with the 9-digit DUNS number, or the Railinc assigned temporary 9-character CIF number (begins with “A”), associated with the industry switched.	Optional
187-190	N	CIF Sub-location	4-digit, numeric, right justified; must contain preceding zeroes when necessary. Field to be populated with the Railinc assigned 4-digit Sub-Location number associated with the industry switched.	Optional
191-500		Blank	Blank – Must be blank.	Blank

Switching Settlement Codes

Code	Description	Explanation
01	Received Switch	Initial switch bill issued by road switching against road switched for an inbound / received reciprocal switch.
02	Forwarded Switch	Initial switch bill issued by road switching against road switched for an outbound / forward reciprocal switch.
03	Intermediate Switch	Initial switch bill issued by road switching against road switched for an intermediate switch.
04	Intermediate Recharge	Initial recharge of an intermediate switch carrier's switch charge to road switching issued by road switching against road switched.
11	Received Switch Initial Exception	Initial exception issued by road billed / road switched against initial switch billed issued by billing road / road switching for an inbound / received reciprocal switch.
12	Forwarded Switch Initial Exception	Initial exception issued by road billed / road switched against initial switch billed issued by billing road / road switching for an outbound / forwarded reciprocal switch.
13	Intermediate Switch Initial Exception	Initial exception issued by road billed / road switched against initial switch bill issued by billing road / road switching for an intermediate switch.
14	Intermediate Recharge Initial Exception	Initial exception issued by road billed / road switched against initial recharge of an intermediate switch carrier's switch charge issued by billing road / road switching.
21	Received Switch Agreed to Exception	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an initial switch bill for an inbound / received reciprocal switch.
22	Forwarded Switch Agreed to Exception	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an initial switch bill for an outbound / forwarded reciprocal switch.

Code	Description	Explanation
23	Intermediate Switch Agreed to Exception	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an initial switch bill for an intermediate switch.
24	Intermediate Recharge Agreed to Exception	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an initial recharge of an intermediate switch carrier's switch charge.
31	Received Switch - <i>Adjustment to Own Prior Billing</i>	Adjustment to an initial switch bill issued by billing road / road switching against road billed / road switched for an inbound / received reciprocal switch.
32	Forwarded Switch - <i>Adjustment to Own Prior Billing</i>	Adjustment to an initial switch bill issued by billing road / road switching against road billed / road switched for an outbound / forwarded reciprocal switch.
33	Intermediate Switch - <i>Adjustment to Own Prior Billing</i>	Adjustment to an initial switch bill issued by billing road / road switching against road billed / road switched for an intermediate switch.
34	Intermediate Recharge - <i>Adjustment to Own Prior Billing</i>	Adjustment to an initial recharge of an intermediate switch carrier's switch charge to road switching issued by billing road / road switching against road billed / road switched.
41	Received Switch Initial Exception - <i>Adjustment to Own Prior Billing</i>	Initial exception issued by road billed / road switched against an adjustment to an initial switch billed issued by billing road / road switching for an inbound / received reciprocal switch.
42	Forwarded Switch Initial Exception - <i>Adjustment to Own Prior Billing</i>	Initial exception issued by road billed / road switched against an adjustment to an initial switch billed issued by billing road / road switching for an outbound / forwarded reciprocal switch.
43	Intermediate Switch Initial Exception - <i>Adjustment to Own Prior Billing</i>	Initial exception issued by road billed / road switched against an adjustment to an initial switch bill issued by billing road / road switching for an intermediate switch.
44	Intermediate Recharge Initial Exception - <i>Adjustment to Own Prior Billing</i>	Initial exception issued by road billed / road switched against an adjustment to an initial recharge of an intermediate switch carrier's switch charge issued by billing road / road switching.

Code	Description	Explanation
51	Received Switch Agreed to Exception - <i>Adjustment to Own Prior Billing</i>	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an adjustment to an initial switch bill for an inbound / received reciprocal switch.
52	Forwarded Switch Agreed to Exception - <i>Adjustment to Own Prior Billing</i>	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an adjustment to an initial switch bill for an outbound / forwarded reciprocal switch.
53	Intermediate Switch Agreed to Exception - <i>Adjustment to Own Prior Billing</i>	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an adjustment to an initial switch bill for an intermediate switch.
54	Intermediate Recharge Agreed to Exception - <i>Adjustment to Own Prior Billing</i>	A counter-exception (a.k.a. claim) issued by the billing road / road switching against the road billed / road switched, following approval / concurrence by the road billed / road switched (Rule 266-B) , to adjust a previously settled exception to an adjustment to an initial recharge of an intermediate switch carrier's switch charge.

Valid Rate Type Codes

Code	Description
A	Per Car Rate
B	Rate per hundred weight
C	Rate per ton
D	Commodity based rate
E	Per car rate that includes special equipment charges
F	Rate per hundred weight that includes special equipment charges
X	Special Agreement
1	Zone 1 as defined in Canadian Tariff CFC6000
2	Zone 2 as defined in Canadian Tariff CFC6000
3	Zone 3 as defined in Canadian Tariff CFC6000
4	Zone 4 as defined in Canadian Tariff CFC6000
5	Zone 5 as defined in Canadian Tariff CFC6000

Valid Adjustment or Exception Reason Codes

Code	Description	Explanation
A	Duplicate	Bill submitted previously, or more than once in same transmission, for the same movement.
B	Rate Error	Rate billed was incorrect. Adjustment or exception should be for the difference between rates.
C	No Record of Car	No record of handling car in connection with the record billed.
D	Weight Error	Weight billed was incorrect. Adjustment or exception should be for the difference in the total charge.
E	Invalid Car Initial / Number	Record billed does not contain a valid car initial or number.
F	Time Limits	Exception to record billed beyond time limits specified in ISMR 10.
G	Road Billed In Error	Billing road billed the wrong road.
H	Switching Carrier Only	Road billed was a switch carrier; did not receive line-haul for movement.
I	Closed Industry	Industry billed is closed; billing road not due a reciprocal switch.
J	Industry Not In Tariff	Industry billed not listed as "open" in billing road's tariff; billing road not due a reciprocal switch.
K	Joint Facility	Industry billed is a Joint Facility; billing road not due a reciprocal switch.
L	Empty Car	Record billed involved an empty car.
M	Error Move	Car was interchanged in error; billing road not due a reciprocal switch.
N	F/L Originated Crosstown	Road billed did not originate crosstown move nor collect revenue for move. (F/L = Foreign Line)
O	Settled In ISS	Billing road received division of freight for move through ISS; not due a reciprocal switch.

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P	Haulage Agreement	Billing road was compensated for move through a haulage agreement; not due a reciprocal switch.
Q	Incorrect Switching Settlement Code	Record billed with an incorrect Switching Settlement Code.
R	Not Used	
S	Not Used	
T	Not Used	
U	Not Used	
V	Not Used	
W	Not Used	
X	Not Used	
Y	Not Used	
Z	Other	Reason for adjustment or exception is not covered by another valid Adjustment or Exception Reason Code. Reason for adjustment or exception must be provided in "Remarks" field (position 148-177) of Record Type "01" - Detail Record.

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