

Special Car Order 90 (SCO90) User Guide



7001 Weston Parkway, Suite 200
Cary, North Carolina 27513

© Copyright 2020 Railinc. All Rights Reserved.

Last Updated: March 2020

Table of Contents

Welcome to SCO90	1
General User Interface and System Requirements.....	1
Accessing the Railinc Customer Success Center.....	1
Getting Started.....	2
Register to Use Railinc SSO	2
Selecting a User Role.....	2
Requesting SCO90 Access.....	3
Logging In.....	4
Logging Out.....	4
Data Manager.....	5
Overview.....	5
Common Table Operations	6
Sorting Data	6
Filtering Data.....	6
Downloading Data	7
Printing Table Data.....	7
SCO90 Master.....	8
Joint Industry Pairs	9
ECODE Exception Pool Numbers	10
Car Mark/Trade Name	12
Reports.....	14
Subscriptions	16
Appendix A – SCO90 Debit and Credit Logic	17

List of Exhibits

Exhibit 1. User Roles and Descriptions	2
Exhibit 2. SCO90 Manage Permissions.....	3
Exhibit 3. SCO90 Welcome.....	4
Exhibit 4. SCO90 Application Menu Functions	4
Exhibit 5. Data Manager Tables	5
Exhibit 6. XLS Format Data	7
Exhibit 7. SCO90 Master Data	8
Exhibit 8. Joint Industry Pairs Data.....	9
Exhibit 9. ECODE Exception Pool Numbers Data.....	10
Exhibit 10. Add an Exception Pool Record.....	11
Exhibit 11. ECODE Exception Pool Numbers Data Record Detail.....	11
Exhibit 12. Car Marks / Trade Name Data	12
Exhibit 13. Download Reports Page.....	14
Exhibit 14. SCO90 Transportation Codes.....	14
Exhibit 15. Example SCO90 PDF Report (Intermediate Junction Movement)	15
Exhibit 16. Subscription Profile Options	16

Welcome to SCO90

SCO90 is a web-based application that assists with the maintenance of Special Car Order 90. SCO90 was approved by the AAR, Equipment Assets Committee (EAC) and the AAR, Safety and Operations Management Committee (SOMC) in recognition of the need to efficiently move surplus unassigned empty, indirect-connection, and railroad-owned freight cars to the home railroad without incurring the time, car hire, and transportation costs involved in reverse route to home rails when cars have had multiple loaded cycles.

Predetermined interchange locations (outlets) are designated and periodically adjusted by the AAR for the empty movement of indirect connection ownerships across Class I and II rail carriers. Short line and belt line carriers can be designated as participants in SCO90 (specific interchange locations) for delivering or receiving railroad marked freight cars if they are the only rail connection of another carrier.

Railinc generates quarterly reports reflecting all SCO90 movements by participating carriers.

Note: When updates are made within SCO90, notifications are sent to users. To receive notifications for SCO90, add your contact information in [FindUs.Rail](#) under the SCO90 category.

An SCO90 Company Administrator or a person granted rights to review SCO90 tables has access to the following tables:

- SCO90 Master Table
- Car Mark Table
- Trade Name Roads Table
- ECODE Exception Table
- Joint Industry Table

This user guide provides an overview of these tables and explains how to use the SCO90 interface.

General User Interface and System Requirements

General user interface information (typical keyboard selection equivalents and shortcuts), as well as system requirements are available in the [Railinc UI Dictionary](#).

Note: Mandatory fields are indicated with a **red asterisk (*)**.

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

Access the SCO90 application through the Railinc Single Sign-On (SSO), which is available on the Railinc portal at <http://www.railinc.com>. The SSO log in is located at the upper right of the page.

Register to Use Railinc SSO

Each SCO90 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, you must request access to SCO90 within SSO.

Selecting a User Role

Access and authorization for SCO90 is determined when requesting access through Railinc Single Sign-On. [Exhibit 1](#) describes the available permissions.

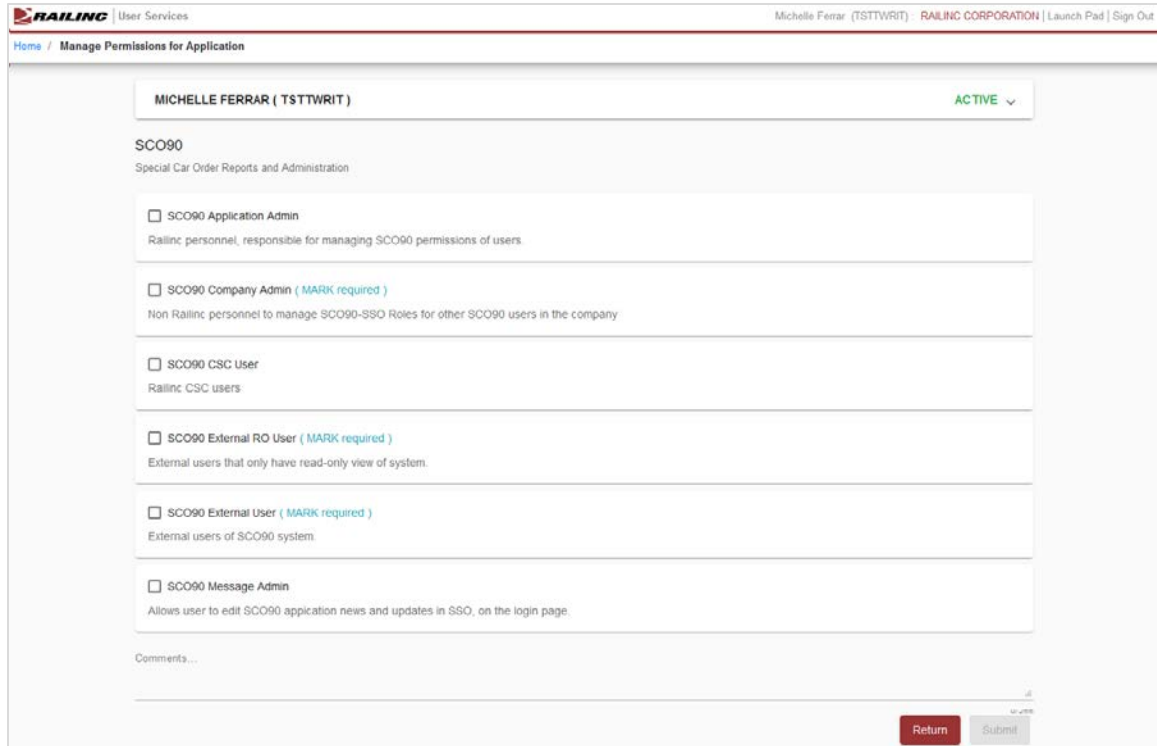
Exhibit 1. User Roles and Descriptions

Role	Description
SCO90 Application Admin	Railinc personnel, responsible for managing SCO90 permissions of users. Permission to edit tables.
SCO90 Company Admin	Non Railinc railroad personnel to manage SCO90-SSO Roles for other SCO90 users in the company.
SCO90 Message Admin	Allows user to edit SCO90 application news and updates in SSO, on the login page.
SCO90 Read Only	SCO90 users have read-only view of the system.
SCO90 External RO User	External users have read-only view of the system.
SCO90 External User	External railroad users of the SCO90 system. User has the ability to edit specific tables.

Requesting SCO90 Access

After you receive authorization to use Railinc SSO, you must request general access to SCO90 by following instructions in the [Single Sign-On and Launch Pad User Guide](#). [Exhibit 2](#) shows the complete list of SCO90 roles as seen in SSO.

Exhibit 2. SCO90 Manage Permissions



When e-mail notification of access to SCO90 is received, you can log on and begin using SCO90.

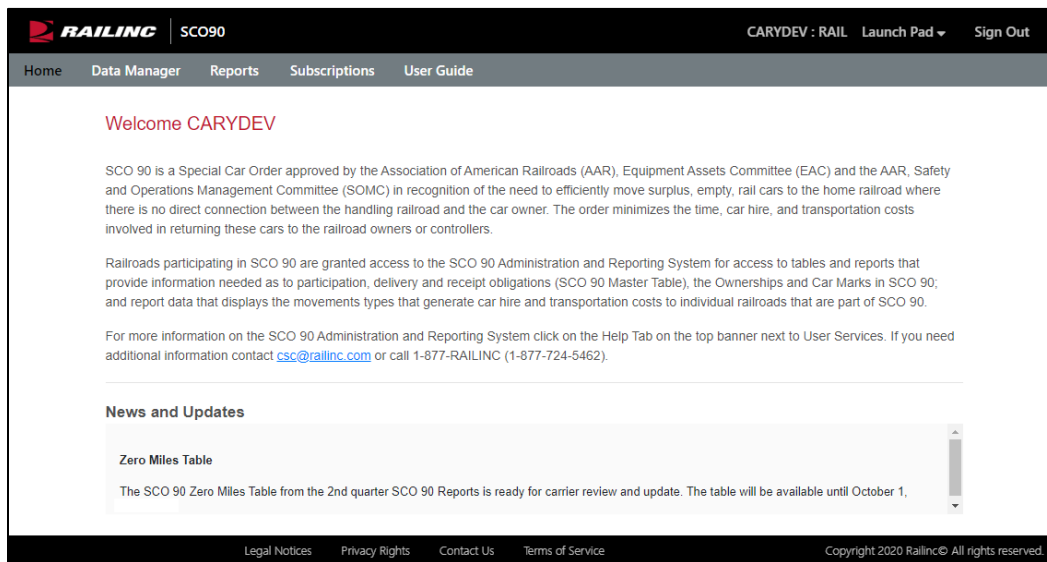
Note: For certain functions within SCO90, access is handled by the local SCO90 Company Administrator, who has the SSO rights to grant access to SCO90 user tasks and menu items for their company.

Logging In

To log into SCO90:

1. Open your internet browser.
2. Open the Railinc portal at <http://www.railinc.com>.
3. Log in to SSO (at upper right). The Launch Pad is displayed, with your authorized Railinc applications on the left side of the page.
4. Select **SCO90**.
5. Select a user mark if prompted. The SCO90 Welcome page is displayed (see [Exhibit 3](#)).

Exhibit 3. SCO90 Welcome



Continue by selecting an SCO90 application menu item (see [Exhibit 4](#)). The SCO90 Welcome page has the following menu items:

Exhibit 4. SCO90 Application Menu Functions

- | | |
|-------------------------------|---|
| Data Manager | Provides access to a variety of SCO90 system tables to view or edit. |
| Reports | Enables users to download a series of quarterly reports containing SCO90 details. |
| Subscriptions | Enables Company Administrators to manage subscription details. |

Note: Menu content varies based on permissions granted (see [Exhibit 2](#)).

Logging Out

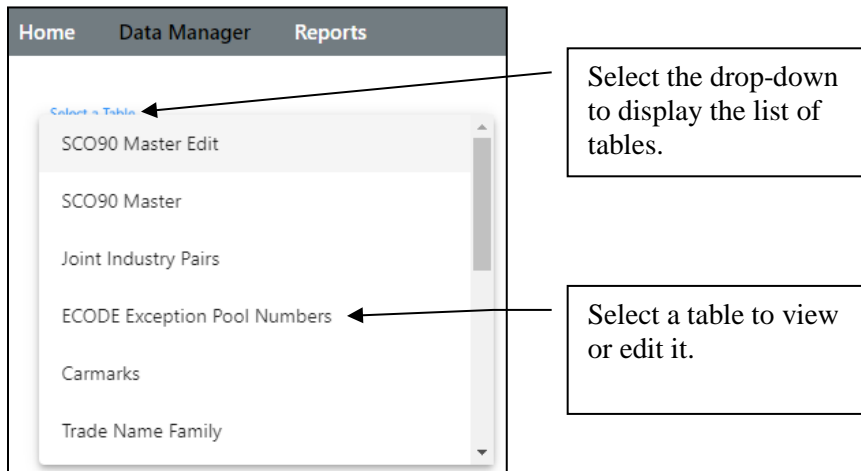
To log out of SCO90, select **Sign Out** at the top right of the page.

Data Manager

Overview

SCO90 enables users to manage a variety of system tables. To access the Data Manager Tables, select the **Data Manager** menu item. The list of Data Manager Tables is displayed (see [Exhibit 5](#)).

Exhibit 5. Data Manager Tables



External users have access to the following tables.






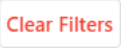

- [SCO90 Master](#)
- [Joint Industry Pairs](#)
- [ECODE Exception Pool Numbers](#)
- [Car Mark/Trade Name](#)

Railinc Administrators have access to the following additional tables (these tables are not described in this manual).

- Car Mark
- Direct Connects
- Network ID
- No Interchange Reporting Roads
- No Release Reporting Roads
- Participants
- Quarterly Rate
- Special Family
- Trade Name Family

Common Table Operations

This section describes icons, buttons, and functions that are common among the tables. Use these functions in the same way for each table.

Icon/Button	Description
	Enables you to add a new record to the table data.
	Enables you to download table data in XLS format.
	Enables you to print table data.
	Enables you to set or remove column filtering options.
	Indicates column data is filtered.
	Removes all filters that you may have set.
	Indicates column data is sorted.

Notes:


- The “Number of records” field at the top right of each table displays the number of records currently displayed in the table (this is reduced when a filter is applied).
- You can select a column heading and use drag/drop to change the display order of the columns.

Sorting Data

You can sort a column in ascending or descending order by selecting its column heading. You can also sort by multiple columns by pressing and holding the Shift key while selecting additional columns. If you sort by multiple columns, the column heading for the primary sort is appended with “1”, and the column heading for the secondary sort is appended with “2”, etc.


Filtering Data

Use the following procedure to filter data:

1. Move your mouse over a column heading to see the filter icon  for that column.
2. Select the filter icon to view options for filtering table data such as “Contains”, “Equals”, “Starts with”, and “Ends with”. Select one of these options.
3. Type characters into a Filter field. The data is redisplayed based on the filter parameters you set.

Note: You can apply filters on multiple columns and add multiple conditions on a column filter.

Downloading Data

The **XLS icon**  enables you to download table data in XLS format.

Use the following procedure to download data:


1. From a table display, select the **XLS icon**. The SCO90 table data is downloaded as an XLS file.
2. Locate the XLS file and open it using MS Excel or another compatible spreadsheet application. If you don't see the file in your browser, check your Downloads folder.
3. The file opens in Excel with the data appearing in separate columns (see [Exhibit 6](#)).

Exhibit 6. XLS Format Data

	A	B	C	D	E	F	G	H	I	J	
1	Equipment Mark	Delivery Carrier	Receiving Carrier	I/C Type	Outlet SPLC	Outlet City	Outlet State	Effective Date	Expiration Date	Last Modified Date	Change Reason
2	AA	BNSF	NS	N	380000000	CHICAGO	IL	12/31/2019	12/31/9999	12/27/2019	CORRECTION - DELETING NEW
3	AA	CSXT	PAS	N	171983000	ROTTERDAM JUNCTION	NY	12/17/2019	12/31/9999	12/16/2019	ADDING NEW MARK(S) OR PO
4	AA	KCS	CN	N	396640000	EAST SAINT LOUIS	IL	1/24/2020	12/31/9999	1/23/2020	ADDING NEW MARK(S) OR PO
5	AA	UP	CN	N	380000000	CHICAGO	IL	1/17/2020	12/31/9999	12/30/2019	ADDING NEW MARK(S) OR PO
6	AB	BNSF	CN	N	439900000	MEMPHIS	TN	12/13/2019	12/31/9999	12/12/2019	
7	AB	BNSF	NS	N	380000000	CHICAGO	IL	12/14/2019	12/31/9999	12/14/2019	SCO 90 MASTER UPDATE - TRA
8	AB	CN	UP	N	439900000	MEMPHIS	TN	12/27/2019	12/31/9999	12/26/2019	ADDING NEW MARK(S) OR PO
9	ABS	BNSF	CSXT	N	380000000	CHICAGO	IL	11/28/2019	12/31/9999	11/28/2019	DELETING NEW MARK(S) OR PI
10	ABS	BNSF	CSXT	N	647000000	NEW ORLEANS	LA	12/18/2019	12/31/9999	12/18/2019	ADDING NEW MARK(S) OR PO
11	ABS	BNSF	KCS	O	667300000	DALLAS	TX	12/11/2019	12/31/9999	12/10/2019	
12	ABS	BNSF	NS	O	380000000	CHICAGO	IL	12/11/2019	12/31/9999	12/10/2019	ADDING NEW MARK(S) OR PO
13	ABS	BNSF	NS	O	472600000	BIRMINGHAM	AL	12/11/2019	12/31/9999	12/10/2019	
14	ABS	CN	NS	N	439900000	MEMPHIS	TN	12/26/2019	12/31/9999	12/25/2019	ADDING NEW MARK(S) OR PO
15	ABS	CPRS	CN	O	336000000	MILWAUKEE	WI	12/20/2019	12/31/9999	12/19/2019	
16	ABS	CPRS	NS	N	380000000	CHICAGO	IL	4/1/2009	12/31/9999	6/29/2009	
17	ABS	CPRS	NS	O	566900000	KANSAS CITY	MO	12/20/2019	12/31/9999	12/19/2019	SCO 90 MASTER UPDATE - TRA
18	ABS	PAS	CSXT	N	171983000	ROTTERDAM JUNCTION	NY	4/1/2009	12/31/9999	6/29/2009	
19	ABS	UP	KCS	N	653900000	SHREVEPORT	LA	4/1/2009	12/31/9999	6/29/2009	

4. Use the tools within Excel to manage or save the output SCO90 table data.
5. Return to the SCO90 application when finished working with data in Excel.

Printing Table Data

The **print icon**  enables you to print table data.

Use the following procedure to print table data:

1. From a table display, select the **print icon**. The print dialogue box is displayed.
2. Select the desired printer and select the **Print** button.

SCO90 Master

The SCO90 Master Table displays the individual Car Marks, SCO90 Delivering Carriers, Receiving Carriers, and SCO90 geographic locations defined in the table as steel-wheel-to-steel-wheel interchange locations. Two Interchange Junction Types (N or O), as defined in the Railinc Interchange Junction file, or a generic code (B) are used in the table to define the location where a delivering carrier will interchange an SCO90 Car Mark or Umler Pool Mark to a receiving SCO90 participant carrier.

Note: Only Railinc personnel can make changes to this table. SCO90 Company Administrators can assign rights to individuals on their railroad to view the table.

Use the following procedure to access the SCO90 Master Table:

1. Select the **Data Manager** menu item. The list of Data Manager tables is displayed (as described in [Exhibit 5](#)).
2. From the Select a Table drop down, select **SCO90 Master**. The SCO90 Master data is displayed (see [Exhibit 7](#)).

Exhibit 7. SCO90 Master Data

Equipment Mark	Delivery Carrier	Receiving Carrier	I/C Type	Outlet SPLC	Outlet City	Outlet State	Effective Date	Expir
AA	BNSF	NS	N	380000000	CHICAGO	IL	2019-12-31	95
AA	CSXT	PAS	N	171983000	ROTTERDAM JUNCTION	NY	2019-12-17	95
AA	KCS	CN	N	396640000	EAST SAINT LOUIS	IL	2020-01-24	95
AA	UP	CN	N	380000000	CHICAGO	IL	2020-01-17	95
AB	BNSF	CN	N	439900000	MEMPHIS	TN	2019-12-13	95
AB	BNSF	NS	N	380000000	CHICAGO	IL	2019-12-14	95
AB	CN	UP	N	439900000	MEMPHIS	TN	2019-12-27	95
ABS	BNSF	CSXT	N	380000000	CHICAGO	IL	2019-11-28	95
ABS	BNSF	CSXT	N	647000000	NEW ORLEANS	LA	2019-12-18	95
ABS	BNSF	KCS	O	667300000	DALLAS	TX	2019-12-11	95

3. Perform one of the following actions:
 - a. Use the **filtering** options to filter the displayed data (see “[Filtering Data](#)” on page 6).
 - b. Use the **XLS** option to download the displayed data in XLS format (see “[Downloading Data](#)” on page 7).
 - c. Use the **print** option to print the displayed data (see “[Printing Table Data](#)” on page 7).
 - d. Select a column heading to perform an ascending or descending **sort** of the data by that column.

Joint Industry Pairs

The SCO90 Joint Industry Pairs Table is maintained by Railinc. Two concurring railroads can inform the AAR SCO90 Administrator at Railinc that they would like the administrator to add or delete a specific Standard Point Location Code (SPLC) to the table. Once the SPLC is entered into the table, when Joint Industry Carrier ‘A’ places its SCO90 freight car to an industry located within the SPLC and the car is loaded by Joint Industry Carrier ‘B’, the car will not generate a Transportation Code E or T. The table is used by the SCO90 program logic to ignore TRAIN03/10 Release Load or Pull From Patron Siding Loaded Movement Events reported to the Railinc (TRAIN II) Event Repository (ER). These events are normally used to generate either a Transportation Code E or a T.

Note: Only Railinc personnel can make changes to this table. SCO90 Company Administrators can assign rights to individuals on their railroad to view the table.

Use the following procedure to access the Joint Industry Pairs Table:

1. Select the **Data Manager** menu item. The list of Data Manager tables is displayed (as described in [Exhibit 5](#)).
2. From the Select a Table drop down, select **Joint Industry Pairs**. The Joint Industry Pairs data is displayed (see [Exhibit 8](#)).

Exhibit 8. Joint Industry Pairs Data

Carrier 1	Joint SPLC	Carrier 2	Effective Date	Expiration Date	Last Modified Date
CN	439900000	NS	2019-12-31	9999-12-31	2019-12-27
CN	380000000	UP	2019-12-27	9999-12-31	2019-12-25
CN	647000000	NS	2019-12-27	9999-12-31	2019-12-26
CN	380000000	NS	2019-12-31	9999-12-31	2019-12-27
CSXT	380000000	NS	2019-12-31	9999-12-31	2019-12-26
UP	647000000	NS	2019-12-28	9999-12-31	2019-12-25

3. Perform one of the following actions:
 - a. Use the **filtering** options to filter the displayed data (see “[Filtering Data](#)” on page 6).
 - b. Use the **XLS** option to download the displayed data in XLS format (see “[Downloading Data](#)” on page 7).
 - c. Use the **print** option to print the displayed data (see “[Printing Table Data](#)” on page 7).
 - d. Select a column heading to perform an ascending or descending **sort** of the data by that column.

ECODE Exception Pool Numbers

Normally, SCO90 applies only to unassigned cars, but if an assigned car gets loaded out of its assignment, it is given an ECODE, which enables it to be returned to its pool assign point by its SCO90 outlets.

Note: The SCO90 ECODE Exception Table is maintained by Railinc. SCO90 Company Administrators or designees can update the ECODE Exception Table or take their Umler Pool Numbers out of the table. SCO90 Company Administrators can assign rights to individuals on their railroad to view or update the table.

The table contains specific Umler Pools that an Umler Pool Road has determined that the freight cars registered in such Umler Pools should stay in reverse route for empty car return per AAR Car Service Directives CSD 145 or 155. These pools are then excluded from SCO90 empty car handling. Only Umler Pools with equipment subject to SCO90, as defined by Umler Mechanical Designation, should be entered into the SCO90 ECODE Exception Table.

Use the following procedure to access the ECODE Exception Pool Numbers Table:

1. Select the **Data Manager** menu item. The list of Data Manager tables is displayed (as described in [Exhibit 5](#)).
2. From the Select a Table drop down, select **ECODE Exception Pool Numbers**. The ECODE Exception Pool Numbers data is displayed (see [Exhibit 9](#)).

Exhibit 9. ECODE Exception Pool Numbers Data

Exception Pool	Operator	Pool Type	Description	Effective Date	Expiration Date	Last Modified
1037265	CN	C - Shipper	FORD DEARBORN - WEST	2019-12-29	9999-12-31	2019-12-
1777005	CAGY	C - Shipper	SEVERSTAL	2009-04-01	9999-12-31	2009-06-
3000006	GFRR	C - Shipper	BUCKEYE/NS POOL	2009-10-29	9999-12-31	2009-10-
3000100	GFRR	C - Shipper	MILLER BREWING	2019-12-31	9999-12-31	2019-12-
4003874	KCS	C - Shipper	ELK CORP OF ALABAMA	2009-04-01	9999-12-31	2009-06-
4330001	LXVR	C - Shipper	DAVIS WOOD YARD	2009-04-01	9999-12-31	2009-06-
5550020	NS	T - Agent	REVENUE RACK LOADING	2009-04-01	9999-12-31	2009-06-
5550061	NS	C - Shipper	TOWER AUTOMOTIVE	2009-11-13	9999-12-31	2009-11-
5550183	NS	C - Shipper	DETROIT REGIONAL DIS	2009-04-01	9999-12-31	2009-06-
5550241	NS	C - Shipper	GENERAL MOTORS	2012-11-29	9999-12-31	2012-11-

3. Perform one of the following actions:
 - a. Use the **Add New Record** option to add a new row to the table. Go to [Step 4](#).
 - b. Use the **filtering** options to filter the displayed data (see [“Filtering Data”](#) on page 6).

- c. Use the **XLS** option to download the displayed data in XLS format (see “[Downloading Data](#)” on page 7).
 - d. Use the **print** option to print the displayed data (see “[Printing Table Data](#)” on page 7).
 - e. Select a column heading to perform an ascending or descending **sort** of the data by that column.
4. Selecting the **Add New Record** option provides inputs for a new row of table data (see [Exhibit 10](#)).

Exhibit 10. Add an Exception Pool Record

Exception Pool *	Effective Date *	Expiration Date *
	2020-02-05	9999-12-31

5. Specify the **Exception Pool**. As needed, modify the **Effective Date** (defaults to current date) and the **Expiration Date** (defaults to 9999-12-31). Select **Add** to save the new row. Select the **X** to close the popup window.
6. Edit a listed row by selecting it. The ECODE Exception Pool Numbers Data Record Detail popup is displayed (see [Exhibit 11](#)).

Exhibit 11. ECODE Exception Pool Numbers Data Record Detail

Exception Pool *	Effective Date *	Expiration Date *
3000006	2009-10-29	9999-12-31

7. Place the cursor within the **Effective Date** or **Expiration Date** fields to modify the content. This action activates the **Modify** button. After completing a modification, select **Modify** to save the change.
8. Select **Expire Today** to populate the expiration date with the current date. A message is displayed asking for confirmation. Select **Yes** to confirm the expiration. The **Expiration Date** field is populated with today’s date.
9. Select the **X** to close the popup window.

Car Mark/Trade Name

The SCO90 Car Mark/Trade Name Table is maintained by Railinc. The table displays an SCO90 Carrier Mark and Carrier Equipment Marks controlled by the Carrier that are subject to SCO90 handling.

Note: Only Railinc personnel can make changes to this table. SCO90 Company Administrators can assign rights to individuals on their railroad to view the table.

This table also identifies trade name relationships through the Trade Name/Home Road column. This relationship is a grouping of various railroads and equipment marks that are under a family relationship due to a Trade Name to a particular railroad. Car Marks associated with the Trade Name Family are considered home on the Carrier Mark designated as the Family Owning Railroad. An example of a Trade Name relationship is as follows:

Canadian National Railways Trade Name Family - CN

CC	Chicago, Central & Pacific Railroad Co.
CN	Canadian National Railways
DWP	Duluth, Winnipeg and Pacific Railway
GTW	Grand Trunk Western Railroad Inc
EJE	Elgin Joliet and Eastern Railway Co
IC	Illinois Central Railroad Co
WC	Wisconsin Central Ltd.

Use the following procedure to access the Car Mark/Trade Name Table:

1. Select the **Data Manager** menu item. The list of Data Manager tables is displayed (as described in [Exhibit 5](#)).
2. From the Select a Table drop down, select **Carmark / Trade Name**. The Car Mark Trade Name data is displayed (see [Exhibit 12](#)).

Exhibit 12. Car Marks / Trade Name Data

Select a Table
Carmark / Trade Name

Carmark / Trade Name Data

Number of records: 37 Clear Filters

Road Mark	Owner Mark	Trade Name / Home Road	Effective Date	Expiration Date
QC		CPRS	2009-04-01	9999-12-31
QC	CPRS	CPRS	2009-04-01	9999-12-31
SOO		CPRS	2009-04-01	9999-12-31
SSAM		CN	2009-04-01	9999-12-31
THB	CP	CPRS	2009-04-01	9999-12-31
TM		KCS	2009-04-01	9999-12-31
WC		CN	2009-04-01	9999-12-31
WCCL		CN	2009-04-01	9999-12-31
WLO	IC	CN	2009-04-01	9999-12-31
CC		ST	2009-04-01	9999-12-31
CHAT		AB	2009-04-01	9999-12-31

3. Perform one of the following actions:
 - a. Use the **filtering** options to filter the displayed data (see “[Filtering Data](#)” on page 6).
 - b. Use the **XLS** option to download the displayed data in XLS format (see “[Downloading Data](#)” on page 7).
 - c. Use the **print** option to print the displayed data (see “[Printing Table Data](#)” on page 7).
 - d. Select a column heading to perform an ascending or descending **sort** of the data by that column.

Reports

Select the **Reports** menu item to access the SCO90 reports. The Download Reports page is displayed (see [Exhibit 13](#)).

Exhibit 13. Download Reports Page

Download Reports

Roadmark
ALM ▼

Quarter
2019 Q4 ▼

Transportation Code: T Code E Code

Report type
Obligation Adjustment Summary ▼

By downloading this data, you agree to [Railinc's Terms of Service](#) which limits data use and restricts distribution without prior Railinc agreement.

Download Report

Reports are available for two different **Transportation Codes (T Code and E Code)**. [Exhibit 14](#) provides an explanation of these codes.

Exhibit 14. SCO90 Transportation Codes

Transportation Code	Description
T Code	SCO90 allows for the efficient return of indirect connection freight cars to the railroad home road. This also includes foreign marked railroad cars shown in the Lessee Field in Umler are considered 'home' on the leasing railroad's line for general service and unassigned cars freight cars reloaded by other than the railroad car owner or if leased by leasing railroad (Transportation Code T). Privately marked freight cars that have a railroad in the Umler Lessee Field that are SCO90 Mechanical Designations are subject to SCO90 rules.
E Code	Privately marked railroad-controlled cars and foreign marked railroad assigned cars in AAR Umler Pools with Transportation Codes C, G, J, R, and P are subject to Transportation Code E when loaded by a railroad other than the Umler Pool assigned railroad.

Use the following procedure to download SCO90 quarterly reports:

1. From the Download Reports page (see [Exhibit 13](#)), select the **Roadmark**.

Note: The default **Roadmark** is your Mark. If you manage multiple roadmarks, you can use the dropdown arrow next to this field to select another road for which to generate reports.

2. From the **Quarter** dropdown, select the specific quarter for the desired reports.
3. Select the desired **Transportation Code** (T Code or E Code). See [Exhibit 14](#) for explanations.

4. From the **Report type** dropdown, select one of the following report types:

- Obligation Adjustment Summary
- Executive Summary
- Super Summary
- Intermediate Junction Movement
- Origin Destination
- Offset Credit Detail

5. Select the checkbox next to the “By downloading this data, you agree to Railinc’s Terms of Service which limits data use and restricts distribution without prior Railinc agreement” statement. As needed, select the **Railinc Terms of Service** link to review the terms first.

Note: You cannot download the report until this checkbox is selected.

6. Select **Get Report** to generate the report. The system displays a series of prompts enabling you to either open or save the report. [Exhibit 15](#) provides an example of a PDF report.

Exhibit 15. Example SCO90 PDF Report (Intermediate Junction Movement)

Transportation Code T		Association of American Railroads		Page: 32	
Carrier: ABCD		Period: 04/01/2009 - 06/30/2009		Run Date: 08/19/2009	
SCO90 Intermediate Junction Movements by Carrier, Car Mark					
Intermediate Movement Totals			Loaded (Debit) Moves		
	Moves Handled	Hours	Car Hire Dollars	Miles	CSR5 Dollars
Total Intermediate Junction Moves For All Marks	58	9348	6843	35698	13049
Total Junction Destination Moves For All Marks	40	7183	5519	15545	5443
Total Origin Junction Moves For All Marks	33	3758	2996	4365	1587
Total Loaded Moves For All Marks	131	20289	15358	55608	20079
Intermediate Movement Totals			Empty (Credit) Moves		
	Moves Handled	Hours	Car Hire Dollars	Miles	CSR5 Dollars
Total Intermediate Junction Moves For All Marks	75	11012	8289	54233	19500
Total Origin Junction Moves For All Marks	31	5449	3854	18297	6640
Total Termination Credit Moves For All Marks	2	585	546	3621	1266
Total Utilization Credit Moves For All Marks	16	4248	4162	2311	793
Total Empty Moves For All Marks	124	21294	16851	78462	28199

Subscriptions

The Subscriptions menu item enables Company Administrators to control how established subscriptions are received.

Note: Only Company Administrators can view/edit these details.

All SCO participants default to acceptance of email messages (checked). MQ users must have the box for MQ checked in order to receive XML messages.

Use the following procedure to manage subscription profiles:

1. Select the **Subscriptions** menu item. The Subscription Profile options are displayed.

Exhibit 16. Subscription Profile Options

Subscription Profile

The screenshot shows a form with two rows of options. The first row is labeled 'MQ' and has a checked checkbox. The second row is labeled 'Email' and has a checked checkbox. Below these options is a 'Save' button.

MQ	<input checked="" type="checkbox"/>
Email	<input checked="" type="checkbox"/>

Save

2. Use the available check boxes to determine if subscription information should be sent to an MQ mailbox and/or to Email.
3. Select **Save** to save any modifications.

Appendix A – SCO90 Debit and Credit Logic

**SPECIAL CAR ORDER 90
CREDIT/DEBIT MOVEMENTS**

DEBIT LOADS

(MUST BE LOADED AWAY FROM OWNER):	FULL DEBIT	FULL CREDIT	OFF SETTING CREDIT	AVERAGE DEBIT
Origin Junction (OJ)	YES, When Last Road In The SCO 90 Route Is Not A Direct Connection	--	--	--
Intermediate Debit	From Junction To Junction	--	--	--
Junction Destination (JD)	YES, When Terminating SCO 90 Carrier Is Not A Direct Connection Of Owner	--	--	--
Mileage Debit (MD)	No Reload Reported, Calculate From Waybill Origin To Off Going I/C SPLC	--	--	--

Appendix A – SCO90 Debit and Credit Logic

CREDIT OFFSET LOADS:

(MUST BE LOADED AWAY FROM OWNER):	FULL DEBIT	FULL CREDIT	OFF SETTING CREDIT	AVERAGE DEBIT
Utilization Delivering Credits Ownership (UC)	--	--	YES	For Delivering That Ownership At That Junction
Termination Credits (TC)	YES	--	YES, But Must Have Received A JD Debit	--
Closer Credits (CC) / Only Applies To Intermediate Carriers	--	Car Must Originate On Indirect Connection And Terminate On Owner	--	--

CREDIT EMPTIES

(Must Originate On Indirect Connection Of The Owner):

(MUST BE LOADED AWAY FROM OWNER):	FULL DEBIT	FULL CREDIT	OFF SETTING CREDIT	AVERAGE DEBIT
Origin Junction (OJ)	--	From RMTY To Off Going Junction	--	--
Intermediate Credit	--	From Junction To Junction	--	--
Mileage Credits (MC)	--	No Empty Reported, Calculate From C/P Or A/P To I/C SPLC*	--	--

* Mileage Cost Only

SPECIAL CAR ORDER 90

CREDIT (*Offset loaded credits*)

1. UC (Utilization Credit) - A railroad that accepts an empty car that began its SCO 90 empty cycle on an indirect connection of the owner and used it for loading will receive a credit equal to the average junction destination debit received by that railroad for delivering that specific ownership off-line at that junction.
2. TC (Termination Credit) - A carrier that loads a car it terminated and for which it had received an inbound junction destination debit will receive a credit equal to the inbound debit.
3. CC (Closer Credit) - A road acting as an intermediate carrier for a loaded car which terminated on the car owner will receive a credit from junction where received to off-going junction when the first participating SCO 90 road in the loaded movement is an indirect connection of the owner.

EMPTY CREDITS

1. A railroad will be credited for a foreign car whose empty SCO 90 movement originates on an indirect connection of the owner in the following manner:
 - a. OJ (Origin - Junction) - On the originating carrier from release empty at destination to off-going junction.
 - b. INTERMED – For intermediate movement from junction to junction.
 - c. MC (Mileage Credits) – Calculated when no RMTY is reported. Calculate from Constructive Placement or Actual Placement to the reported interchange SPLC location.

DEBIT LOADS

1. A railroad will be debited for a foreign car that was loaded to a destination away from the owner when the last SCO 90 road in the route was not a direct connection of the owner in the following manner:
 - a. OJ (Origin-Junction) - On the originating carrier from origin to off-going junction. Car must be moving away from the car mark owner or Umler Pool assigned railroad.
 - b. INTERMED – For intermediate movement from the junction where received as a load to junction delivered as a load.
 - c. JD (Junction-Destination) On the terminating railroad from receipt at interchange loaded to placement at destination loaded.
 - d. MD (Mileage Debit) – No Release Load is reported to the Event Repository (TRAIN II). Calculate from Waybill Origin location to off going interchange junction Standard Point Location Code (SPLC).