

RailConnect TMS Release Notes

4Q Model Period 2021 – December 2021

Advanced Automation	1
SICALL Crew Calling Interface (New Train Crew File).....	1
Charges and Demurrage	2
SSDX CIF Field.....	2
Customer Service.....	2
Correct Slowness on Car Order Screens When Searching by Date	2
EDI.....	3
Create Automation to Write Remove from Embargo (REMB) Automatically	3
Reporting	3
15 New Files Added to the DWH (Data Warehouse) Process	3
System Maintenance.....	4
Add a Button to Create a Customer Master from the CIF Master File.....	4
Transportation.....	4
Changes to Early Warning Screens/Reports	4

Advanced Automation

SICALL Crew Calling Interface (New Train Crew File)

Description: This enhancement involves the ability of TMS to create and process a new set of expanded Train Crew files. It adds the capability to have multiple predefined crew “sets” for a given train and to automatically activate the appropriate set as the train moves through its life cycle. Key elements of this enhancement include:

- The ability to interface to a crew calling application and use this interface to specify crew names and IDs to be used and recorded in TMS.
- The ability to add/cancel/complete train crew details for active or relief crews, as well as maintain historical data about when crews managed each train between what times and what events, actions, and stations.
- The new **Train Crew Detail** file contains detailed information about the crew member, such as Name (First, Middle, Last); Employee ID; On-Duty Station, Date, and Time; Off-Duty Station, Date, and Time; and Crew Status Indicator.

- Various lister and maintenance screens are available for you to create and edit the new crew files.
 - A new **Work with Train Crews** screen displays all the crew sets for a train, accessed from the Pending and Active Train Header screens and the Train History Header screen.
 - A new **Crew Set Edit** screen allows you to create/update a crew set.
 - A new **Crew Detail Display** lister shows the crew members in the crew set.
 - A new **Crew Detail Edit** screen allows you to create/update a crew member record.
 - A new **Train Crew Event** lister displays all the crew-related events associated with a train or a crew set.
- New functionality in TMS processes the train crews as the train moves.

Benefits: This new interface adds multiple benefits. First, it interacts with external Crew Calling systems so that crew data needs to only be entered/generated once, and can then be used in multiple places, with one being TMS. Future versions of mCrew will provide the ability to limit stations/trains according to the user ID (Crew ID) being used to login to mCrew. TMS will also maintain historical data with regards to what crews were working each train or job by stations, actions/events, and by dates and times.
(US402544 – Fast Path: MSIF, TRP, TRA)

Charges and Demurrage

SSDX CIF Field

Description: The SSDX CIF field, positions 178-190, now uses the Synonymed CIF of the industry in positions 48-59. Previously the Synonymed WB NM field did not exactly match the NM field in the customer master when the CIF was not entered in the SSDX file.

Benefits: This change makes the SSDX extracts more accurate and consistent when extracting the data.
(US443553 – Fast Path: SSDX)

Customer Service

Correct Slowness on Car Order Screens When Searching by Date

Description: On certain roads with many active and historical car orders, there was some slowness when searching by a Want Date. The first page down was taking about 3-4 minutes; the second and any subsequent page downs were taking 2-3 minutes per page. The same issue was also happening with search on Car Initial and Number. Both issues have now been corrected.

Benefits: Resolving this issue saves you time and improves system performance.
(US446544 – Fast Path: COA, COHIS)

EDI

Create Automation to Write Remove from Embargo (REMB) Automatically

Description: Previously, in order to allow the train movement, railroads had to enter a permit number in the Embargo Hold screen for embargoed equipment. However, in many cases the permit number was part of the EDI 404/417 messages that were used to accept the car in interchange. Now, when a 404/417 message with the permit number is applied to a railcar, the event to Remove From Embargo Hold (REMB) will automatically be applied to the car.

Benefits: This change automates the release from embargo hold when the data to allow it is available within the 404/417 message.
(US415486 – Fast Path: EHQ)

Reporting

15 New Files Added to the DWH (Data Warehouse) Process

Description: The TMS Data Warehouse process generates many different data extracts for the daily DWH feeds. In addition to the many existing files, we have added all of the files that make up the RMS Rate Database to the DWH process. These controls enable a road or corporation to turn on/off the DWH files they want generated for the daily DWH feed. Please note that due to the structure of these files and how they are updated, these files are only available for the daily feed.

The following file controls have been added for the daily DWH process:

- CGD - Commodity Group Detail
- CGH - Commodity Group Header
- GGD - Geography Group Detail
- GGH - Geography Group Header
- RAD - Rate Application Dtl
- RAH - Rate Application Hdr
- RAJ - Rate Appl Junctions
- RAM - Rate Application Mile
- RAMC - Rate Appl Misc Charges
- RAP - Rate Appl Patrons
- RAR - Rate Appl Rate Line
- RDS - Revenue Files

- RJD - Rate Junction Divisions
- RRR - Rate Route Roads
- RSC1 - Rate Shipment Conditions1

Benefits: By adding these extra files, we are providing more information and data back to the user.

(US443879 – Fast Path: DWH)

System Maintenance

Add a Button to Create a Customer Master from the CIF Master File

Description: A new F6=Create Customer option has been added to the CIF details screen. Taking this option opens a window where the Patron Code (9, 3) can be entered. Upon saving the record, a customer master is created with the following data copied from the CIF:

- Address (Taken from the Physical Address)
- City
- State
- ZIP
- Country
- CIF Number

Benefits: This change allows for a more accurate and complete Customer Master record. As the industry moves to more and more standardized industry data, this new feature allows you to create and merge customer data based on the industry CIF record.
(US437935 – Fast Path: CIF)

Transportation

Changes to Early Warning Screens/Reports

Description: The Early Warning screens and reports have been modified to display Open/Closed instead of Active/Inactive status.

Benefits: This change aligns TMS Early Warning status terminology with Early Warning statuses in Railinc's tools to improve consistency across the applications. There was a recent revamp to the entire Early Warning system earlier this year. Active Warnings are now considered Open and Inactive Warnings are now called Closed. This was a minor change but has been applied for consistency reasons.
(US445899)

RailConnect 2.0 Release Notes

4Q Model Period 2021 – December 2021

RailConnect 2.0.....5
Add a Scheduled Train Detail View by Track to RC2 Visual Yard.....5

RailConnect 2.0

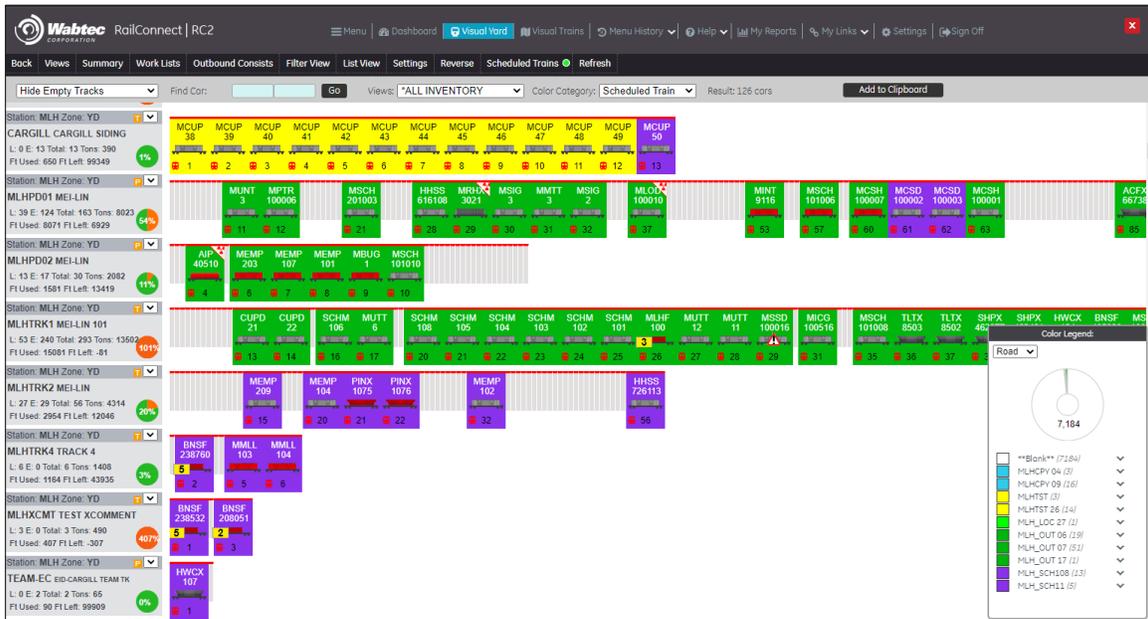
The following enhancements are only shown when using the RailConnect 2.0 Interface. To access this interface, open your preferred internet browser, and then navigate to <https://rc2.railconnect.com>. Additionally, you can also take option 98 from the TMS main menu if you are currently using Client Access to work with TMS. Option 98 will automatically open your favorite browser at the appropriate address.

Add a Scheduled Train Detail View by Track to RC2 Visual Yard

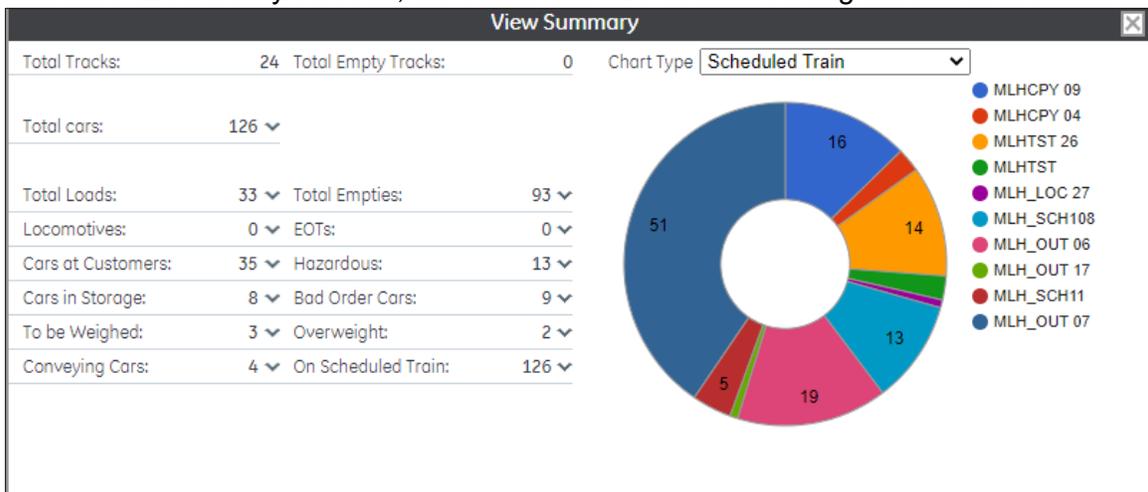
Description: In RC2, several different “Cars on Scheduled Trains” views have been added to Visual Yard. You can now filter/color code/select equipment in Visual Yard based on the next event to which they are assigned. You do need to be using CATS to use this functionality. RC2 Visual Yard now provides several ways to view or interact with cars that are assigned to train events, such as pulls, placements, arrivals, and departures.

In addition to the different methods of interaction, RC2 Visual Yard also provides summary views of trains preparing to perform work within a given area of your current view. For example, you can view how many cars and trains have scheduled events, or you can review summaries by individual stations.

Below is an image of cars assigned to trains/jobs by color:



Below is an example of the new summary screen for cars assigned to Trains/Jobs. As with all RC2 summary screens, full details are also available using the drill-down links.



Benefits: These new views allow each user to view cars by tracks and/or trains/jobs broken down by which train/job event each car is assigned to. For example, you may view if cars are departing or arriving into the yard, are being picked up/pulled from customer siding, or are being placed at the customer. (US231668 – Fast Path: RailConnect 2.0)