

# IRCS-CONNECT Release 12.0

## Final Bullets

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## INTRODUCTION

IRCS-Connect Release 12.0 is one of our largest yet and contains significant enhancements to the TMS Transportation system. Considerable attention was given to the ability to automatically schedule trains and car movements in particular. This paves the way to allow users of RMI's systems to participate in the ISM process with Class I connections.

Users will also note that many of the commonly used car movement screens were modified with new fields that better point out work to be performed. Other major changes include a new Internet based customer interface and a means of rapidly classifying cars into a large hump or flat switched yard.

### Note:

- Many of the enhanced features available in this release will not appear on the menu screens until you update each user's Soft Menus to access the new functions. Once this new release is installed, be sure to update your soft menu tables to make the new options available to those that need them.
- RMI's Support Staff is available to assist you either by phone or in a custom designed training class to acquaint users with the features of this new release. Please give us a call at (404) 355-6734 or email us at [support@railcarmgt.com](mailto:support@railcarmgt.com) to learn more about the ways we can assist you to best use this powerful system.

### Important Release Notes - Read Before Using

**When this release is installed on your operation one of the first steps you should take is to review your Customer Profile. It now includes many new options that you can use to customize the manner in which IRCS-Connect operates on your railroad.**

**There are now ten screens available that you can use to set up the system for your road. Review these screens carefully and adjust them as needed to ensure TMS is set up correctly for your road. These new options are described completely later in this document.**

**The Blocking Rules have undergone extensive modification. The loaded/empty block rules have been merged into one table. RMI highly recommends that once the release is installed users review the blocking tables and resequence or modify their order as necessary.**

## **RELEASE HIGHLIGHTS**

This section describes some of the major updates included in this release. Even if you do not have time to review this complete document, RMI encourages managers and users to review this section and then flip over to the description of that enhancement in this document. As always, you can call RMI if you have any questions about how these new features will benefit your operation.

### **Customer Internet Interface**

As announced in our last User Group meeting, IRCS-Connect has been enhanced with a new customer interface that you can in turn give out to your rail customers. Previous releases gave you the ability to provide your rail customers with eBOL, an internet based bill of lading system. Users could also use this system to trace cars or car fleets.

This interface has been improved dramatically so that you can give your customers the means to log on to the Internet and:

- Release empty cars at their facility.
- Order cars in that are held under constructive placement or storage.
- Mark cars for special handling such as rejects, turns, or bad order.
- Order in-plant switched.

See the Customer Interface section of this document for more information on using this function. RMI has a manual you can in turn provide your customers that gives more information on using this interface.

### **Yard Classification Enhancement**

For railroads responsible for classifying traffic in a large hump or flat switched yard, effective with this release you can quickly build a class list for cars to be switched into the yard. Utilizing a new system table, you can assign blocking rules for cars at a particular station and yard and designate the tracks in the yard the cars should move to. Users can then point to a track in the receiving yard and quickly classify those cars into the yard.

### **Work List Enhancements**

IRCS-Connect's Work List functions were greatly enhanced this release. The system now has a Work List master that provides you the option of building patterns for repetitive Work Lists that are used to run local trains or switching jobs. You can set up

these jobs in the work list master and assign information to the job such as tracks or customers switched. Work Lists can then be quickly built using these master files.

The Work List movement options were also greatly enhanced. You can now designate that when a move is made from the work list that the cars are flagged as complete and removed from the list.

## **Notification Changes**

Major new enhancements were made to IRCS-Connect in this release that will greatly improve your railroad's ability to manage the way customers are notified a car has arrived. You can now set up your system to automatically notify or constructively place cars when the equipment either arrives online or arrives at the serving station.

## **Morning Report Enhancements**

This release contains significant improvements to the "Morning Report". Now available as option 29 in the Print Menu, the new Railroad Status Report provides users the ability to provide on one report a current status of the railroad as well as a summary of what occurred the previous day.

Users can pick and choose what they would like to appear on the report and have it automatically run at any time they like. Just a few of the many options available include:

- Cars Delayed
- Traffic Handled on the Previous Day/Week/Month, etc
- Current Train Location
- Summary of Previous Day's Trains
- Locomotive Status
- Interchange Summary
- Intermodal Statistics
- Cars at Customer Summary

## **E-Reports Expanded**

Significant improvements were made in our internet reporting area. We continue to respond to user requests for additional or enhanced reports and welcome your input in this area. Some of the new enhancements include:

**Locomotive Miles:** Totals miles for locomotives within a selected date range.

**Traffic Reports:** On many of the new reports you will see new select options including: Traffic type, Date type, and Revenue Type.

**Formats:** On many new reports you will see new formats which will enable you to extract to either a spreadsheet or to a printable document.

**New Traffic by Commodity/Customer Reports:** New Traffic by Commodity and Traffic by Customer reports, including 2 period comparison reports, will replace the existing reports of the same name.

**Carloads/Revenue by Place Station/Customer:** This report provides the carloads and revenue based on the place station, and then by customer.

**Carloads/Revenue by Interchange Station / Road:** This report provides the carloads and revenue based on the interchange station, and within that the interchange road.

**12 Month Matrix by Commodity/Customer:** The matrices provide car counts or revenue summaries by either commodity or customer for any 12 month period in a simple to use matrix.

## **EDI and COMMUNICATIONS**

### **Product Group Now Sent on 418**

The Product Group Code can now be transmitted in a 418 EDI Advance Consist message using the Reference Number field with a CX qualifier.

### **Change in End of Train Device Processing on 418's**

The system will now automatically assign a L/E status of "O=Operating" to all inbound EOT devices received on a 418 consist. Some railroads have been transmitting a status of L/E and this in turn was throwing off some totals on reports and screens. (*Project 7906*)

### **Changes on 419/420 Processing**

When TMS processes an Inbound 419 message, if it cannot find an inbound waybill or a bill of lading, the system will look to the active online waybill for blocking instructions.

### **Transmissions to Switching Carriers**

If you are the last interline road in the route on the waybill and the route contains a switching carrier after your road in the route, TMS will automatically transmit your switch connection a copy of that waybill. (*Project 7594*).

### **418 Interchange Processing for EIF**

The timing in which the system queries the EIF file for car dimensional and fleet information has been modified to provide users with more options. Some roads want the system to query the EIF file each time a car is received in a 418. If your operation receives 418 transmissions for many cars that are never interchanged to you, you can set a flag in the Client Profile to query the EIF file only at the time of interchange. This option is available under option 2 Communications from the Client Profile option.



## CLIENT PROFILE

The Client Profile has been expanded and broken out into multiple screens. These new screens contain several powerful functions you can use to customize the way IRCS-Connect performs on your railroad. It is important each railroad review these screens to ensure they are set up properly for your operation.

To reach these options you must have been set up with security that allows you to reach these sensitive areas. To reach the new Client Profile options, take option 1 Client Profile from the System Administration Menu. The new menus appear as shown below:

```
EBCDFR      TRRA      ----- MENU -----      QPADEV001D
Option      or Fast Path      /MCL RS Railroad Profile Menu

  CLIENT SETUP CATEGORY
  1 General
  2 Communications
  3 Interfaces/Imports/Extracts
  4 Invoice Defaults
  5 Print Programs
  6 Billing Control Numbers
  7 Waybill Related Processing
  8 Supertrip
  9 Demurrage
 10 Intermodal
 11 Weight Defaults
 12 Movement Related
 13 Notifications/Admin Messages
 14 Printing Defaults

                                           Botto
F3=Exit  F6=Messages  F9=Toggle Fast Path  F13=Fast Exit  F15=Sign-off
```

### The New Menu Options Are:

**1 General**: Manages items such as Railroad Direction, Move Defaults and Time Zones.

**2 Communications**: Manages basic EDI setup.

**3 Interfaces/Imports/Extracts**: Manages interfaces to other applications such as Digicon, AMS, BMS and others.

**4 Invoice Defaults**: Manages basic information for switching/miscellaneous info.

**5 Print Programs:** Manages default print areas for certain system reports.

**6 Billing Control Numbers:** Manages numbering sequences for items such as invoice numbers, waybills, etc.

**7 Waybill Related Processing:** Manages certain basic waybill functions for ISS roads.

**8 Supertrip:** Manages the way Supertrip performs some basic calculations.

**9 Demurrage:** Manages the way Demurrage and Storage work in the system.

**10 Intermodal:** Manages the way intermodal functions in the system.

**11 Weight Defaults:** Used to set up basic weight defaults used in the system.

**12 Movement Related:** Used to customize basic car movement defaults in the system.

**13 Notifications/Admin Messages:** Used to set up basics for notifications and the Administrative Message handler.

**14 Printing Defaults:** Manages certain default settings for printing hazardous and other information on switch lists.

# MOVING CARS

## Managing Outbound Consists

The Outbound Consist screen has been enhanced. To send EDI for advanced consists, users should now enter an "E" next to the desired consist. You can then indicate if you want to transmit an advance consist, request for blocking, or waybills to the receiving road (*Project 7927 and others*)

RSJMDFR	GNRR	Outbound Consist (Interchange)										QPADEV0002	DISPLA
-----													
Station	Train ID	Date				Find Car:				SORT: Train ID			
-----													
													SHOW: ALL
? Station	Train ID	Road	Date	Time	Lead Car	Lds	Mts	IMs	Opr	Ttl	T	S	
14	PS01	CSXT	11/07/01	11:30	ATSF 315793	50	8	0	0	58	T	C	
14	QSRLI	UP	11/07/02	12:45	ARSX 2061	17	16	0	0	33	T	C	
14	SWITCHER 8	UP	11/07/02	12:30	GATX 30992	78	19	0	0	97	T	C	
												Botto	
1=Header	5=Work with Cars	<b>E=Send EDI</b>		P=Print	O=Offering		D=Deliver						
C=Counts	R=Resequence	F3=Exit		V=Check EDI	F9=Add		A=AEI						
F8=Show All/Rule 15's		F12=Sort By Date/Time or Train ID											

For more information on the new EDI function see the EDI section of this document.

## Classification Lists

This release contains a powerful new option that can be used to quickly classify cars being switched in classification or hump yard. This option permits the user to run a track against a new classification table that directs cars to various yard tracks based on blocking assignments. For information on setting up and using the new classification table see the Master File section of this document.

For example, if track 32 in the yard is being used to gather cars for an outbound interchange to NS, you can set up the classification table so that cars blocked to NS will be destined for that track. When you take the option to build a class list, the system will assign each car on the list to the appropriate track. You can then print the list for crews, and move the cars from the list when the work is complete.

The option to build a classification list is available from the Yard Manager screen as shown below:

RSHODFR	GNRR	Yard Manager				QPADEV0002					
-----											
Find: Track		Zone	Station 11			Move All: South/North S					
Car		Work List									
-----											
? Track	Zone	Track Description	L	E	O	Total	Haz	Tons	Used	Left	
001	RIP	bolt set	9	0	0	9		1330	510	1000	
002	AL	TRACK 2	33	22	0	55	20	4827	2885	381	
003	AL	BOHV	13	1	0	14	3	1606	716	111-	
004	AL	BOLT	0	1	0	1		30	60	537	
005	AL	PWG	13	1	0	14		1707	795	17-	
006	AL	HOLD	3	1	0	4	2	404	214	755	
008	AL	TX MX	1	14	0	15	3	600	996	326	
009	AL	A-LEAD TRACK 9	5	16	0	21	3	1143	1234	269	
010	BL	B/S	7	14	0	21	6	1388	1322	360	
011	BL	SLA LDS/MTY	15	6	0	21	4	1956	1324	357	
012	BL	NEW	0	6	0	6		208	383	1479	
013	BL	UP	11	16	0	27	2	1663	1844	199	
More...											
A=Assign To Train	D=Cars	M=Move Cars	F/T=Move From/To				N=Fan	5=Upd Cars			
B=Build Class List	L=Load	U=Unload	I=Charges		S=Switch Instr			R=Resequene			
G=Product Groups	X=Yard Review			P=Print		W=Weights		O=Order			
C=Track Comments	F9=Tracks-All/Cars			F5=Refresh		F15=Key&Move		F24=More			

To build a classification list for cars on a track, enter a "B" next to the track to be switched. The Yard Manager screen will hi-lite tracks that have an active classification list in place for them.

To reach the classification list manager, take option #4 Classification Lists from the Rail Operations Menu. A screen similar to the example below appears showing all active classification lists for the railroad.

RSNZDFR	GNRR	Classification Lists					QPADEV0002	DISPLAY		
Find: List	Job	Date	Dir	Car	Total:	9				
Station	Track	Lead	Category							
										-- Total --
? List	Date	Station	Track	D Job	Lead	Category	Cars	Open	Cmpl	
6556	110702	11	112	S	103	01	39	39	0	
6729	110802	11	506	S 252	107	01	6	6	0	
6730	110802	11	511	S 252	107	01	1	1	0	
6731	110802	11	512	S 252	107	01	5	5	0	
6732	110802	11	513	S 252	107	01	7	7	0	
6834	110902	11	019	S 151	107	01	27	27	0	
6875	110902	11	108	S 351	107	01	14	14	0	
6891	111002	11	058	S 152	107	01	49	49	0	
6898	111002	14	003	S 132	101	01	66	65	1	
										Bottom
l=Select List   D=Delete   P=Print   R=Resequence   W=Weights F3=Exit   F7=Alt View   F9=Add New List   F10=All List History										

The options available to manage these lists include:

**P=Print:** Used to print a classification list for switching

**l=Select** Used to review cars in the consist and the way they are classified

**F7=Alt View:** Used to change views over the consist

**F10=All List History:** Toggles between views that just show active lists or all lists whether active or complete

When you take the option to review cars in a classification list the new screen appears as shown below:

RSN1DFR	GNRR	Classification List				QPADEV0002	DISPLAY
List 6556	Station 11	Track 112	Total Cars: 39	Open: 39			
Lead 103	Category 01	Move: South/North S	Complete: 0				
Find: Cut	Car	Switch To	New Track				
							*OPEN
? Seq	Cut	Car	LE KD	HM SH	Commodity	Switch To	New Track OF
1		UTLX 203599	E T	CL	FUEL OIL	DEERPARK Z25	009 <
2		GATX 80036	E T	CL	FUEL OIL	DEERPARK Z25	009 <
3		PROX 41778	E T	CL	FUEL OIL	DEERPARK Z25	009 <
4		UTLX 201810	E T	CL	FUEL OIL	DEERPARK Z25	009 <
5		PROX 41489	E T	CL	FUEL OIL	DEERPARK Z25	009 <
6		UTLX 46932	E T	CL	FUEL OIL	DEERPARK Z25	009 <
7		PROX 41802	E T	CL	FUEL OIL	DEERPARK Z25	009 <
8		UTLX 202481	E T	CL	FUEL OIL	DEERPARK Z25	009 <
9		UTLX 662922	E T		**EMPTY**	SHELL Z25	009 <
10		GATX 24054	E T	CL	DIESEL FUE	DEERPARK Z25	009 <
11		PROX 41752	E T	CL	DIESEL FUE	DEERPARK Z25	009 <
							More...
C=Complete D=Delete H=History O=Overflow W=Waybill Z=Hazmat F3=Exit							
F1=Chg Job F2=Assign Track F4=Assign Cut F6=Print F7=Alt View F8=Open/Cmp							
F9=Add F10=Complete Cut F11=Complete All F13=Reclassify F15=Delete Open							
F17=Comments							

The Track field shows the track that has been assigned to the cars. The “OF” field indicates if the assigned track is full and the car has been assigned to an overflow track.

The options available to manage these lists include:

**C=Complete:** Used to move the cars to the tracks assigned.

**F11=Complete All** Used to move the cars to the tracks assigned.

**F10=Complete Cut** Used to move the cars to the tracks assigned based on their assigned cut.

**F7=Alt View:** Used to change views over the consist

**F10=All List History:** Toggles between views that just show active lists or all lists whether active or complete

## **New Move Types**

Several new move types were made a part of the system in this release. Some of these types will only be generated or allowable if you have turned on some of the new switch settings in the Client Profile that cover the way the railroad moves cars. New move types include:

**MOVU**: This indicates the user has updated the blocking or destination of a car. This move type is system generated and is not actually entered by the user. (Note: You must turn on this option in your Client Profile before the system will generate these events.)

**LOCP**: Local move from one customer track to another customer track within the same facility.

**TURN**: Used to indicate a car should be turned.

**TSET**: Train set. Indicates a train has been inspected and air is set for the train or cars in the train.

## **New Movement Edits**

The Client Profile option has several new flags you can use to control the way you move cars in the system. These include:

You can require a release before you can move a car from a customer track.

You can record force a train departure before the next train arrival.

## Hazmat Changes

From the "Display Hazmat Description" screen as shown below you can press F4 to move directly to the Emergency Response Information screen. (*Project 8192*). You can also print the Hazmat Description and Emergency Response test by pressing F6.

```
RSMDDFR      GNRR      Display Hazmat Description      QPADEV0002
-----
Car. . . : UTLX 201692
-----
Waybill: 324730  Date: 11/10/02
*****
*           HAZARDOUS           *
*****

1 Tank Car
171000 Pound
VINYL ACETATE, STABILIZED
3
UN1301
II
RQ(VINYL ACETATE)
EMERGENCY CONTACT:
  800-424-9300
HAZMAT STCC=4907270
*****
***** END OF HAZMAT DATA *****

F3=Exit      F4=Emergency Response Text      F6=Print (Text & ER)

Bottom
```

## Bad Order Modifications

The Enter Cars on Bad Order option has been enhanced to provide additional power when placing cars on bad order. The new screen appears similar to the screen shown below:

RSD4EFR		GNRR		Enter Cars On Bad Order				QPADEV0002	
Car		Date		Time		Move Grade			
				Type		Switch	Instr	Switch	To
GATX	20990	100102	1300	BLGT					

'=Dup Comment Line    F3=Exit    F7=Block/Switch To    F10=Update    More...

## Unloading Car Changes

The Unload Car screen was changed to incorporate the new enhancements that were made part of the system through the new customer interface and eBOL modules. The improved Unload screen appears similar to the example shown below:

RSHADFR	GNRR	Unload Cars					QPADEV0002		
Station 25	Find: Track 111	Zone SD			Car				
RELEASE Time	Date 111002	Delete Special Instruction at Unload N			Station 25 S/N S				
MOVE Time	Date 111002	Type	PFPS	Track	Show: LOADED				
-----									
? Seq	Track	Car	LE	KD	Commodity	Block To	BSB	Placed	
							LIO	Date	Time
140	714	CHVX 197011	L	T	HEXENE	CHEVRON	Z25	110602	9:55
147	714	NATX 35697	L	T	PETROLEUM	CHEVRON	Z25	110602	9:55
225	714	NATX 35676	L	T	PETROLEUM	CHEVRON	Z25	110302	10:30
226	714	CHVX 197007	L	T	HEXENE	CHEVRON	Z25	110302	10:30
227	714	NATX 35691	L	T	PETROLEUM	CHEVRON	Z25	110302	10:30
228	714	CHVX 100136	L	T	HEXENE	CHEVRON	Z25	110302	10:30
232	714	PSPX 2017	L	C	PLASTIC	CHEVRON	Z25	110202	6:15
233	714	CHVX 195004	L	T	HEXENE	CHEVRON	Z25	110202	6:15
236	714	PSPX 6018	L	C	PLASTIC	CDWHSE	Z21		
238	714	PSPX 6978	L	C	PLASTIC	CSXT-11	OLD		
246	714	NATX 35685	L	T	PETROLEUM	CHEVRON	Z25	103102	10:30
							More...		
1=Unload Car		A=Assign to Train		H=History		W=Waybill			
U=Unload All on Track		C=Unload and Charge		O=Add Car to Order		S=Spec Instr			
D=Yard View of Track		B=BOL		F3=Exit		F7=Alt View		F9=Show Loads/All	

The changes include:

If there is an empty bill of lading waiting for the car in the BOL Queue an '\*' now shows in the BL column.

The SI and BO columns will show you if the car has special instructions or if it is on Bad Order.

You can use the F7-Alt View Option to toggle the screen so you can review the Product Group and Net Weight.

## Loading Car Changes

The load Car screen was changed to incorporate the new enhancements that were made part of the system through the new customer interface and eBOL modules. The improved Unload screen appears similar to the example shown below:

RSLMDFR		GNRR		Load Cars				QPADEV0002		
Station 25		Find: Track 110		Zone: SD		Car:				
RELEASE Time		Date 111002		RWC to Apply						
MOVE Time		Date 111002		Type	PFPS	Track	Station 25		S/N S	
							----- Show: EMPTY			
							BSB		Placed	
? Seq	Car	LE	KD	Commodity	Switch To	Track	LIO	Date	Time	
1	GATX 72266	E	T	**EMPTY**	AIRPROCHE Z25	110		111002	3:30	
2	GATX 72268	E	T	**EMPTY**	AIRPROCHE Z25	110		111002	3:30	
3	UTLX 660242	E	T	**EMPTY**	AIRPROCHE Z25	110		111002	3:30	
4	UTLX 660250	E	T	**EMPTY**	AIRPROCHE Z25	110		111002	3:30	
5	UTLX 660267	E	T	**EMPTY**	AIRPROCHE Z25	110		111002	3:30	
17	APMX 4029	W	T	**EMPTY**	AIRPROCHE Z25	110		110502	5:00	
18	APMX 4065	E	T	***HOT***	AIRPROCHE Z25	110		110502	5:00	
19	UTLX 651167	E	T	**EMPTY**	AIRPROCHE Z25	110		110502	5:00	
20	UTLX 660254	E	T	**EMPTY**	AIRPROCHE Z25	110		110502	5:00	
21	UTLX 660252	E	T	**EMPTY**	AIRPROCHE Z25	110		110502	5:00	
22	APMX 4007	E	T	***HOT***	AIRPROCHE Z25	110		110302	7:20	
23	APMX 4004	E	T	***HOT***	AIRPROCHE Z25	110		110302	7:20	
							More...			
1=Load Car		B=BOL		A=Assign to Train		D=Yard View		H=History		
L=Load Pattern Car		G=Product Group		C=Load & Charge		F24=More Keys				

The changes include:

If there is an empty bill of lading waiting for the car in the BOL Queue an '\*' now shows in the BL column.

The SI and BO columns will show you if the car has special instructions or if it is on Bad Order.

You can use the F7-Alt View Option to toggle the screen so you can review the Switch To.

## Printing Switch lists

Additional switch lists have been made a part of the system. The new switch list menu screen appears as shown below:

RSLIDFR	GNRR	Report Menu	QPADEV0002
-----			
Station . . : 11 Track: 001			
Report Type . . : Cars Printed: South To North			
Detail/Summary. : D Line Spacing: 1 Page Break: Y Print Cars In Reverse:			
Show Hazmat Info: Y Print Queue/Copies: /			
-----			
YARD SWITCH LISTS		Haz	
1=Switch Instr/Block To	*	J=Conductor's Journal	*
2=Block To/Switch Instr	*	CL=Classification List	*
4=Block To/Instr w/Dest Station	*	I=Yard Inventory Reports	*
5=Block To/Instr w/Comment Lines	*	WAYBILLs	
6=Block To/Switch Instr	*	WB=Print Waybills	*
7=PO Number/Instr w/Shipper	*	STATION SUMMARY REPORTS	
8=Block To/Prod Grp w/Net (GT)	*	L=Track Summary	
8B=Train ID/Prod Grp w/Net (GT)	*	B=Block To Summary	
9=Block To/Instr w/IB Date/Kind	*	T=Yard Turnover Report	
10=Block To/Instr w/Footage/Lines*			
W=Conductor's Wheel Report	*		
C=Conductor's Switch List	*		
			Bottom
1=Select To Print F3=Exit F6=Stations Selected F7=Tracks Selected			
F20=Save To Work List			

The changes include:

**CL=Classification List:** Used to print a list for switching cars into a classification or hump yard.

**Page Break:** You can now use this field to indicate if the list should start a new page when the track changes. You can change the default for this field in the Client Profile for your road.

**Show Hazmat Info:** You can now use this field to indicate if the list should print hazardous information. You can change the default for this field in the Client Profile for your road.

Other minor changes have been made to the existing lists. Users should review the lists you currently use to ensure they continue to meet your requirements. Suggestions for changes should be called or emailed to RMI Customer Support.

*(Project 7210 and others)*

## Changes to the Yard Manger Screen

The Yard Manager Screen was enhanced with several powerful new features. The new screen appears similar to the example shown below:

RSHODFR	GNRR	Yard Manager				QPADEV0002				
Find: Track		Zone		Station 11		Move All: South/North S				
Car		Work List								
-----										
										*SUBSET
? Track	Zone	Track Description	L	E	O	Total	Haz	Tons	Used	Left
001	RIP	bolt set	9	0	0	9		1330	510	1000
002	AL	TRACK 2	33	22	0	55	20	4827	2885	381
003	AL	BOHV	13	1	0	14	3	1606	716	111-
004	AL	BOLT	0	1	0	1		30	60	537
005	AL	PWG	13	1	0	14		1707	795	17-
006	AL	HOLD	3	1	0	4	2	404	214	755
008	AL	TX MX	1	14	0	15	3	600	996	326
009	AL	A-LEAD TRACK 9	5	16	0	21	3	1143	1234	269
010	BL	B/S	7	14	0	21	6	1388	1322	360
011	BL	SLA LDS/MTY	15	6	0	21	4	1956	1324	357
012	BL	NEW	0	6	0	6		208	383	1479
013	BL	UP	11	16	0	27	2	1663	1844	199
-----										
More...										
A=Assign To Train		D=Cars		M=Move Cars		F/T=Move From/To		N=Fan		5=Upd Cars
B=Build Class List		L=Load		U=Unload		I=Charges		S=Switch Instr		R=Resequenece
G=Product Groups		X=Yard Review		P=Print		W=Weights		O=Order		
C=Track Comments		F9=Tracks-All/Cars		F5=Refresh		F15=Key&Move		F24=More		

The changes include:

**5=Update Cars:** Used to change the Switch To, Block To, Activity Indicator or the Special Handling flag for cars on a track.

**B=Build Class List:** Used to quickly build a classification list for a track. This option is used when cars on the track are to be switched into a classification or hump yard. When you take this option the cars are matched against a new classification table and assigned their appropriate track.

**C=Track Comments:** Used to quickly update the comments or description of a given track.

**F8=Modify Track Description:** Opens up the description for all tracks. You can then quickly update the description or usage for that track.

**Track Zone Hi-Lighted:** Tracks will now be hi-lighted if there is an existing classification list in effect for cars on that track.

**F7=Alt View:** Changes the view between track name and track description.

## Looking at Online Railcars

The Trace Online Railcars option available from the Rail Operations menu has been enhanced to include new options. (*Project 8256 and others*)

RSBDFR		GNRR		Cars Online					QPADEV0002	
Find: Car		KD		Station		Track		Train		
LE	Block To			Switch To						
----- Show: Both										
Pending B S										
? Car	Train ID or		Station/Track		Inb	Seq	LE	KD	Commodity	Train ID O I
ABOX	50150	11	INBOUND	*	7	L	B	BEANS	HMEMDYT106	
ABOX	50150	11	INBOUND	*	7	L	B	BEANS	HMEMDYT106	
ABOX	50523	29	520		19	E	B	**EMPTY**		
ABOX	51028	21	722		10	E	B	**EMPTY**		
ABOX	51075	23	671		5	L	B	FLOUR,WHE		
ABOX	51092	12	017		36	E	B	**EMPTY**		
ABOX	51117	23	671		2	L	B	FLOUR,WHE		
ABOX	51267	11	009		19	E	B	**EMPTY**		
ABOX	51270	23	671		3	L	B	FLOUR,WHE		
ABOX	51319	11	INBOUND	*	6	L	B	BEANS	HMEMDYT106	
ABOX	51319	11	INBOUND	*	6	L	B	BEANS	HMEMDYT106	
ABOX	52194	12	017		37	E	B	**EMPTY**		
ACFX	5148	29	401		369	E	RR	**EMPTY**		
More...										
C=Customer Support E=EIF H=History I=Intermodal P=Print Waybill										
S=Special Instructions W=Waybill F3=Exit F7=Alt View F9=Active/Inbound/Both										

You can now use F9 to toggle which cars show on the list. Options are Inbound, On-Line or Both.

You can use the F7=Alt View option to flip between various views for each car.

## AEI Improvements

As the price of installing and managing AEI readers continues to fall, more and more regional railroads are making an investment in this technology. RMI has been making significant improvements in the way RailConnect interfaces with this new technology. Some of these improvements include:

Improvements in the manner in which RailConnect interfaces with AEI readers include:

When comparing a read to a track/train/work list we have updated the messages and percentage calculations that determine mis-matches. This in turn provides users an easier way to look for missing cars or determine where sequencing problems lie. (*Project 7662 and others*).

The AEI list screen, as shown below, was changed to show the most recent read at the top of the list. (*Project 8212*).

RSFXDFR	GNRR	AEI Consists						QPADEV0002						
Find: Station		Site	Direction			From Road								
Date 110702	Time	Car	IB	OB	PT	WL	SI							
		From										#of		
? Station	Site	Dir	Road	Date	Time	Lead	Car	IB	OB	PT	WL	SI	Car	Er
25	AEI0000009	N		11/07/02	18:06	GNRR	9622						1	
11	AEI0000003	S		11/07/02	18:04	GNRR	9609						7	
12	AEI0000002	S		11/07/02	17:45	GNRR	9624						70	
13	AEI0000013	S		11/07/02	17:44	CSXT	4439						50	
13	AEI0000013	S		11/07/02	18:01	CSXT	2297						2	
29	AEI0000017	N		11/07/02	17:47	UPFE	468171			R			50	
29	AEI0000017	S		11/07/02	17:52	GATX	44148			P			13	
25	AEI0000009	S		11/07/02	17:53	GNRR	9622						1	
13	AEI0000013	S		11/07/02	17:34	CSXT	4439						5	
25	AEI0000009	S		11/07/02	17:31	GNRR	9614						78	
14	AEI0000010	N		11/07/02	17:26	GNRR	9616						98	
14	AEI0000010	S		11/07/02	17:37	UTLX	661240			R			22	
													More..	
1=Header 5=Equipment D=Delete E=Errors P=Print R=Resolve Reads F3=Exit														
CREATE: I=Inbnd O=Outbnd M=Multi S=Scale Intrfc T=Pend Train W=Work List														

The list screen was also changed so that you can search for consists at a specific station.

this area of the system. The Outbound Consist screen has been enhanced. To send EDI for advanced consists, users should now enter an "E" next to the desired consist. You can then indicate if you want to transmit an advance consist, request for blocking, or waybills to the receiving road (*Project 7927 and others*)

RSJMDFR	GNRR	Outbound Consist (Interchange)										QPADEV0002	DISPLA
Station	Train ID	Date										Find Car:	
												SORT: Train ID	
												SHOW: ALL	
? Station	Train ID	Road	Date	Time	Lead	Car	Lds	Mts	IMs	Opr	Ttl	T	S
14	PS01	CSXT	11/07/01	11:30	ATSF	315793	50	8	0	0	58	T	C
14	QSRLI	UP	11/07/02	12:45	ARSX	2061	17	16	0	0	33	T	C
14	SWITCHER 8	UP	11/07/02	12:30	GATX	30992	78	19	0	0	97	T	C
												Botto	
1=Header	5=Work with Cars	<b>E=Send EDI</b>		P=Print	O=Offering		D=Deliver						
C=Counts	R=Resequence	F3=Exit		V=Check EDI	F9=Add		A=AEI						
F8=Show All/Rule 15's		F12=Sort By Date/Time or Train ID											

For more information on the new EDI function see the EDI section of this document.

## **Changes in Train Functions**

You can now depart and arrive trains without cars and/or locomotives. This allows you to record start dates for jobs when the crew begins duty at one station and then travels by car (while on duty) to another station where their train is located. (*Project 6917*).

You can now update the on-duty time from an active train (*Project 7739*).

## Inbound Consists Changes

The inbound consists have been enhanced in this release to provide new views and new functions. (Project 7780, 7781 and others).

From the Inbound Consist list screen you can now enter a '7' next to a consist to update the Switch To for cars in the consist. This new screen appears as shown below:

RSNXDFR	GNRR	Cars On Inbound Consist				QPADEV0002
Station 11	Train ID	YEW70	09	Road UP	Date 11/09/02 Time 9:30	
						Show Intermodals: *NO
? Car	LE SH AI	Switch To	Block To	Station	Track	SP P W
UTLX 640025 E		ROHMHAAS SPT	ROHMHAAS SPT	25	760	SA
ACFX 85809 E		MANCHSTR1 YRD	RHODIA Z24	24		
ACFX 87806 E		MANCHSTR1 YRD	LYONDELL SPT	24	639	SA
ACFX 86722 E		MANCHSTR1 YRD	LYONDELL SPT	24	639	SA
ECUX 575055 E		INTERCTL Z25	INTERCTL Z25	25		
CHVX 896920 L		DEERPARK SPT	DEERPARK SPT	25	001	SA
ACFX 87568 E		MANCHSTR1 YRD	SCOASTTRM Z24	24		
CHVX 189501 L		INTERCTL Z25	INTERCTL Z25	25		
IHB 1104 L		GOPACIF2 YRD	PRECOAT Z22	22		
GATX 67553 L		GOPACIF2 YRD	STOLTTERM Z22	22		
GATX 17063 L		GOPACIF2 YRD	STOLTTERM Z22	22		
CPCX 2104 E		CHEVRON SPT	CHEVRON SPT	25	714	SA
PSPX 6396 E		CHEVRON SPT	CHEVRON SPT	25	714	SA
GATX 67552 L		GOPACIF2 YRD	STOLTTERM Z22	22		
UTLX 901445 E		ROHMHAAS SPT	ROHMHAAS SPT	25	760	SA
						More...
'=Copy	D=Delete	A=Add After	E=EIF	F/X=Copy From/To		
H=History	M=Move	N=Advance Notice	F5=Interchange	F24=More Keys		

You can use this new screen to rapidly update the Switch To, Block To, or Activity Indicator for cars in the consist.

The Work with Cars in Inbound Consist screen was also modified to make use of the new fields and functions in the system. This new screen appears similar to the one shown in the example below:

RSFLEFR	GNRR	Cars On Inbound Consist				QPADEV0002	CHANGE
Station 11	Train ID	YEW70	09	Road UP	Date 11/09/02	Time 9:30	
						Show Intermodals: *NO	
? Car	LE KD	Commodity	Block To			W/B SDAS M	Type IVNH C
UTLX 640025	E T	ACRYLIC AC	ROHMHAAS	SPT 25	25	417E	----
ACFX 85809	E T	SULPHUR DI	RHODIA	Z24 24	24	417E	----
ACFX 87806	E T	**EMPTY**	LYONDELL	SPT 24	24	417E	----
ACFX 86722	E T	**EMPTY**	LYONDELL	SPT 24	24	417E	----
ECUX 575055	E T	**EMPTY**	INTERCTL	Z25 25	25	417E	----
CHVX 896920	L C	PLASTIC	DEERPARK	SPT 25	25	417E	----
ACFX 87568	E T	**EMPTY**	SCOASTTRM	Z24 24	24	417E	----
CHVX 189501	L T	BUTYLENE	INTERCTL	Z25 25	25	417E	----
IHB 1104	L E	STEEL	PRECOAT	Z22 22	22	417E	----
GATX 67553	L T	PETRO OIL	STOLTTERM	Z22 22	22	417E	----
GATX 17063	L T	PETRO OIL	STOLTTERM	Z22 22	22	417E	----
CPCX 2104	E C	**EMPTY**	CHEVRON	SPT 25	25	417E	----
PSPX 6396	E C	**EMPTY**	CHEVRON	SPT 25	25	417E	----
GATX 67552	L T	PETRO OIL	STOLTTERM	Z22 22	22	417E	----
							More..
'=Copy	D=Delete	A=Add After	E=EIF	H=History	M=Move	P=Print Waybill	
S=Spec Instr	W=Waybill	F5=Interchange	F10=Reseq	F24=More Keys			

New options include:

F4=Show Hide: This option turns on and off the check digit display for intermodals.

X=Blocking History: Enter an "X" next to a car to review the blocking history for a car. This new option lets you review every match the car has found in the blocking table for that car. This is an excellent tool for determining mis-matches or looking into reasons why a car did not block correctly.

F20=Switch To: Transfers you to the new screen where you can update the Switch To for cars in the consist.

F14=Weights: Shows weight information for cars in the consist including gross and tare weight and the car's capacity. This new screen appears similar to the example shown below:

RSL4DFR	GNRR	Enter Waybill Weights				QPADEV0002
-----						
Find Car:		86 CAR(S) SELECTED				
Default Weight Type: N		Enter Date/Time To Update History: 111002				
*Mass apply weight and F8/F11:		N				
Average with last car partial:		Y=Yes	Add charges when F8/F11:		Y=Yes	
-----						
					Show: ALL	
(26 LOADS/ 60 EMPTIES)						
? Car	LE KD	Commodity	Weight	Cd Tare	Weight	Limit On Rail
UTLX	640025 E T	ACRYLIC AC			75200	188000 263
ACFX	85809 E T	SULPHUR DI			81700	181000 263
ACFX	87806 E T	**EMPTY**			74100	189000 263
ACFX	86722 E T	**EMPTY**			74200	189000 263
ECUX	575055 E T	**EMPTY**	100	E	112400	151000 263
CHVX	896920 L C	PLASTIC	199500	N	66000	220000 286
ACFX	87568 E T	**EMPTY**			74400	189000 263
CHVX	189501 L T	BUTYLENE	156900	N	96900	166000 263
IHB	1104 L E	STEEL	190480	N	68300	195000 263
GATX	67553 L T	PETRO OIL	167868	N	72000	191000 263
More.						
C=Charge	D=Delete	E=EIF	H=History	S=Seals	W=Waybill	
F3=Exit	F5=Refresh	F6=Seals	F7=Show Intermodals			
F8=Apply Average Weight		F9=Show All/Loads/Empties		F11=Apply Fixed Weight		

When you choose to manually add a new consist the new screen appears similar to the one shown below:

RSFLEFR	GNRR	Cars On Inbound Consist	QPADEV0002	ADD
Station 11	Train ID TEST	Road UP	Date 11/02/02	Time 12:00
-----				Show Intermodals: *NO
? Car	LE KD	Commodity	Block To	W/B SDAS M Type IVNH C

More...

'=Copy   F3=Exit   F4=Show/Hide Check Digit   F9=Look At Consist   F7=Alt View  
F13=Default Load   F15=Default Empty

New options include:

**F4=Show Hide:** This option turns on and off the check digit display. If you will not be entering trailers and containers containing check digits, press F4.

**F13=Default Load:** Once you have entered cars in the consist you can press F13 to assign a default value of "L" for all no bill cars in the cut.

**F14=Default Empty:** Once you have entered cars in the consist you can press F13 to assign a default value of "E" for all no bill cars in the cut.

## Customer Internet Work Queue

IRCS-Connect has been enhanced with a new customer interface that you can in turn give out to your rail customers. This interface has been improved dramatically so that you can give your customers the means to log on to the Internet and:

- Release empty cars at their facility.
- Order cars in that are held under constructive placement or storage.
- Mark cars for special handling such as rejects, turns, or bad order.
- Order in-plant switched.

As customers enter data in the customer interface a record of each record entered is recorded in a work queue that you can in turn use to monitor incoming work. This new work queue is available using option 18 Customer Instructions from the work queue menu. When you take this option the screen appears similar to the example shown below:

RSO6DFR		PTRA		Work With Customer Instructions				QPADEV0002	
Find Car:		Customer:		Station:		Date:		Held/Released: H	
? Car	LE KD	Commodity	Switch	Instr	Date	Time	Nbr	Instr	
CSXT 160665	L A	WOODPULP	SPOT		10/11/02	8:36	1		
CSXT 167069	L A	WOODPULP	SPOT		10/11/02	8:36	1		
GATX 4937	L T	LIMESTONE	SPOT		10/11/02	8:36	1		
GATX 5663	L T	LIMESTONE	SPOT		10/11/02	8:36	1		
GATX 5724	L T	LIMESTONE	SPOT		10/11/02	8:36	1		
OAR 3289	L B	WOODPULP	SPOT		10/11/02	8:36	1		
OAR 61251	L A	WOODPULP	SPOT		10/11/02	8:36	1		
OAR 61295	L A	WOODPULP	SPOT		10/11/02	8:36	1		
SOU 526129	L A	WOODPULP	SPOT		10/11/02	8:36	1		
UTLX 200626	E T	HYDR PEROX	REJECTED		10/11/02	10:32	7		
SP 248503	L A	WHEAT,BAGS	SPOT		10/11/02	10:52	2		
GATX 80115	E T	TOLUENE			10/11/02	11:13	1		
NATX 300026	E T	TOLUENE			10/11/02	11:13	1		
								More...	
l=Select E=EIF H=History P=Print Waybill R=Remove From Queue									
S=Special Instructions W=Waybill F3=Exit F7=Alt View									

This new screen shows incoming messages sorted in date order. You can use the fields at the top of the screen to look for messages coming in from a particular customer or station.

## New View over Trains

IRCS-Connect was enhanced to provide new views over cars moving in trains. These views provide users the ability to review many of the new fields, such as Activity Indicator and Switch To, that have been made part of the system. (Project 8083)

RSEUDFR	LIRC	Work With Cars On Pending Train				QPADEV0004			
Station CHICAGO		Train ID CHILOCAL		Date 2/08/02		Time			
Find Car:									
						----- Show Intermodals: *NO			
? Car	LE	KD	Commodity	Product	Group	Tons	Tare	Load Limit	Outside Length
LIRC	9373	O	D	EMD	GP38	150			
PSPX	6429	L	C2	PLASTIC		127	68600		64' 8"
ALAX	35884	L	C2	PLASTIC		123	68900		64' 8"
CN	415388	L	A3	ZINC	PIG,S	130	68400		55' 6"
CR	628568	L	E6	STEEL		290	76000		63' 7"
NS	165777	E	E2	**EMPTY**		30	59600		52' 1"
NS	167310	L	E2	STEEL		114	61100		52' 4"
NW	169925	L	E4	STEEL		116	64200		57' 8"
NS	168345	E	E4	**EMPTY**		34	68800		57'11"
Bottom									
A=Add After B=Add Before C=Customer Support D=Delete H=History W=Waybill									
F3=Exit F5=Depart F6=Print Menu F8=Enter Blocking F9=Show Intermodals									
F10=Reseq <b>F11=Alt View</b> F12=Switch Instr F20=Assigned Cars F22=Check Errors									

## Managing Cars in Trains

A new function has been added to the Work With Cars in Train to set out all cars in the train. (Project 8085)

RSEUDFR	LIRC	Work With Cars On Pending Train				QPADEV0004			
Station CHICAGO		Train ID CHILOCAL		Date 2/08/02		Time			
Find Car:									
						----- Show Intermodals: *NO			
? Car	LE	KD	Commodity	Product	Group	Tons	Tare	Load Limit	Outside Length
LIRC	9373	O	D	EMD	GP38	150			
PSPX	6429	L	C2	PLASTIC		127	68600		64' 8"
ALAX	35884	L	C2	PLASTIC		123	68900		64' 8"
CN	415388	L	A3	ZINC	PIG,S	130	68400		55' 6"
CR	628568	L	E6	STEEL		290	76000		63' 7"
NS	165777	E	E2	**EMPTY**		30	59600		52' 1"
NS	167310	L	E2	STEEL		114	61100		52' 4"
NW	169925	L	E4	STEEL		116	64200		57' 8"
NS	168345	E	E4	**EMPTY**		34	68800		57'11"
Bottom									
A=Add After B=Add Before C=Customer Support D=Delete H=History W=Waybill									
F3=Exit F5=Depart F6=Print Menu F8=Enter Blocking F9=Show Intermodals									
F10=Reseq <b>F11=Alt View</b> F12=Switch Instr F20=Assigned Cars F22=Check Errors									

## Train Edit Changes

Several new options are available in the Client Profile that you can use to modify the edits that occur when you try to move trains. To reach these options, take option 12 Movement Related from the Client Profile menu and press F7 for Train Movement Related functions. The screen appears as shown below. (*Project 7772*)

RSDDE1R	QA	Client Train Related	QPADEV000D	CHANGE
IRCS/Connect Version is: 11.30				
Road Mark: LIRC	Name	LOUISVILLE & INDIANA RAILROAD	260 Number	434
-----				
TRAIN MOVEMENT RELATED:				
Must Depart Train Before Arrival	. Y	Yes		
Automatically Print Train Papers	.	No		
Require Train Set Before Departure		No		

### The new options are:

**Must Depart Train Before Arrival:** Enter 'Y' to force users to enter a train departure before you can arrive it at the next station.

**Automatically Print Train Papers:** Enter "Y" to have the system default be to automatically print a train list whenever a pending train departs.

**Require Train Set Before Departure:** Enter "Y" to force a train set to be entered before you can depart the pending train.

## Administration Message Changes

Major new enhancements were made to IRCS-Connect to the area of Administrative Messages. Using these new features you can more easily enter and manage messages for items such as slow orders, safety notifications and general orders.

### New Administrative Message Menu

The new Administrative Message menu is available as option 24 from the Rail Operations Menu. When you take this option the screen appears as shown in the example below:

```
      EDBCDFR      QA      ----- MENU -----
QPADEV000D
Option      or Fast Path      /ADM  RS  Administrative Messages

      TYPE
1 Administrative Messages
2 General Notice
3 General Order
4 Daily Operating Instructions
5 Job Bulletins
6 Track Bulletins
7 Terminal Instructions
8 Unsafe Conditions

Bottom

F3=Exit  F6=Messages  F9=Toggle Fast Path  F13=Fast Exit  F15=Sign-off
```

The options on the screen are used to segregate the various message types into various categories.

When you take one of the options, the message screen appears as shown in the example below:

Message	Category	Year 2002	Type: Job Bulletins			
Description			Total:	1		
Entered By/Date		Expiration				
Modified By/Date		Completed By/Date		Show: *OPEN		
? Message	Description	Category	Entered	Expires	Sts	Lck
1	Shop Utility Man	BULLETIN	11/10/02	11/02/03		O

Bottom

1=Text 2=Header C=Copy E=Executive Authority P=Print/Email F3=Exit  
 F5=Refresh F6=Add From Template F7=Templates F9=Add F10=Open/Complete/All

Some of the new functions include:

**F10=Open/Complete/All:** Used to toggle between messages that are open, complete, or all messages.

**F6=Add from Template:** Used to add a new message based on a template (master record).

**F7=Templates:** Used to just look at template messages.

## Adding a New Message

When you take the option to add a new message the screen appears as shown in the example below:

```
RSB8E1R      QA                      Message Header          11/10/02  20:20:04
Type . . . . Job Bulletins           Message:           2 Year 2002

Entered By   RMICDB      Date/Time 111002 2020  Define As Template N  Y=Yes
Category .   .           Expiration
Description
Affected .
Completed By
Footer:

Header:
  Modified By
  Total Updates

Comments:
  Modified By
  Total Updates

F3=Exit     Enter=Add
```

Note that you can now define the message as a template. This is similar as setting up the message as a master file. Once a message is defined as a template you can in turn use it to quickly build other messages.

## Notification Changes

Major new enhancements were made to IRCS-Connect in this release that will greatly improve your railroad's ability to manage the way customers are notified a car has arrived. You can now set up your system to automatically notify or constructively place cars when the equipment either arrives online or arrives at the serving station.

A completely new set of menus is now available that you can use to manage these notifications. Additional changes to the system to the notification features in IRCS-Connect. Some of the enhancements include the ability to more easily set up the system to automatically generate notifications.

### New Notification Menu

The new notification menu is available as option 5 from the Main Menu. When you take this option the screen appears as shown in the example below:

```
EBCDFR      QA          ----- MENU -----          QPADEV000D
Option      or Fast Path          /NOT  RS  Notification Menu

  Work With
  1 Display/Reprint Notifications
  2 On Demand Notification
  3 Customer Arrival Notification

  History
  11 Car Movement History

  Text Maintenance
  21 Notification Text

                                                    Bottom
F3=Exit  F6=Messages  F9=Toggle Fast Path  F13=Fast Exit  F15=Sign-off
```

### Options are:

- 1. Display/Reprint Notifications:** Takes you to a listing of all notifications generated in the system. You can then use this option to look at those notifications.
- 2. On Demand Notifications:** Can be used to manually enter notifications.
- 3. Customer Arrival Notification:** Used to generate mass notifications for a group of cars.
- 21. Notification Text:** Used to customize the wording to appear in the text portion of the notification.

## New Notification List Screen

Available as option 1 from the new notification menu, you can now look at all notifications generated in the system. When you take this option the screen appears as shown in the example below:

RSIXDFR		QA		Display Notifications				11/10/02		19:10:59	
Type	Date/Time	Printed	Customer		Waybill		Station		Car		
Waybill	Control	Station	Customer	Control	Station	Car	Printed	Notify	Date		
? Typ	Date	Time	Customer	Control	Station	Car					
	5/29/02	10:48	CARGIL	CHI	1542564	CHICAGO	WTTX	156006			
	5/29/02	10:48	CARGIL	CHI	1542559	CHICAGO	TTAX	76005			
	5/29/02	10:48	CARGIL	CHI	1542560	CHICAGO	TTAX	76006			
	5/29/02	10:48	CARGIL	CHI	1542561	CHICAGO	TTAX	76007			
	5/29/02	10:48	CARGIL	CHI	1542563	CHICAGO	WTTX	156005			
CP	10/29/02	11:36	PRH	LOU	1545349	CHICAGO	PRH	1003	10/25/02		
CP	10/29/02	11:35	PRH	LOU	1545347	CHICAGO	PRH	1002	10/28/02		
CP	9/29/02	14:37	EID	XXX	1545242	LOUIS	CR	239712	9/28/02		
CP	9/29/02	14:37	EID	XXX	1545243	LOUIS	CR	242232	9/28/02		
CP	9/29/02	14:28	EID	LOU	1545206	LOUIS	ADN	5640	9/28/02		
CP	9/29/02	14:28	EID	LOU	1545207	LOUIS	ALM	9347	9/28/02		
CP	9/29/02	13:31	EID	LOU	1545293	LOUIS	SUND	600	9/29/02		
CP	9/29/02	12:31	EID	LOU	1545156	LOUIS	DME	5403	9/02/02		
									More...		

1=Select 6=Reprint W=Waybill H=History  
F10=Position/reprint all for selection type/printed date & time

### Options are:

**1. Select:** Used to review the notification generated.

**6. Reprint:** Used to reprint a notification.

**F10=Position/Reprint:** Used to reprint a group of notifications. This option works by entering a date/time and type in the top portion of the screen and then pressing F10.

## RWC and Waybill Changes

### Weights and Seals from Multi-Car View

You can now press F14 to review the weights associated with a multi-car waybill.  
(Project 7742).

### Default Weights

The client profile has a new screen that you can use to enter default weights to be used in calculations throughout the system. This option is available as option 11 Weight Defaults from the Client Setup menu.

```
WEIGHT DEFAULTS:
Unit Of Measure. . LB Pounds
Weight Tolerance % 5

RAIL (In Tons):      INTERMODAL (In Tons):    LOCOMOTIVE (In Tons):
Gross Weight  130      Gross Weight  20      Weight  260
Tare Weight   30      Tare Weight  10

HighWide:
Clearance Limit Code. . G Plate G
Weight Limit In Pounds 270000
```

The new field that primarily influences waybill entry is the Weight Tolerance field. When you enter a waybill weight, IRCS-Connect will compare the total gross weight against the capacity for the car. If the gross weight is in excess of the percentage entered in the weight tolerance field the car will be flagged as over-weight throughout the system. In the example above cars can be up to 5% overweight before they are counted as overweight in the system.

## Changes to the Primary Waybill Screen

The primary waybill screen was modified slightly during the release. The function keys shown at the bottom were re-ordered somewhat. Several new options were added as well. The new screen appears similar to the example shown below (*Project 8102 and others*):

RSEBPVR	QA	Waybill Screen 1	QPADEV000D
-----		-----	
Car: ACFX 46209	Status: Active	Control:	1544902
-----		-----	
RWC EXXONCHIEXXONHOU	L/E L	EDI Type RR KD C1	Type C113
Weight 180000 Code E	Net Weight 180000	Length 5406	S/T Traf F Sec7
BOL/Code NS	Ref/Code	BM Date/Time 103002 1128	Co. Mat
		Multi (L/T)	EDI Override
		Switch/Haulage S	Haulage Rd
STCC 2821144 PLASTIC	Product Group		
Weight Type S Tare Weight	65000 Allowance		Dunnage
Waybill Number/Date 609615	80302 A/S S PP/CC PP	The Customer EXXON	CHI
Block To NS	LOU Station/Track/Spot: LOUIS		
Switch To NS	LOU Route Code	Activity SB	To Be Weighed
Route LIRC LOUIS CSXT BLUIS UP			
Role I S 1			
Dest: Stn COUNCIL BLUFFS	ST IA FSAC	1 Csg EXXON CHEMICAL AMERICAS	
Orig: Stn CHICAGO	ST IL FSAC 40600	Shp EXXON	
		C/O	
EDI: To CSXT	Source Originated	Ntf	
EDI Validated	Traffic Type Interline	Forwarded	
Enter=Update	F3=Exit F2=Re-Block	F5=Multi F12=Seed RWC	F16=Charges
F6=Print	F7=Supplemental	F8=STCC F9=Send EDI	F24=More Keys

### Some of the new options include:

**F2=Re-Block:** Instructs the system to run the waybill back through the station blocking table. Useful if you have changes waybill information such as route, consignee, care of, etc.

**Station/Track/Spot:** More functionality has been written around these fields. They control the ultimate destination of the car on-line and will be used in the ISM compliance initiative which will be part of the next release.

**Switch To:** Intermediate blocking point for the move.

## New Waybill Movement Information Screen

The waybill was enhanced to include a new car movement information screen. Available as function F13 from the waybill, the new screen appears similar to the example shown below (*Project 7278 and others*):

RSNKPVR	QA	Waybill Move Instructions			QPADEV000D
-----					
Car: ACFX	1091	Status: Active	L/E: L	Control:	1544850
Current Location: Station: CHICAGO		Track: EXXON1	Seq: 1	Spot:	
-----					
Interchange Station: CHICAGO CHICAGO				Activity Ind : SB	
Serving Station. . . :				To Be Weighed:	
Block To . . . . .	BROWN	LOU	Station: LOUIS	Left-at:	
Switch To. . . . .	SHOP	CHI	Track . :	Spot. . . . .:	
Switch Instructions: 1			Special Instructions: AIRB		
Last Move. . . . .	LOC	9/12/02	8:10		
Bad Order. . . . . :			Storage . . . . . :	System Car. . : N	
Car Hire Time Rate :		.00	The Customer. . . :		
Remarks. . . . . :					
Demurrage Code . . . :			Demurrage Flag . . : (N=No Demurrage)		
Car Hire Flag. . . : F			Pay Up To: Time. . :	.27	Mileage: .047
Switch/Haulage . . . :			Haulage: Road. . . : Type. . . . .:		
Priority Code. . . . :			Reclaim Code . . . :		
Company Materials. :				S/T Traffic:	
F3=Exit F9=Remarks F10=Special Instructions F16=Charges F18=Holds					

## New Waybill Error List Screen

The waybill was enhanced to provide additional filters such as L/E status and Error reason as search criteria at the top of the screen.

RSBLDFR	GNRR	View Waybill - Errors				
QPADEV0002						
-----						
Waybill Status: Inbound Waybill Errors						
Find Car: L/E Multi (L/T) Waybill Number/Date:						
Error Reason Set						
-----						
? Car	LE	Set	Waybill/BOL	Date	Multi Error Reason	
ABOX 50018	L	417	130604	9/30/02	Active Waybill Found	
ABOX 50065	L	417	130608	9/30/02	Active Waybill Found	
ABOX 51236	L	417	135584	10/01/02	Active Waybill Found	
ACFX 36368	E	417	102388	10/01/02	WB Date < Delivery Date	
ACFX 36373	E	417	925756	9/24/02	Active Waybill Found	
ACFX 36377	E	417	681087	9/26/02	Auto Load-Rcvd for online	
ACFX 36443	E	417	103223	10/01/02	WB Date < Delivery Date	
ACFX 36447	E	417	590895	9/24/02	Auto Load-Rcvd for online	
ACFX 36490	E	417	108058	10/01/02	Active Waybill Found	
ACFX 36497	E	417	107368	9/25/02	Active Waybill Found	
ACFX 36512	E	417	700497	9/25/02	Active Waybill Found	
ACFX 36527	L	417	618296	10/11/02	WB Date < Delivery Date	
ACFX 36530	L	417	465128	10/20/02	WB Date < Delivery Date	
More...						
W=Waybill E=EDI D=Delete H=History M=View Multicar P=Print F3=Exit						
C=Cars In Error O=Overlay Active Bill						

## Bill of Lading Queue Changes

The Bill of Lading Queue option, available as option 16 from the Billing Menu, was enhanced during this release. In particular it was enhanced to better handle the new Internet Based Shipper Interface module and increased usage of the eBOL internet based billing module. (*Worked as project 8096 and others.*)

RSI6DFR	GNRR	Work With Bills of Lading				QPADEV0002
Find Car:		TM Code:	L/E:	Confirm for Revenue Overlay..: Y		
Shipper.:					Display Waybill after Overlay: Y	
----- ALL						
-----Online----- Last						
? Car	LE	Commodity	Shipper	BOL Date	M Hld	Track MoP Move
ACFX	67243	L PLASTIC	MONSANT	11/07/02		14 - 005 PP LOCC
ELTX	1295	L PLASTIC	BP PHILL	11/07/02		29 - 401 NR MOVU
ELTX	1702	L PLASTIC	BP PHILL	11/07/02		29 - 401 NR MOVU
GATX	10100	L PLASTIC	MONSANT	11/07/02		13 - 012 PP LOCC
GATX	10140	L PLASTIC	MONSANT	11/07/02		13 - 007 PP LOCC
GATX	10707	L PLASTIC	MONSANT	11/07/02		13 - 011 PP LOCC
GATX	10834	L PLASTIC	MONSANT	11/07/02		13 - 007 PP LOCC
GATX	10840	L PLASTIC	MONSANT	11/07/02		13 - 017 PP LOCC
GACX	73825	L PLASTIC	MONSANT	11/07/02		13 - 014 PP LOCC
More...						
W=Waybill D=Delete H=History V=View Multi E=EDI P=Print L=Load Screen						
A=Online Bill M=Move O=Overlay R=O&Release S=Multi Weights U=Unload Scrn						
Q=View Holds C=Send Cancellation F3=Exit F5=Refresh F7=Enter Multi BOL's						
F9=Add F10=All/Online only F20=Toggle Confirm F21=Toggle Waybill Display						

Changes to this queue include:

**F10 All/Online Only:** This option toggles the cars that display between only cars online and cars both online and offline.

**F20 Toggle Confirm:** This option is used to change the confirm option which displays at the top of the screen. This option covers whether or not you must confirm your choice when you overlay an online waybill with a bill.

**A=Online Bill:** This option will let you look at the current waybill associated with the car. You can use this option to determine if you should overlay the bill or not.

**F21 Toggle Waybill Display:** This function controls the default option that appears at the top of the screen for whether or not you wish to see the waybill when to take an overlay option.

**F7=Enter Multi BOL's:** Use this option to reach a key a list screen you can use to quickly enter BOL's.

**F9=Add:** Used to enter a new BOL.

## RWC Charge/Blocking Screen Change

The RWC Miscellaneous Information screen has been changed to include additional information that can be seeded into a waybill. The new screen appears similar to the one shown below:

RSH6PVR		QA	Edit RWC Miscellaneous Info				QPADEV000D
RWC ID: BLABEAINDY							Holdings Exist: No
Type	Description		Charge Code	Charge To		Rate	Qual
PACT	Placement-Actual		BLABEA	BLABEA	FRA	225.0000	PC
Switch Instructions		PULL					
Block To . . . . .	INDPOW	IND					
Station/Track/Spot	INDY		Left-at		INDY		
Switch To . . . . .	INDPOW	IND					
The Customer . . . .	INDPOW	IND	Reverse Route		Block To		
Product Group Code							
Demurrage Code . . .			Demurrage Flag	(N=No Demurrage)			
Car Hire Flag . . . .	P		Pay Up To: Time	Mileage. . . .			
Reclaim Code . . . .			Switch/Haulage. . .	Haulage: Road		Type	
Priority Code . . . .			Supertrip Traffic				
EDI Send To Override			Company Materials	Controlling Road			
PRODUCT: Quality %		Dust Rating	On/Off Cust Spec				
To Be Weighed . . . .		Activity					
F3=Exit	F16=Charges	F18=Holds					

New options include:

The Car Hire Flag now has two new values:

P = Zero Rate Private Only

F = Fixed Rate.

Switch To: Intermediate switching point for a car.

To be Weighed: Flag used to indicate that the car should be weighed.

## RWC List Screen

When you take the option from a waybill to look up RWC's, the screen that shows below now appears.

RSKXDFR	QA	Waybill RWC Select				QPADEV000D		
-----								
RWC :		LE	E	TMC	R	S/H	Last Used	
Dest:		ST	Consignee:					
Orig:		ST	Shipper:					
STCC:	Product Group:							
-----								
* ACTIVE *								
Opt	RWC	Type	LE	TMC	Prod	Group	Consignee	Shipper
	BRGTEST	EMPTY	ACTIV	E	R			
	DAVID		ACTIV	E	R			
	ERRORDEL		ACTIV	E	R		BLACKBEAUTY	AGENTLOUISV
	FEAGTCARTOL		ACTIV	E	R		CARGILL	AGENTCHICAG
	IEAIRAIRCAL		ACTIV	E	R		AIRPRODUCTS	AIRPRODCHEM
	IECARCOUIND		ACTIV	E	R		COUCOOPER	PERFARMS
	IECELCELICAL		ACTIV	E	R			CELANESE
	IECENCENIND		ACTIV	E	R			
	IECSXCOUIND		ACTIV	E	R		COUCOOPER	CSX-AGENT
	IEDANDANREA		ACTIV	E	R		DANA	DANA
	IEDOWELFCAL		ACTIV	E	R		ELFATON	DOWCHEMIC
	IEEIDCELICAL		ACTIV	E	R			EIDUPONT
							More...	
1=Select 5=RWC Details F3=Exit F7=Alt View F10=Active/Inactive/Inbound								

New options include:

5=RWC: Provides the ability to look at basic information about the RWC's. This option enables the user to select the appropriate RWC.

F10=Active/Inactive/Inbound: Provides the ability to toggle between views on the RWC list screen between Active RWC's, Inactive RWC's and Inbound RWC's.

## New Car Hire Indicator

You can now enter a 'P' as a car hire indicator on RWC's and waybills. This indicator will instruct car hire to zero rate mileage cars but pay for railroad marked cars. (Project 8237).

## Diversion Entry Change

You can now enter a 'C' next to a diversion on the Diversion List screen to quickly create a new diversion. (Project 7740).

## **SUPERTRIP**

Supertrip underwent several major revisions during the last release. These improvements were primarily based on suggestions received from our users.

**Note:** RMI will be providing additional Supertrip training classes throughout the year and during the next Users' Group Meeting. If your road is interested in a training class, please contact RMI Support. .

### **List Screen Changes**

The Revenue Trips by Customer list screen now sorts by initial, number and then from most recent trip to oldest within a car. (*Project 7569*).

### **Car Owner Field**

The Car Owner field in the Supertrip Record is now loaded exclusively from the value for the car as maintained in UMLER. (*Project 7099*).

### **Constructive Placement on Velocity Report**

The Constructive Placement was made a part of the velocity report that calculates times between important move events. (*Project 7173*).

## REPORTS

### New Returned Car Report

You can now produce a report that shows cars that were delivered offline and returned quickly to your line. This report is useful in looking for rejects, setbacks, or bridge cars returned in error. This report, worked under Project 8191 is available as option 38 Returned Cars from the print menu. The report select screen appears as shown below:

RSPEPVR	GNRR	Returned Cars Prompt
QPADEV00		
	Delivery Date	to
	Hours before receipt	
	Out Queue / Number of Copies	

## Online Inventory Report Change

The Online Inventory Report has been significantly enhanced. The select and sort options available for this report has forced us to open up a second screen to include all the new options.

There is a new report available, the Online Car Summary Report, that you can use to print summary totals for online cars. Available as Report Type 8 this option can quickly summarize traffic online.

The screens appear as shown in the samples below:

```
RSOHPVR      GNRR Online Inventory Report Control (1 of 2)      QPADEV000

Format Options:
Report Title . . . .      Controlling Road
Report Type . . . .
Detail Type . . . .      ..... (Reports 1 and 8)
Sort Report By . . .      ..... (Reports 1,3,4,5,8,9,X)

Print Special Instructions      Print Ground Inventory
Print Block To or Switch To S

Days Online . . From      To      Last Move      From Road
Hours Since Last Move

E=Exclude or S=Select: Bad Order      Storage      In Bond      System Cars
                        On CP      At Customer

Location Selection:
Station . . . . From      To      (Leave blank for all Station
Zone. . . . . From      To
Track . . . . . From      To
FSAC. . . . . From      To
Milepost. . . . From      To
F3=Exit      F6=Display Report On Screen      Page Down=Next Screen
```

The second Online Inventory Report screen appears as shown below:

RSOIPVR	GNRR Online Inventory Report Control (2 of 2)	QPADEV000
Waybill Selection:		
L/E Status . . . . .		Switch/Haulage . . (S,H)
STCC . . . . . From	To	Product Group . .
Hazardous Only . . .	(Y=Yes)	Weigh Flag . . . .
Print No Bills . . .	(A=All, R=Revenue)	Activity Indicator
Equipment Selection:		
Reporting Mark . . .		Cars From . . . . . To
Car Kind . . . . . From	To	Rail/IM/Conveying (R/X/C)
Foreign/Private/TTX	(F,P,T)	Per Diem Cars Only (Y=Yes)
Fleet Name . . . . .		
Customer Selection:		
Block To . . . . .		Switch To . . . . .
Consignee . . . . .		Shipper . . . . .
The Customer . . . . .		
Out Queue / Number of Copies /		
F3=Exit F6=Display Report On Screen Page Up=Prior Screen		

New select options include:

**Activity Indicator:** Used to set the new Activity Indicator flag such as “SP” for SPOT or “PU” for pull.

**Fleet Name:** Name for the fleet the car is assigned to as set for the car in the Fleet Pool Master.

**Switch To:** Intermediate blocking or switching point for the car. (Note: Your railroad must use the Switch To field for this function to work properly).

**Print Ground Inventory:** Enter “Y” to include intermodal ground inventory on the report.

**Hours Since Last Move:** Use this field to select cars that haven’t made an important move in the time frame specified.

Other Changes Include:

Enhancements were made to the way car hire is calculated when you print the version of this report that shows car hire information. Reclaims and car hire free flags in the waybill will now be taken into account when you run any report that estimates car hire.

A new report type, option 9, has been made available that will print EIF equipment dimensional information. (*Project 7729*).

## Air Brake Test Report Enhanced

Available as option 2 from the Car Locomotive Maintenance Report, the Air Brake Test Report appears as shown below: (*Project 7559*).

RSJ8PVR	GNRR	Air Brake Test Report	QPADEV0002
Air Brake Test Date: 111001			
Station:		(Leave blank for ALL stations)	
Out Queue / Number of Copies:		/	
F3=Exit			

You can now either print the report for all cars on the railroad or limit the report to just one station.

## New Morning Report (Railroad Status Report)

This release contained further refinements to the powerful and new morning report options available in the system. This new function enables you to build and save reports that provide you with a status of what occurred on the railroad in a prior period as well as what is going on with the railroad currently. (*Projects 6309 and others*).

A new section of the manual provides complete instructions on setting up and running this very powerful new tool. For more information please contact customer support.

Version:	1 Yardmaster's Report					
Report	Order	Record	Limit	From Date	To Date	
Summary by Commodity	1					
Place/Release Summary	2		5	STYRPREVD	PREVIOUS	
Switch/Misc Billing Summ	3		5	STYRPREVD	PREVIOUS	
Interline Revenue Summary	4		5	STYRPREVD	PREVIOUS	
Exception Table	5					
Current Train Summary	6					
Loaded Car Type Summary	7					
Empty Cars for Loading	8					
Cars on Spot by Customer	9		5			
Constructive Placements	10		5			
Blocking Summ by Block To	11		5			
Blocking Summ by Track	12		5			
Locomotive Summary	13					
Interchange Summary	14			STYRPREVD	PREVIOUS	
Train Summary	15			STYRPREVD	PREVIOUS	
IM Ground Inventory	16					
						More..
F3=Exit						

The sample screen above shows just a few of the reports that can be automatically scheduled.

## New Dwell Report (Hours at Station)

A new hours at station report was made a part of this release. Available as option 17 from the Print Menu, the screen as shown below gives you the option to select the records to appear on the report. (*Project 7873*).

```
RSPFPVR      QA      Prompt for Hours At Station Report      QPADEV000D

Station . . . . . From      to      (Leave blank for all Stations)
Delay Hours . . . From      to
Out Queue/Number of Copies . . . /

F3=Exit
```

## History Report Changes

The History Report was changed so that you can enter 'LL' to select only loaded intermodal flats, 'LE' to select intermodal flats carrying empty containers, or "EE" to select only empty intermodal flats. (*Project 7838*).

You can enter a move type of 'BADO' to select all cars on bad order no matter what the reason. You can also enter the move type "STEAM" to select all cars on storage no matter what the reason. (*Project 7681*).

## New Field on the Originating Waybill Report

The Source of Data is available on the Originating Waybill report. You can also sort the report by this field. (*Project 7535*).

## RWC Report Change

The RWC reference reports have been combined into one option. The new option is available as option 35 from the Print Menu. When you take this option the select screen appears as shown below. (*Project 7523*).

RSLTPVR	QA	Print RWC Report by Date	QPADE
Print Reference List		(Y/N)	
Waybill . . . .		(Y/N)	
Active/Inactive . . .		(A=Active / I=Inactive)	
Creation From/To Date		/	
Shipper . . . . .			
Origin Station . . .			
Equip Status . . . .		(L=Loaded / E=Empty)	
Type . . . . .		(I=Inbound only)	
Out Queue / Number of Copies.		/	

## SWITCHING/MISCELLANEOUS and DEMURRAGE BILLING

Several enhancements were made to the IRCS-Connect Switching/Miscellaneous Billing module during this release. Work continues in this area. Your thoughts and ideas are always welcome.

### Charge Queue Changes

The Switching / Miscellaneous Billing charge queue was altered in this release to provide new views and new filters. (*Project 8145 and others*). You can now use F7 to toggle the view on the screen, or the new filters at the top of the screen to limit the records you want to review.

RSIADFR		GNRR Work with Missing Switch/Haulage Charges				QPADEV0002					
Find Car:		Waybill Number:		Waybill Date:		L/E:					
Traffic Type:		TM Code:		Entry Date:		Hold Status: H					
--- Entry ---											
? Car	LE	TM	MP	Date	Time	Trf M	Contents	Comments			
AMCX	4390	L	R	PP	11/10/02	1227	LOC	PLASTIC	BLOCKING ENTRY		
GATX	69547	E	R	NC	11/10/02	1225	LOC	**EMPTY**	INVALID BILL TO PART		
ULTX	640947	E	R	NC	11/10/02	1225	LOC	**EMPTY**	INVALID BILL TO PART		
GATX	70488	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
NATX	50762	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
PGTX	75716	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
PGTX	400073	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
PLCX	224478	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
PTLX	223321	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
TLDX	223197	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
UTLX	17652	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
UTLX	68314	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
UTLX	640449	E	R	NC	11/10/02	1218	LOC	**EMPTY**	INVALID BILL TO PART		
								More...			
W=Waybill		H=History		P=Print		R=Release Hold		C=Enter Charges		E=EDI	
G=Pending Charges		S=Show All Holds		F3=Exit		F7=Alternate View					

### The New Options Are:

**G=Pending Charges:** Used to determine if there are charges pending that have not yet been generated are in effect for the car.

**F7=Alternate View:** Toggles between Entry Date/Time and Waybill Information.

**C=Enter Charges:** Used to rapidly enter new charges for a car.

### Charge List Screen Change

You can now use the Amount field as a select option at the top of the Switching/Miscellaneous Charge list screen to look for charges for a particular amount. (Project 7848).

### Demurrage Invoice Change

The demurrage invoice now shows car type. (Project 8148).

### Demurrage Charge Master Change

The demurrage master was modified to include several new options. (Project 7960).

RSAOE1R	PTRA	Demurrage/Storage Master	QPADEV0002	CHANGE
Billing Road PTR				
Demurrage/Storage Code LOADING-7 Effective Date 52302 Move Type L (L/U/' ')				
Charge Type S (A/C/D/S/T/M)		Is this a Miscellaneous Charge? (Y/' ')		
Number of Free Hours 48		Currency Code		
Exclude: Saturdays Y Sundays Y Holidays Y Credit Days Limit				
Free Day for Spot on: Friday Saturday Sunday Holiday				
Use PCON to determine Fri/Sat/Sun/Holiday Spot (Leave blank to use PACT)				
Begin Time 0700 (HHMM/PL=When Placed/DAY) Contract Begin Time Override				
Description EMPTY IN FOR LOADING 7 DAY CUSTOMERS				
Service Type (Intermodal only)		Minimum Days to Bill		
Daily Rate 1: 55.00 through day 5		Daily Rate 3: 100.00 through day		
Daily Rate 2: 75.00 through day 10				
Modified By: RMIWSC		Date: 10/23/02	Time: 10:28	Total Rate Tiers: 3

The changes include:

**Is this a Miscellaneous Charge?:** Used to indicate if the amount generated should be counted as a miscellaneous charge instead of a demurrage charge.

**Free Day for Spot on:** Enter the number of additional free days that should be granted if a car is spotted on the days checked.

## Demurrage Charge List Screen Changes

The demurrage charge list screens were changes slightly in this release. (*Project 7764*).

Car	Released	Code	Type	Customer	Billing	Road
? Car	Released	Code	Type	Customer	Days	Credits Cur
ABOX 50018	10/21/02 15:31	EXPORT	S	FLANAGN23 SPT	14	0
ABOX 50065	10/21/02 15:31	EXPORT	S	FLANAGN23 SPT	14	0
ABOX 50456	10/02/02 15:53	EXPORT	S	CITYDOCKS SPT	2	0
ABOX 50531	10/29/02 2:08	UNLOAD-5	S	GLFSTRM24 SPT	6	0
ABOX 51028	10/09/02 13:30	UNLOAD-5	S	JACPORINT SPB	4	0
ABOX 51029	10/23/02 16:37	EXPORT	S	FLANAGN23 SPT	16	0
ABOX 51133	10/29/02 2:08	UNLOAD-5	S	GLFSTRM24 SPT	6	0
ABOX 51236	10/14/02 10:15	UNLOAD-5	S	JACPORINT SPB	6	0
ABOX 51275	10/30/02 2:30	UNLOAD-5	S	GLFSTRM24 SPT		0
ABOX 51328	10/30/02 2:30	UNLOAD-5	S	GLFSTRM24 SPT	5	0
ABOX 51332	10/29/02 2:08	UNLOAD-5	S	GLFSTRM24 SPT	6	0
ABOX 51927	10/01/02 15:16	EXPORT	S	CITYDOCKS SPT	1	0
ABOX 51943	10/29/02 2:08	UNLOAD-5	S	GLFSTRM24 SPT	6	0
More...						
1=Select	H=History	W=Waybill	F=Show	Force-Release	Billings	
F3=Exit	F8=Car Movement History	F9=Add				3

The changes include:

**F8=Car Movement History:** Used to quickly review car movement history for cars in the consist.

**F=Show Force-Release Billings:** Used to check for demurrage billing where the billing is being forced through month end.

## **INTERMODAL**

### **Ground Inventory Report Change**

You can now email the Intermodal Ground Inventory Report. (*Project 7833*).

## MASTER FILES

### Station Mileage Calculations

If you have not yet set up your station mileage table to calculate mileages between points on your line, IRCS-Connect has a new utility available to assist you in this job. This routine uses the mileposts entered in the Station Master and attempts to calculate mileages for you. For more information on using this option please contact RMI Support.

### Train Master

The Train Master went through several major modifications in this release. Many of these are in preparation for the new Interline Service Management (ISM) options that will be made a part of future releases.

You can now copy a train by using the 'C' option from the train master list screen to rapidly create a new train. (*Project 8110*).

The new Edit Train Master screen appears as shown below:

RSB6E1R	GNRR	Edit Train Master	QPADEV0002	CHANGE
Train ID:	C&D WHSE	Description:	Work C&D and Richardson Steel	
Direction:	I	Train Type :	L	Morning Report Flag: (Y, ' ')
Transit Time:		Barge Indicator:	(Y, ' ')	
Origin Station:	11	Scheduled Departure Time:	300	
Destination Station:	11	Scheduled Final Arrival Time:	430	
Maximum Number of Cars:		Maximum Weight in Tons:		
Maximum Length:		Maximum Horsepower Per Ton:		
F3=Exit	F6=Schedule	F9=Instructions	F11=Delete	

You can now use the F9=Instructions options to enter repetitive free-form instructions to be applied each time this train master is used to create a new train.

You can use the F6=Schedule option to create a schedule for the train.

When you press F6=Schedule from the train master the screen appears as shown below:’

Train ID	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Effective Date	End Date
C&D WHSE									
*CURRENT									
Train Schedule									
? Train ID	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Effective Date	End Date
C&D WHSE	Y	Y	Y	Y	Y	Y	Y	9/01/02	

Bottom

l=Select C=Copy D=Delete E=Events F3=Exit F9=Add F10=Show All/Current

You can use this screen to set up the schedule for that train as well as the effective dates of that schedule.

## Classification Master

The Classification Master provides you a way to assign cars to tracks in a yard classification yard or hump yard. The table itself is used to maintain the relationship between the blocking point for the car and the tracks in a particular yard.

This new master file is reached by choosing option 5 from the Master File Menu. The Classification List screen appears as shown below:

RSGFEFR		GNRR		Edit Classification Tracks				QPADEV0002	
Station		Lead Track:		Category:					
? Station	Lead Track	Category	Switch To	Class	Track	Overflow	Track		
28	103	01	GEOPACIF YRD	009		009			
28	103	01	GEOPACIF1 YRD	009		009			
28	103	01	GEOPACIF2 YRD	009		009			
28	103	01	GEOPACIF3 YRD	009		009			
28	103	01	MEADCONT1 SPT	009		009			
28	103	01	MEADCONT2 Z21	009		009			
28	103	01	MEADCONT3 SPT	009		009			
28	103	01	ATOFINPET Z29	009		009			
28	103	01	BAD ORDER HVY	005		005			
28	103	01	BAD ORDER LGT	004		004			
28	103	01	CSXT-28 NEW	015		015			
28	103	01	CSXT-28 OLD	012		012			
28	103	01	CSXT-28 PLS	015		015			
28	103	01	CSXT-28 SLA	010		010			
28	103	01	BPSOLVAY SPT	009		009			
28	103	01	BPSOLVAY Z29	009		009			
									More...
D=Delete		F3=Exit		F6=Print		F9=Add			

The screen shows the tracks at each station and the associated Switch To that represents where the cars should be moved. For example, in the first line cars that are blocked to GEOPACIF YRD will be assigned to track 009.

When a classification list is built from the Yard Manager the cars will be assigned to tracks based on the table. When the list is completed the cars move to those tracks.

## Special Handling Master

The Special Handling Code master provides your road a means of identifying the Waybill Special Handling codes that are meaningful to you. You can also use this table to prioritize the way they will generate special instructions in the system.

When a waybill or consist with a special handling code is received for a car, IRCS-Connect will compare the code to those set up in your table. If a match is found IRCS-Connect will then generate the associated special handling codes for that car. If more than one code is found IRCAS-Connect will look to the priority associated with the special handling to determine which will be printed first.

The new Special Handling Code table can be reached by taking option 34 from the Master File menu. The new screen appears as shown below. (When you first begin using the system several Special Handling codes will appear by default).

RSGIEFR		GNRR		Special Handling Codes		
QPADEV0002						
	Code	Description	Create Special Instruc	Priority	Keep W/Car	Delete Special Instruc
?	HV	High Value Load	Y	10		Y
	HW	High Wide Load	Y	20		Y
	SH	Shiftable Load	Y	30		Y
	SR	Speed Restricted	Y	40		Y
	RSS	Restricted Speeds	Y	50		Y
	ED	Excessive Dimensions	Y	80		Y
	EW	Excessive Weight	Y	82		Y

D=Delete    F3=Exit    F9=Add

When you press F9 to add a new entry the screen appears as shown below:

RSGIEFR	GNRR	Special Handling Codes			QPADEV0002
		Create Special Instruc	Priority	Keep W/Car	Delete Special Instruc
Code	Description				
					More...
F3=Exit	F9=Change				

The New fields are:

**Code:** Special Handling Code. This code must be a valid code for the rail industry and when entered will be checked against the Special Handling Code reference file. When you enter the code the Description is completed from the master.

**Create Special Instructions:** If you enter a 'Y' in this field the system will automatically create a special instruction containing the Description shown for this car.

**Priority:** Enter the priority for this special handling code on your system. If multiple codes are found on the waybill, the system will choose which Special Handling code to print first based on the priority.

**Keep With Car:** Enter 'Y' in this field to instruct the system to maintain the Special Instructions with the car when the load/empty status changes.

**Delete Special Instructions:** Enter 'Y' in this field to instruct the system to maintain the Special

## Customer Master

The Customer Master went through several significant changes in this release. These include:

RSBKE1R	GNRR	Edit Customer Master	QPADEV0002	CHANGE
Customer . . :	AIRPROCHE SPT	Alternate Code . .	70002	
Parent . . .	AIRPROCHE Z25	Customer Type . .	T Transportation	
Demur. Parent	AIRPROCHE PCS	Misc Billing Parent	AIRPROCHE PCS	
Name . . . .	AIR PRODUCTS & CHEMICAL	Short Name	AIRPROCHE	
Address . . .	412 DAVIDSON			
City . . . .	PASADENA	State TX	Country	Zip 77501
Attention . .		Phone ( 713 )	920 - 7307 x	0000
CIF Number		Fax ( 713 )	920 - 7262	L/D
Credit . . .	Status	Credit	Freight Amount	Misc Amt
Default Station/Track			Exclude .	
Demurrage .	Unload UNLOAD-7	Load LOADING-7	Private Car	Siding Type
Account Number .			Notify: Interchange C	Arrival F
JDE Account Nbr .			Account Rep	
Online Station/Zone	25	SD	Milepost .	
ABA Number	Pickup Number		SCAC	Switch Extract T
EDI 214 Partner Flag				
Modified By: GNRRRLB Date: 10/03/02 Time: 13:52				
F3=Exit F4=Billing Cmnts F5=Operational Cmnts F6=Transprt Cmnts F11=Delete				
F7=Treasury Cmnts F8=Addtl Info F9=BMS F10=Synonyms F14=Inbnd Interchanges				
F17=Waybill Use F18=RWC Use F20=Serving Tracks F21=E-Mail Addresses				

Changes include:

**Online Station:** When tying customers to a station or track, you will now enter the online station id. Previously users entered the FSAC number.

**Notify Interchange:** Enter a 'C' in this field to constructively place the car when it is interchanged online for this customer. Enter 'N' to send a notification at interchange point.

## Work List Master

IRCS-Connect was enhanced to give users the ability to add Work Lists into a master file. This provides you the option of building a pattern for repetitive Work Lists that are used to run local trains or switching jobs. You can set up these jobs in the work list master and assign information to the job such as tracks or customers switched.

Available as option 29 from the Master Files menu, the new Work List master list screen appears similar to the example shown below:

RSOODFR		QA		Work List Master			
QPADEV000D							
Find: Work List		Date		Time		Total: 9	
Description							
?	Work List	Date	Time	Description	Tracks	Lck	
	CHF-S	9/11/02	5:00	CHICAGO - FRANKLIN TURN	2		
	CHICAGOLOC	9/09/02	8:00	CHICAGO LOCAL SWITCH	3		
	INDLOCAL	9/04/02	2:00	INDIANAPOLIS SWITCHER	0		
	LOCAL101	9/04/02	8:00	LOCAL CHICAGO SWITCHER	11		
	SWITCH2	9/04/02	8:00	LOCAL CHICAGO SWITCHER	11		

Bottom

1=Select    7=Tracks    C=Copy    P=Print    F5=Refresh    F9=Add New Master  
F3=Exit    F6=Add Master From Work List

Options include:

**1=Select:** Used to review the information for the Work List master.

**7=Tracks:** Used to assign tracks that are regularly switched by the job.

**C=Copy:** Used to copy one work list master to create a similar work list.

**F9=Add:** Used to add a new work list.

## Activity Indicator Master

The Activity Indicator is a new code that provides you with a means of flagging railcars for work to be completed. For example, you can use this table to instruct the system to generate an Activity of "PU" for "Pick Up" whenever a car is released loaded or empty from a customer.

This new activity indicator appears on reports or screens throughout the system. You can manually enter activity indicators, or you can use the Activity Indicator table to automatically generate this field when a certain movement event occurs.

The new Activity Code Master provides you the option to set up the system to automatically generate this code. To reach this new master, take option 35 from the Master File menu. The new screen appears as shown below.

RSNWDFR		GNRR		Edit Default Activity	
QPADEV0002					
-----					
Event R					
-----					
?	Event	Description	Default	Activity	O
	RAMP	Ramped			A
	RBG	Begin Reclaim			
	RBG7	Begin Reclaim 7			
	RBG8	Begin Reclaim 8			
	RBIL	Rebill			
	RB23	Begin Reclaim 23			
	RCPL	Released from Const Place			Y
	REBL	Rebilled/Reconsign/Respot			
	REJS		PU	Pull from Patron Siding	
	RL0D	Release Loaded	PU	Pull from Patron Siding	
	RLS	Released	PU	Pull from Patron Siding	
	RMTY	Release Empty	PU	Pull from Patron Siding	
	RND	End Reclaim			
	RRFS	Requested Release Fm Stor			
	RTAA				
					More...
5=Assign Other Activities F3=Exit					

The screen shows users all valid move types in the system. You can enter an Activity Indicator next to each move type to indicate the activity that should be generated when the event occurs. For example, the screen above shows an Activity Indicator of 'PU' for Pull next to the release moves. With the table set up this way each time a release is generated in the system the activity of "PU" for Pull will be generated.

Valid activity indicators in the system include:

AB	Air Brake Test
AP	Car is Actually Placed
AV	Advance Interchg Arrival
BA	Bleed Air Brakes
CP	Constructive Placement
GH	General Hold
IN	Mechanical Inspection
IP	Intra-Plant Movement
IT	Inter-Plant Movement
NO	Car Not Ordered
OB	Outbound Interchange
PL	Place at Patron Siding
PU	Pull from Patron Siding
RJ	Reject
RP	Repair Car
SA	Station Arrival
SB	Set Back to original pos
SD	Station Departure
SW	Switch Car
TR	Turn Car
TS	Storage
WG	Weigh Car-Patron Request

## Blocking Table Updates

The blocking tables available in the system underwent dramatic changes in this release. The principal changes include:

The loaded and empty tables have been combined into one.

You now have the ability to enter multiple car ranges per blocking rule.

Additional fields have been made a part of both the select and the apply sections of the table.

When you choose option 24 Blocking Table from the Master Files menu the new blocking menu appears as shown below:

RSNSPVR	GNRR	Select Blocking Category
		Category .
		1. Inbound EDI Blocking Rules
		2. Interchange Blocking Rules
		3. Blocking Station Rules
		4. Reverse Route Blocking Rules
		5. Inbound EDI 420 Blocking Rules
		6. Outbound EDI 420 Blocking Rules
		8. Automatic Charges

New Blocking Menu Options:

**1 Inbound EDI Blocking Rules:** Manages blocking rules for inbound 417 or 404 Bills of Lading, both loaded and empty.

**2 Interchange Blocking Rules:** Similar to option 2 above, this option reblocks the cars at inbound interchange point. Primarily used for roads where interchanges are often diverted and the cars must be reblocked based on that point.

**3 Station Blocking:** Used to reblock cars as they arrive at stations. Usually used by large railroads who class cars at intermediate switching points or yards.

**4 Reverse Routes:** Manages the reverse route blocking tables. Usually used for diverting cars to loading points or to handle SCO90 return routes.

**5 Inbound EDI 420 Blocking:** Used to take the inbound EDI 420 blocking instructions and translate the code into the railroad's own blocking code.

**6 Outbound EDI 420 Blocking:** Used to build an outbound Block Code to send to connecting carriers.

**8 Automatic Charges:** Used to build a table that will automatically generate charges when cars are moved from track to track or station to station. In particular this option is useful for generating charges for items such as in-plant switching, weighing, etc.

When you take the option to review an EDI Blocking Table entry the new list screen appears as shown below:

RSNDDFR		GNRR		Work with Blocking Rules		QPADEV0002	
Inbound EDI				DEFAULT: RWC			
Description		Order	Block To		CHECKINFO	BAD	Kind
			Switch		Ins		
*ALL*							
? Order	Description	RWC	Block To				
10	c/o GNRR AGENT CARS		GNRRAGENT		HLD		
20	GNRR AGENT CARS bal		GNRRMOPW		HLD		
30	High-Wide Loads		HIGHWIDE		HLD		
40	Overload Rule		OVERLOAD		HLD		
50	GNRR AGENT CARS		GNRRAGENT		HLD		
60	CSXT plastic - Ellen		CSXT-14		PLS		
70	CSXT plastic - Archerdale		CSXT-14		PLS		
80	CSXT Revenue Outboun		CSXT-28		NEW		
90	UP Revenue Outbounds		UP-28		UP		
100	Inland		TM-28		ATL		
280	scrap revenue Outbo		TM-28		ATL		
120	Locomotive Power	LOCOMOTIVE	LOCOMOTIV		PWR		
More..							
1=Change	3=Copy	6=Active/Inactive	D=Delete				
R=Resequenece	F3=Exit	F8=Default	F9=Add New Rule	F13=Active/Inactive/All			

The following options are new:

You can now use F13 to toggle between active and inactive blocking rules.

You can enter a '6' next to a blocking rule to toggle between active and inactive. This is a useful function to turn a blocking rule off for seasonal or car capacity reasons.

When you choose the option to enter a specific blocking rule the new screen appears as shown in the example below:

```

Inbound EDI                                     CHANGE
DESCRIPTION: CSXT PLASTIC                       ACTIVE/INACTIVE . . A (A,I)
Transport Method.                               Load/Empty. . . . . L
Origin City/State                               FSAC           Car Range Selected N
Dest City/State .   ELLEN                       GA FSAC
Route . . . . .
Dest Road in Route                             Pool ID . . . . .
STCC . . . . . 2821139   to 2821163           Foreign/Private . .
Weight . . . . .                               to           Weight Qual
Car Type . . . . .                             to           Method of Payment .
From: Road . . .                               Junction
Consignee . . . . .                           Name
Care of Party . .                             Name
Shipper . . . . .                             Name
Freight . . . . .                             Name
Notify . . . . .                              Name
                                                Traffic Type

                                                Unit/Multi Train.
                                                Activity.

PageDn=Apply Info   F3=Exit   F11=Delete Rule   F19=Select Car Ranges
  
```

Note the Following Changes:

The blocking screens have been divided into two sections. The first screen shows the ‘matching criteria’ for the rule. You can hit Page Down to see the information that will be applied if a match is found.

**Active/Inactive Flag:** You can now toggle a blocking rule between active and inactive. The flag in the upper right hand corner indicates the current status of the rule.

**Load/Empty:** You can now apply the same blocking rule to both loaded and empty cars. When the release is installed the two blocking rule categories will be merged into one. Users should review this table after the release and ensure the tables are ordered correctly. (You may have to resequence the rules as there could be overlapping numbers). Users should also take the opportunity to combine the load/empty rules into one if applicable.

**Car Ranges:** You can now use the F19 option to enter multiple car ranges to apply to a single rule.

When you hit Page Down the apply portion of the blocking rule appears as shown below:

```
RSNXPVR      GNRR      Edit Blocking Rule - Apply      QPADEV0002
Inbound EDI                                     CHANGE
DESCRIPTION: CSXT plastic - casey
          RWC . . . . .
            Full RWC Seed.
          Block To . . . . . CSXT-14  PLS
          Station/Track/Spot. 14
          Switch To . . . . . CSXT-14  PLS
          Switch Instr. . . .
          Serving Station . .
          Interchange Station
          Car Kind . . . . .
          Activity . . . . .
          Priority . . . . .
          To Be Weighed . . .
PageUp=Selection  F3=Exit  F11=Delete Rule
```

The following new fields have been made a part of the apply section:

Station/Track/Spot: To be used for railroads interchanging with CSXT or UP where ZTS is sometimes used for scheduling or blocking cars.

Switch To: New field which indicates an intermediate switching point for cars.

Serving Station: Sets the station that is used as the serving yard for the move.

Priority: AN 'A' entered in this field will flag a car as high priority.

Activity Indicator: Used to set the new Activity Indicator flag such as "SP" for SPOT or "PU" for pull.

To Be Weighed: Enter a "Y" to indicate the car should be weighed. This indicator has been made part of several screens throughout the system.

## **UTILITIES**

### **Rename Zone Utility**

A new option is available from the IRCS-Connect rename utilities. You can now use option 8 Replace Zone to change the name of a zone.