

Component Registry Webinar

Reporting Component Association

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Railinc



ASSOCIATION OF
AMERICAN RAILROADS



Association of Wheelsets

This session will cover detailed information about associating wheelsets to Equipment through all of the Component Registry enhanced systems.

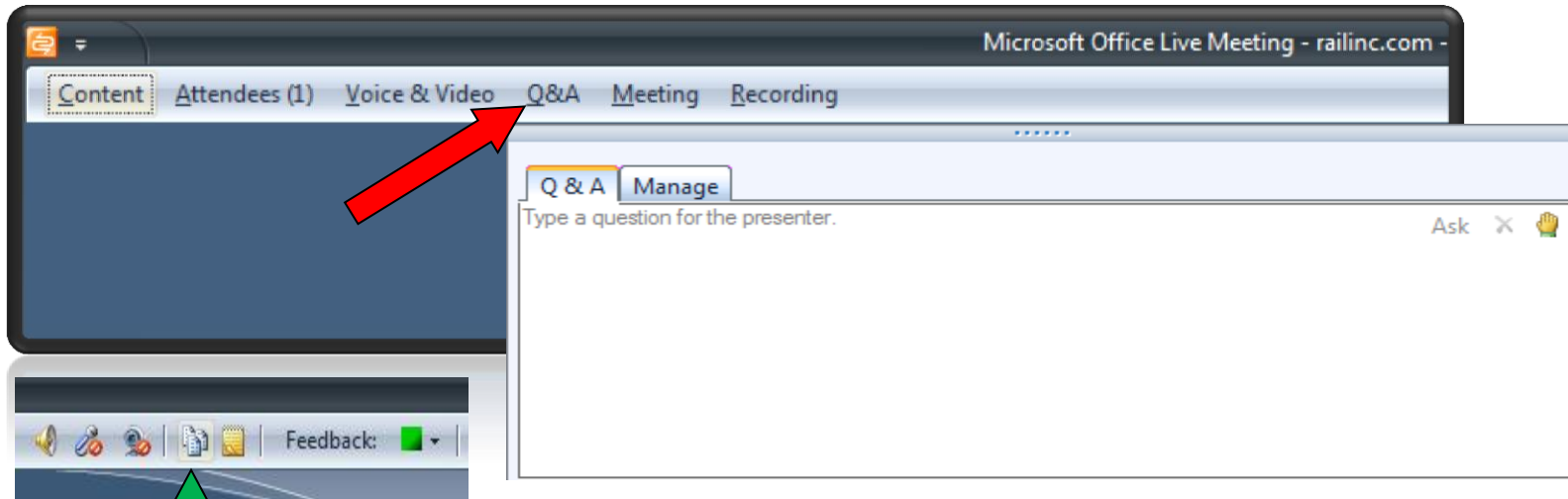
Thursday, August 30th, 2012

2 p.m. to 3 p.m. (ET)

Recommended for Repair Shops,
and New Car Builders



How to ask Questions



- All Webinar participant phone lines will be Muted during the call
- To ask a Question during the webinar select the Q&A button at the top of the Live Meeting window
- You may download the Presentation by selecting the Handout icon.
- The Presentation will also be posted on Railinc.com after the webinar



Information Online – www.railinc.com/cepm

Railinc Corporation | CEPM Project - Microsoft Internet Explorer provided by Railinc

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CEPM Program Overview

The Comprehensive Equipment Performance Monitoring (CEPM) program is a multi-phase, multi-year initiative to create a rail industry process and related technology tools for capturing data around railcar equipment components. CEPM will help railroads, rail equipment owners, repair and wheel shops, and other industry participants have a complete view of rail equipment health and performance. This will enable managers to make decisions that improve rail safety, lower the cost associated with equipment maintenance, and run more efficient and effective rail operations.

The program's first phase—CEPM-Wheelsets—centralizes the registration of wheelset component details and identifies the application of wheelset components, including AAR and non-AAR repairs. The component-level data created through the CEPM program will be available through Railinc's Umler™

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REFERENCE FILES

FindUs.Rail

Quickly find critical contacts from across the rail industry.



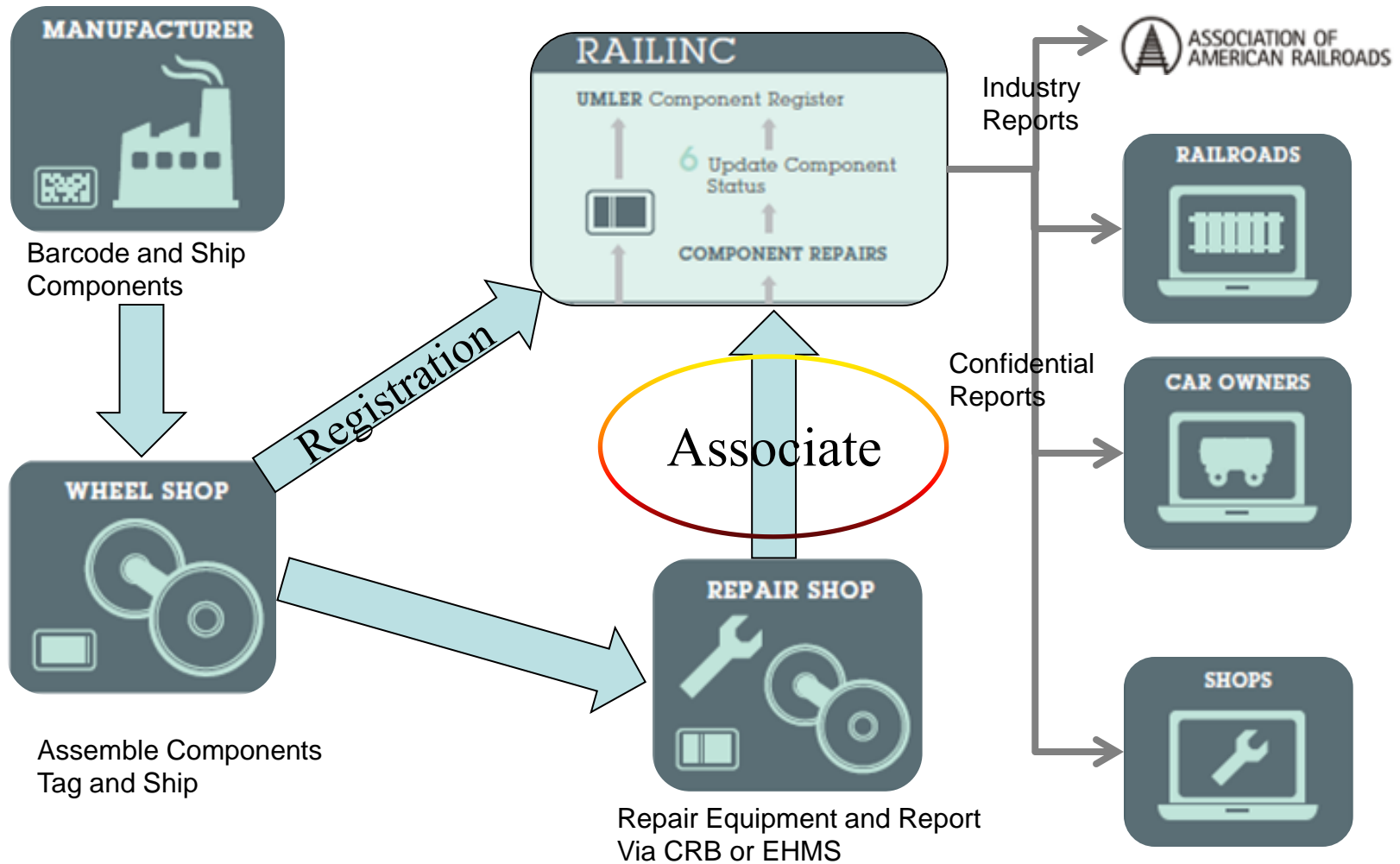
CEPM Component Tracking Objectives



- Support Recall of Components identified with safety issues
- Support equipment owners with details of components on their equipment
- Capability to track performance of components related to component life, failure rates, and history of the component.



CEPM-Wheelsets Process Flow





Methods of Association

Umler Component Registry

- Components can be registered, as well as associated to equipment
 - Car Builders can use a CSV upload process to associate batches of components to Equipment
 - Car Builders can also use Web Services to associate components to Equipment

Car Repair Billing

- Report the AAR Component ID within the CRB 500 byte format (Pos. 327-340)

EHMS

- Report AAR Component ID while reporting EHMS Alert Closure



Umler Component Registry Home page



Umler

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Welcome to Umler - Umler Equipment Management Information System

The Umler Equipment Management Information System is a mission-critical Rail Industry database and suite of applications that store and communicate data pertaining to the massive inventory of railway equipment used by the industry. The physical characteristics and restrictions of equipment, status and management information that are contained in Umler® are critical to the industry.

The communication of rail equipment data provides for the safe movement of traffic, smooth interchange of traffic between carriers and means to provide rail customers with the right pieces of equipment for their shipment.

News and Updates

Quarterly Outage Scheduled for Friday March 10

This outage will occur from 7pm to 9pm. During this time the application will be unavailable.

Umler Implementation moved to August 31

IMPORTANT NEWS: The Umler launch date has been postponed until August 31, 2009. Critical industry partners have requested additional testing to ensure that their systems will work seamlessly with the new Umler system's functionality. The industry has agreed unanimously to support this effort to make sure that everyone is ready for the system when the data switch occurs. All Umler system users are asked to review their readiness efforts and to take advantage of the free training opportunities offered by Railinc.

EMIS Release Information

The Equipment Management Information System (EMIS) project is a multi-phase, multi-year project to re-engineer Umler® and address limitations of the system.

Release: EMIS; Build-Label: jenkins-emis7-dev-455, Build-DateTime: 2012-08-29_10-01-37,

Use Spanish for error messages and properties

- [Release Notes](#)
- [Umler User Guide](#)
- [Umler Data Specification Manual](#)
- [Umler Change Request Form](#)

Single Equipment Lookup:

[Equipment units in conflict](#) : 147

Umler Contacts for RAIL :

External users are provided the following contacts when searching for RAIL Umler File Maintainers in Findus.Rail:

[Umler](#)
umler@railinc.com

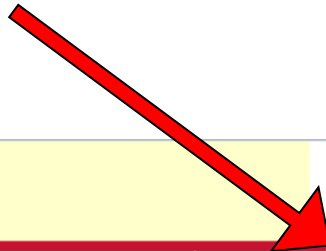
Umler Company Administrator(s) for RAIL Equipment, Pool, and Inspection Rights:

- [ANANTH SHANKAR](#)
- [Andrew Gill](#)
- [Andrew Smith](#)
- [Bini Desai](#)
- [Emis Auto](#)
- [Sheetal Kedia](#)
- [Barbara Scott](#)
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- [Bini Desai](#)
- [Bob Tyson](#)
- [David Summey](#)
- [Larry O'Neal](#)
- [Matt Cox](#)



Component Registry Association page

From Component Registry Menu:
- Select Association



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Associate Component

Upload CSV

Search for Equipment ID

Note: Use Nullify only to remove an association that was entered incorrectly. Use Associate to associate a component to a piece of equipment.

Equipment ID:



Wheelset Association

Associate Component | Upload CSV

Search for Equipment ID

Note: Use Nullify only to remove an association that was entered incorrectly. Use Associate to associate a component to a piece of equipment.

Equipment ID:

Equipment Group: IFLT Lessee: Equipment Type Code: S312
 Mechanical Designation: FC Truck Count: 2
 Umler Owner: RAIL Axle Count: 4

Select Component for Association

Component Type:

Components Associated to the Umler Record

Select	Component Type	Position From B End	AAR Component ID	Association Date	Performer	SPLC	Reporter	Component Details	Status
<input type="checkbox"/>	WHEELSET	1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
<input type="checkbox"/>	WHEELSET	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
<input type="checkbox"/>	WHEELSET	3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
<input type="checkbox"/>	WHEELSET	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		



Things to know about Association

- Component Registry maintains History of Component Associations
- Nullifying Associations is the same as saying “This Association Never Happened”
- Editing an Association creates a new historical Association
- Associations are “Carried Forward” to the new car Mark when a car is re-stenciled.
- Car Owners get access to the Component Association history for their fleet.



CRB Billing Repair Card

BRC Job Couplet

Car: NS 200000	Repair Date: 12-01-2010	Repaired At: 412750000
Total Charge: 2208.71	Status: Priced	
Invoice Number: Not Invoiced	Invoice Date: Not Invoiced	

Repair Information		
<u>Location on Car:</u> <input type="text" value="Z"/>	<u>Quantity [PM Max: 1]:</u> <input type="text" value="1.0"/>	<u>Condition Code:</u> <input type="text" value="1"/>
Applied Job Code: 3328	Applied Qualifier: <input type="text"/>	<u>Why Made Code:</u> <input type="text" value="09"/>
<u>Component ID:</u> <input type="text" value="RAIL1234567890"/>		
Removed Job Code: 3328	Removed Qualifier: <input type="text"/>	<u>Responsibility Code:</u> <input type="text" value="1"/>
Applied Job Code Description: NEW WHEEL SET 28 INCH, 6 X 11 AXLE		
Narrative: <input type="text" value="NEW WHEEL SET 28 INCH, 6 X 11 AXLE"/>		
Pricing Information		
Material Price: 1864.06	Labor Price: 86.56	Total: 1950.62
<input type="button" value="Done"/> <input type="button" value="Cancel"/> <input type="button" value="Add Next"/>		



EHMS example

Alert Closure Reporting

Notes:

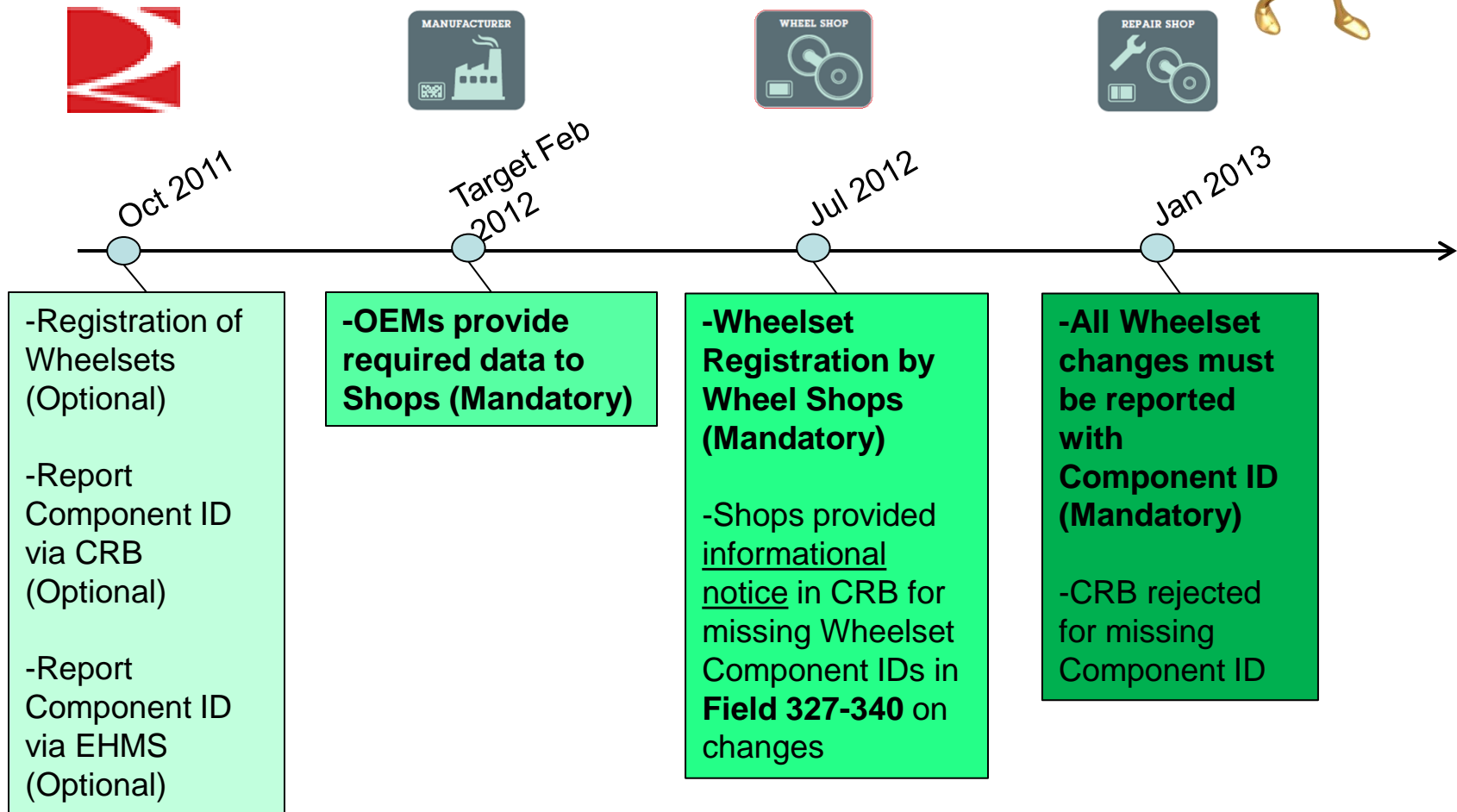
- Only an inspection can close a THD, TPDG or TPDL alert. Repairs do not close truck alerts.
- An ME inspection will not close an alert.
- Submitting an ABT will generate a billable charge.
- Submitting an ABT requires that the user have proper permissions within the Umler application.
- Component Tag ID should only be entered once per axle location and Equipment ID.

	Equipment		*Closure Made By	Closure Rptd By	*Closure Date	*SPLC	
	*Initial	*Number					
1.	<input type="checkbox"/>	<input type="text" value="RAIL"/>	<input type="text" value="0000123456"/>	<input type="text" value="RAIL"/>	<input type="text" value="RAIL"/>	<input type="text" value="11-10-2011"/>	<input type="text" value="123456"/>
		<input type="radio"/> Repair <input type="radio"/> Non AAR Repair <input type="radio"/> Inspection	Job Code <input type="text" value="3328"/>	Why Made Code <input type="text"/>	Location <input type="text" value="*AXLE 03"/>	Component Tag Id <input type="text" value="RAIL123456"/>	

Reporting a repair via Car Repair Billing will close an EHMS alert as well.



CEPM Industry Timeline





Need More Information

Call or email Railinc Customer Support:

1-877-724-5462

csc@railinc.com – *Registration / Association and Web Services setup*

www.railinc.com/cepm - *project website*