

264541

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1 264541



2 264541 NW-7RGJWY Red Highlight Trip with Errors

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3 Functional Overview

3.1 Client Requirement

In Trip Manipulation and Trip Planning highlight the Trips in red (in the Trip Tree) whenever there are errors in the Errors tab of the Trip Detail tab. Once these errors have been corrected (i.e. time windows corrected, currency set up etc) the Trip should no longer be highlighted in red.

3.2 Solution

Current Functionality around the Errors tab: ?Revalidate? button -> Any Trip Validation Errors will be shown in pop-up. Any Trailer Validation Errors will be shown after in a separate pop-up. Both errors will be displayed together in ?Errors? tab. ?Recalculate? button or right-click ?Set Status? -> Trip and Trailer validation occurs but are not shown in any pop-up. These are only displayed in the ?Errors? tab. ?Save? button -> Only trailer validation done on a Save and only displayed in errors tab, not in pop-ups. Trailer will only be validated on a Save if it hasn't already been validated during clicking of buttons Revalidate/Recalculate. If the Trailer isn't valid the error tab will be updated with the trailer error, however if the trailer doesn't cause a conflict the tab errors remain as is.

Text in ?Errors? tab will only show the first 256 characters, as this is the length of field SCH_TRIP.LAST_ERROR in the database.

Issue with current functionality that may impede the requested Red high-light functionality: If there is an error regarding the trailer type in the errors tab, and the users changes the trailer type to a valid one and does a ?Save?, the previous error around the trailer will remain displayed on the tab. This is because during a Save the tab will only get updated if the trailer is not valid. Therefore if the red high-light functionality was included, this trip would display red as there is an error in the ?Errors? tab even though the user has rectified the Trailer Type.

Another issue is, if the user edits a trip e.g. changes the time at stops so that a delivery window was missed, and clicks ?Save? the trip will not be validated as only the trailer is validated on a ?Save? if it has been flagged to be validated. This would then show no errors in the ?Errors? tab and the trip would not be high-lighted red to show a conflict.

Both these issues would be resolved if the user always used ?Revalidate? button before a ?Save? however this can not always be guaranteed. Therefore, as part of this RIO, a ?Save? will validate the Trip and Trailer. Full details in next section.

New Functionality: The TRIP_PLAN and TRIPSUM screens will be updated to include the following: ? Trip Validation performed on a ?Save? ? Any validation errors returned during a ?Save? will be displayed on the ?Errors? tab as is currently, however if no errors occur during a ?Save? then the ?Errors? tab will be cleared to reflect this ? When each form is opened the Trip Tree will have Trips with errors in the ?Errors? tab with the trip icon high-lighted Red ? During ?Revalidate?, ?Recalculate?, ?Set Status? or ?Save? the ?Errors? tab will be checked to see if there are any errors displayed here. The current trip icon will then get updated to be red or not, depending on whether an error occurs during one of these processes.

3.3 Scope

This change will be applied to system version on EURTST and once approved EURPRD.



4 Functional Description

The colour of the truck icon displayed in the trip tree in the Trip Manipulation And Trip Planning screens will be controlled by the contents of SCH_TRIP.LAST_ERROR. If this field is populated then the truck icon will be displayed in RED. The contents of this field are visible on both screens in the small comments tab pages as displayed below

The screenshot displays the Oracle Trip Manipulation interface. On the left, a trip tree lists several trips, with the first one highlighted. The main area shows trip details for MAN-00461480, including fields for Owing Depot, Cost Centre, Carrier, Driver, Status, Trip Ref, Seal No, Vehicle, Crew 1, Crew 2, Delivery Type, and Last updated. A comments tab is active, showing a message: "Break at stop 1 should be 45 minutes." The bottom section shows a table of trip details with columns for OMS, Customer, Booking Ref, From, To, Collect From, Until, Deliver From, Until, Weight, and RPE.

OMS	Customer	Booking Ref	From	To	Collect From	Until	Deliver From	Until	Weight	RPE		
994427	PZC		PZCUSALF4	Salford_PZC_M7 3	EXELWHIT	Whitwood_DHL Wh	15/05/09 05:00	05:30	15/05/09 05:40	06:00	11.01	
994428	PZC		EXELWHIT	Whitwood_DHL Wh	PZCUSALF4	Salford_PZC_M7 3	15/05/09 05:00	05:30	15/05/09 05:40	06:00	11.01	
994408	BURTONS		DHLTHET	Thetford_DHL Thetf	EXELBAWT	Bawtry_Excel Bawtry	15/05/09 00:00	00:00	15/05/09 00:00	00:00	52	1.00

To ensure that the LAST_ERROR field is always displaying the correct information we will add in more calls to validate the trip. If a user has corrected an error and saves the data, this would not clear the error from the LAST_ERROR field. To address this issue, the trip will be validated during the following actions.

? SAVE ? SET STATUS ? RECALCULATE

After the revalidation has completed and the changes saved, the contents of the LAST_ERROR field will be stored in a variable.

If the variable is not null, the existing Truck icon will be replaced with a red Truck icon.



5 References

Ref. No.	Document Title & ID	Version	Date
	EST-264541 NW-7RGJWY Red Highlight Trip with broke cons v0.1.doc		11/05/09



6 Document History

Version	Date	Status	Reason	Initials
0.1	11/05/09	Draft	Initial version	SW
1.0	29/05/09	Issue	Reviewed and Issued	MJC



7 Authorised By

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