292354 v1.0

Contents

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DHL C-TMS

Visability of PLUTO Route Code

FUNCTIONAL SPECIFICATION - 10.7

18/10/11 - 1.0
Reference: 292354 PM-8LZMNU

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1.1 Client Requirement

Change Request Summary:

Execution - Visibility of PLUTO route code (BELL DD1/1).

Change Request Details:

Execution - Visibility of PLUTO route code (BELL DD1/1) in Trip Manipulation, Debrief, Trip Overview. Keep empty stops with no activity. Navigate to debrief from Trip Manipulation.

Benefits identified as a result of the change:

Solution design requirement.

1.2 Solution

The PLUTO route code will be received in the TripOrder XML file in the ?ROUTE_CODE? item in the ?TRIP_DETAIL? section at the trip header level and stored on the Trip Header database table in C-TMS.

The PLUTO route code will be displayed in the ?Trip Manipulation?, ?Trip Overview? and ?Trip Debrief? screens.

A system parameter will be used to determine whether the route code of the trip should be included in the trip tree name in the ?Trip Manipulation? screen, and in the trip name in the ?Trip Debrief? screen, and which format is used (e.g. trip ID before or after route code).

The route code will be included as a configurable item in the ?Trip Overview? screen to be displayed adjacent to the ?Trip ID? column.

It will be possible to call the ?Trip Debrief? screen from the ?Trip Manipulation? screen via a right-click option in the trip tree. N.B. The ?Trip Manipulation? form will need to be refreshed upon return from the ?Trip Debrief? form in case any changes have been made.

A new system parameter will be introduced to prevent the deletion of empty trip stops during processing.

1.3 Scope

This change will be applied to system version 10.7.0

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2 Set-up

2.1 Pre-requisites

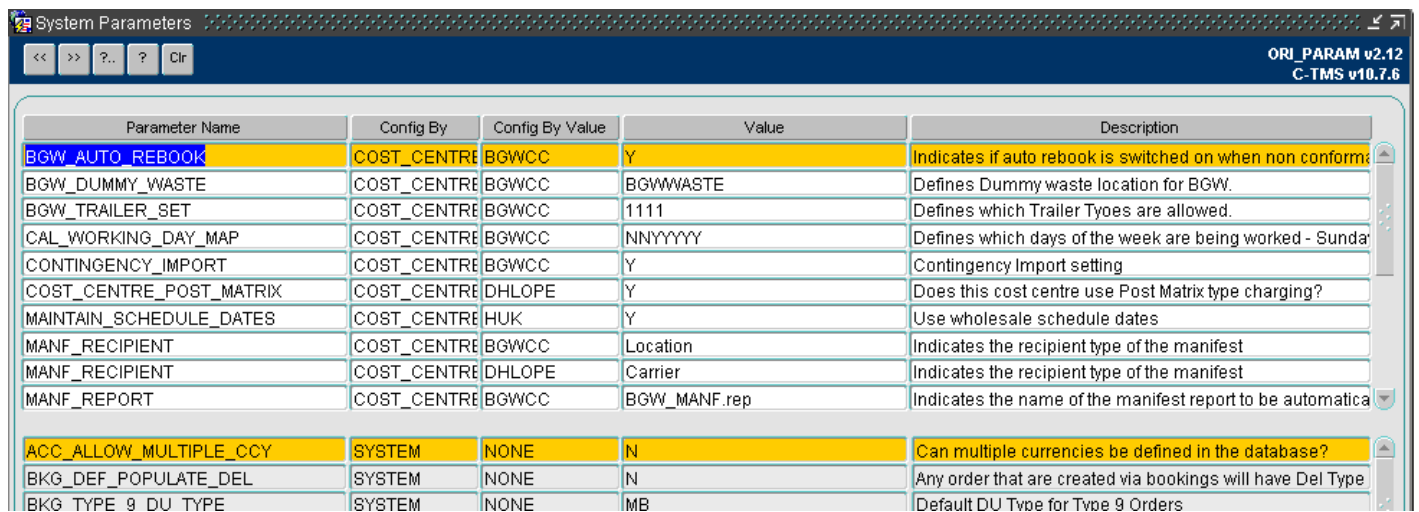Preventing the deletion of empty stops will be covered in RIO 292349 PM-8L2MAN Pluto C-TMS Integration.

2.2 Menu Structure

Unchanged

2.3 Data

2.4 Implementation Advice

A super user will be required to set the values of the 2 new COST_CENTRE parameters TRM_TRIP_TREE and TRM_TREE_FORMAT. This can be done using the system parameter maintenance screen

Parameter Name	Config By	Config By Value	Value	Description
BGW_AUTO_REBOOK	COST_CENTRE	BGWCC	Y	Indicates if auto rebook is switched on when non conforma
BGW_DUMMY_WASTE	COST_CENTRE	BGWCC	BGWWASTE	Defines Dummy waste location for BGW.
BGW_TRAILER_SET	COST_CENTRE	BGWCC	1111	Defines which Trailer Tyoes are allowed.
CAL_WORKING_DAY_MAP	COST_CENTRE	BGWCC	NNYYYYY	Defines which days of the week are being worked - Sunda
CONTINGENCY_IMPORT	COST_CENTRE	BGWCC	Y	Contingency Import setting
COST_CENTRE_POST_MATRIX	COST_CENTRE	DHLOPE	Y	Does this cost centre use Post Matrix type charging?
MAINTAIN_SCHEDULE_DATES	COST_CENTRE	HUK	Y	Use wholesale schedule dates
MANF_RECIPIENT	COST_CENTRE	BGWCC	Location	Indicates the recipient type of the manifest
MANF_RECIPIENT	COST_CENTRE	DHLOPE	Carrier	Indicates the recipient type of the manifest
MANF_REPORT	COST_CENTRE	BGWCC	BGW_MANF.rep	Indicates the name of the manifest report to be automatica
ACC_ALLOW_MULTIPLE_CCY	SYSTEM	NONE	N	Can multiple currencies be defined in the database?
BKG_DEF_POPULATE_DEL	SYSTEM	NONE	N	Any order that are created via bookings will have Del Type
BKG_TYPE_9_DU_TYPE	SYSTEM	NONE	MB	Default DU Type for Type 9 Orders

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3 Functional Description

3.1 Trip Screens

Pluto Route code will be received via EDI and stored in the existing ROUTE_CODE field in the trip table (SCH_TRIP). This field is currently displayed in the Trip Detail tab on both the Trip Manipulation and Trip Planning screens.

Based on the values of 2 new cost centre parameters, the route code will be added to the label in the Trip Tree.

The new cost centre parameter TRM_TREE_ROUTE will be set to Y or N to indicate if the route code should be displayed in the Tree label. The second cost centre parameters TRM_TREE_FORMAT, will define how the route code is displayed in the tree label.

There will be two possible formats the user is able to select : ?TRIP_ROUTE? and ?ROUTE_TRIP?. If the user enters any other value, the system will treat the format as ?ROUTE_TRIP?. If the TRM_TREE_ROUTE is set to ?Y? and TRM_TREE_FORMAT is blank, the system will treat the format as ?ROUTE_TRIP?.

TRM_TREE_ROUTE	Tree Label
ROUTE_TRIP	START_TIME| |ROUTE_CODE| |TRIP_ID| (|TRIP_STATUS|)
TRIP_ROUTE	START_TIME| |TRIP_ID| |ROUTE_CODE| |(TRIP_STATUS)|

3.2 Trip Overview (Waterfall)

The route code field will be added as a configurable item, available in each Trip block of the waterfall screen. By selecting Preferences, the user is able to define which status each block relates to. There are fields which are only available as configurable items for certain status, Route_Code however, will be available as a configurable item in all Trip type blocks.

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3.3 Trip Debrief

The trip name data is displayed in the TRIP_WATERFALL field, a drop down list located at the top of the screen. The format of the field is set when the form is opened.

The field format will be changed based on the values of the 2 new cost centre parameters created for formatting the label in the trip tree.

Developer Notes If TRM_TRIP_TREE is set to ?Y?, the ROUTE_CODE will be included in the TRIP_WATERFALL field, either before or after the TRIP_ID based on the setting of the TRM_TREE_FORMAT parameter.

Currently, users are able to select a record in the Waterfall screen and right click to open the Trip Debrief screen for the selected record. There is code which opens the Trip Debrief screen and sets the TRIP_WATERFALL field based on the selected record. This code will require amendment to ensure the TRIP_WATERFALL is set to the required format.

A similar function will be added from the Trip Manipulation screen, where the user will select a record in the trip tree and from the right click menu, launch the Trip Debrief screen. This will work in the same way the Trip Debrief screen opens from the Waterfall screen.

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When the Trip Debrief screen is displayed, the TRIP_WATERFALL field is disabled and set to the selected record from the previous form. Users are able to debrief the selected trip and save the changes before closing the Debrief screen and returning to the calling form.

When the user has selected the Trip Debrief screen from the Trip Manipulation screen, on return to the Trip Manipulation screen, the trip record will be updated to reflect any changes made in the Trip Debrief screen.

If the user has made changes in the Trip Manipulation screen before they select the Debrief screen, they will be forced to commit or cancel the changes before they are able to open the debrief screen. This will prevent locking issues between the forms.

Developer Notes: On return to the Trip Manipulation screen, you will need to indentify the trip you had originally selected and set it as the current record . To refresh the data, you will mimic the code behind the refresh_trip command button in the toolbar. Before allowing users to open the Trip debrief screen, they must be forced to commit any changes they have made in the Trip Manipulation screens.

Table Updates Required

No table changes are required for this development

Modules to be changed

Module Name	Module Type	Notes
TRIPSUM.fmb	Trip Manipulation	Change to Trip tree and debrief option
TRIP_PLAN.fmb	Trip Planning	Change to Trip tree and debrief option
TRIP_OVERVIEW.fmb	Waterfall Screen	Add route code to configurable items
TRIPDTL.fmb	Trip Debrief Screen	Change the format of the TRIP_WATERFALL field
EXECUTION.fmb	Trip Execution screen	Add route code to configurable layout

References

Ref No	Document Title & ID	Version	Date
1	EST-292354 PM-8LZMNU Visibility of PLUTO Route Code v1.0	1.0	11/10/2011

Glossary

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Term or Acronym	Meaning
C-TMS	Calidus TMS

Document

Version	Date	Status	Reason	Initials
0.1	14/10/2011	Draft	Initial version	SEW
0.2	18/10/2011	Draft	Reviewed	MJC
1.0	18/10/11	Issue	Issued	MJC

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