291369 v2.0

Aptean Ltd
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1 291369

aptean

DHL C-TMS

Develop Driver's Manifest

FUNCTIONAL SPECIFICATION - 10.7

21/10/11 - 2.0
Reference: 291169 AR-8KNK2F

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1.1 Client Requirement

Change Request Summary:

ManifestPaul McGoran/Manchester/UK/NFC

Change Request Details:

Develop Driver?s Manifest/POD and allow output to be emailed / faxed / printed to carrier or fleet base location.

Benefits identified as a result of the change:

Required for Implementation

1.2 Solution

Data Set up:

The name of the drivers manifest must be setup in the MANIFEST_NAME system parameter with the appropriate cost centre value. The value of the manifest name will be NR_DRIVER_MAN. This will then control which manifest is sent when the trip is set to ACCEPTED. The details of email addresses/fax numbers should be stored against the Carrier in the message maintenance form. The manifest should be produced when:

- The trip is set to ACCEPTED via the Single and Brief/Combine and Brief functionality in Carrier Trip Planning
- The right click Brief Trip option in Carrier Trip Planning
- The right click Re-Brief Trip option in Carrier Trip Planning
- The Status of the trip is set to ACCEPTED in Trip Manipulation, Trip Planning, Execution

The necessary functionality to produce the manifest already exists within the Carrier Trip Planning Form, Trip Manipulation, Trip Planning, Execution in addition whenever the Trip status changes to ACCEPTED and no change is needed as part of this RIO.

Drivers Manifest:

A PDF format ?Drivers Manifest report? (NR_DRIVER_MAN) will be developed. It is understood there is no requirement to produce this report in an MS Excel format. The new report will be produced via a database package MSG_CONSTRUCTOR. The code to produce and reformat the manifest into the correct format for emailing or sending via zetafax already exists in this package and will not require amendment.

Source data fields are:

1. Journey Number = Concatenated Schedule date-Trip-Order
2. EFX Number = sch_trip.EFX number
3. Haulier = Assigned carrier name
4. Briefed On = Action date (Status change to ACCEPTED)
5. Briefed by = Action By from sch trip audit
6. Collection Details = Address Details of the From Loc
7. Delivery Details = Address Details of the To Loc
8. Collection Site Notes = GEO Location from Comments
9. Delivery Site Notes = GEO Location to Comments
10. Order Number = OMS ref of each order at this stop
11. Item number = sch_ord_items item identifier
12. Length = sch_order_line.length
13. Product description = sch_ord_items.item_description
14. Qty = sch_order_line.quantity
15. Weight = sch_order_line.weight
16. Quantity Collected sch_order_line.actual_quantity

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The order details can be processed over numerous pages as shown in the examples, the Comments and hours worked etc will only be displayed on the last page of the manifest.

The report will also be available to run from the Reports screen and may be run for the following values

- Carrier Name
- Group Name
- Customer
- From Sched
- To Sched
- Trip Id
- Owning Depot

The report should be built to include these values as filters in the report.

1.3 Scope

This change will be applied to system 10.7.0

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2 Set-up

2.1 Pre-requisites

None

2.2 Menu Structure

?Unchanged?

2.3 Data

A new record will be added to the REP_REPORT table and the REP_REPORT_PARAM table.

Name	NR_MANF
Report_Type	REP
Filename	NR_DRIVER_MAN.rep
Printer_type	Laser
Orientation	Portrait

7 new records will be added to the REP_REPORT_PARAM table allowing the report to be run for a specific trip_id, from and to schedules, customer, carrier, group name and owning depot.

Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_FFCHAR1
Param_Name	TRIP_ID
Conditional	O
Param_Title	Trip ID

Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_SELECT_LIST1
Param_Name	P_START_SCHED
Conditional	O
Param_Title	From Schedule
Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_SELECT_LIST2
Param_Name	P_END_SCHED
Conditional	O
Param_Title	To Schedule
Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_SELECT_LIST3
Param_Name	P_CUSTOMER
Conditional	O
Param_Title	Customer
Param_Title	Carier
Report_Name	NR_MANF

Report_Type	REP
Param_Type	PG_SELECT_LIST4
Param_Name	P_CARRIER
Conditional	O
Param_Title	Carrier

Param_Title	Group Name
Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_SELECT_LIST5
Param_Name	P_GROUP_NAME
Conditional	O
Param_Title	Group Name

Param_Title	Owning Depot
Report_Name	NR_MANF
Report_Type	REP
Param_Type	PG_LOV1
Param_Name	P_DEPOT
Conditional	O
Param_Title	Owning Depot

The SQL_STRING column for all of the above columns other than the TRIP ID should be populated with the SQL statement required to produce the required list of values for the Report Form.

2.4 Implementation Advice

A new cost centre based system parameter will be created and will need to be set by a system super user to specify the report name for the manifest.

PARAM_NAME	MANIFEST_NAME
VALUE	NR_DIRVER_MAN
DESCRIPTION	Indicates which manifest report to distribute based on the cost centre of the trip.
CONFIG_BY	COST_CENTRE
CONFIG_BY_VALUE	NRCC

A super user will also be required to provide access to the report to the relevant user groups. This will be done using the Access Control screen.

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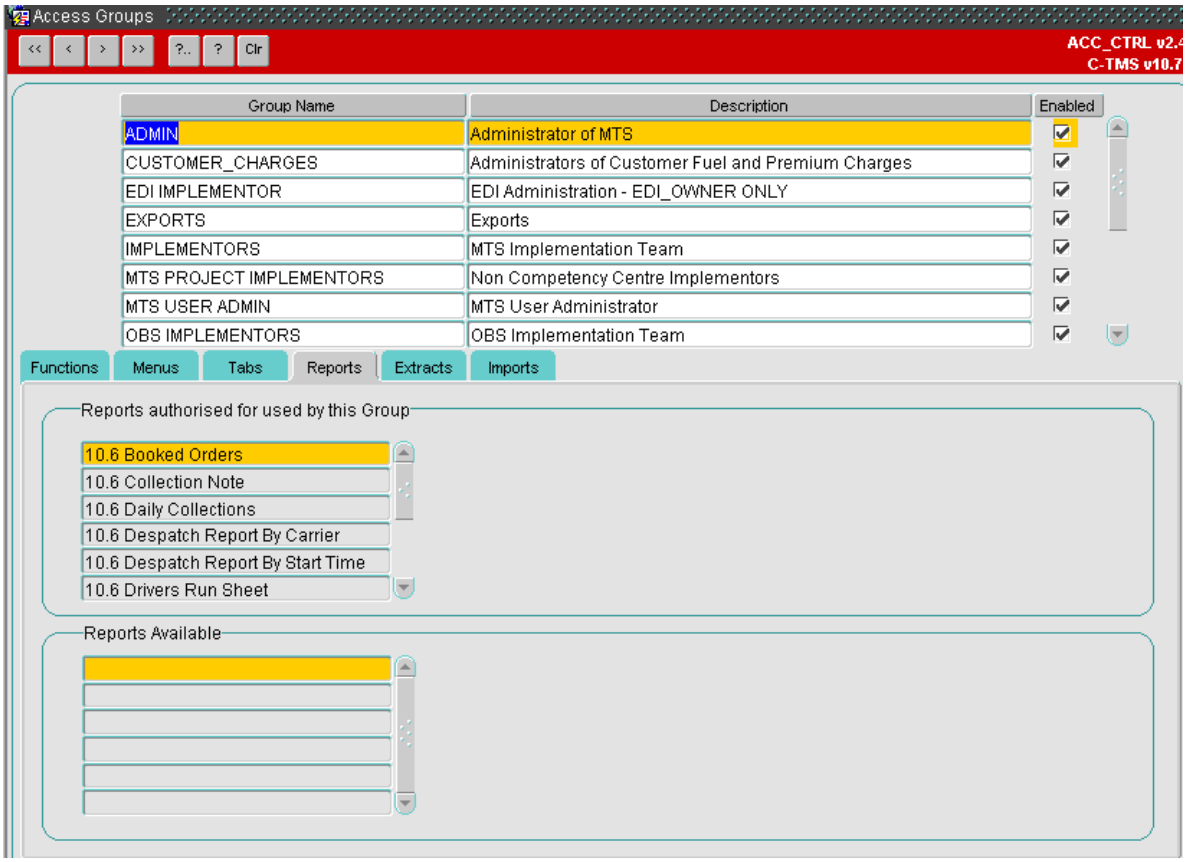

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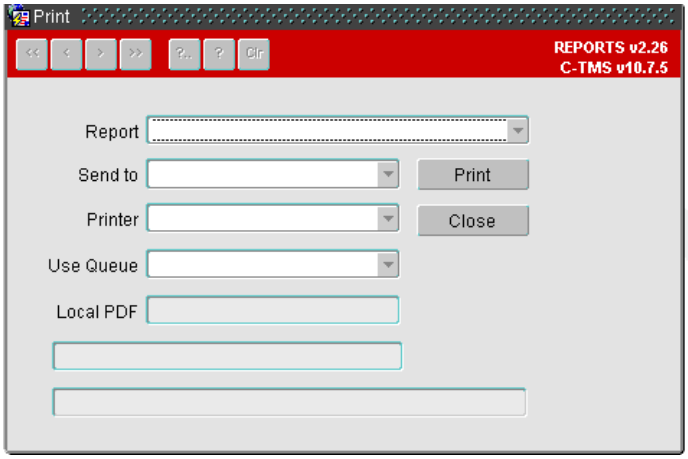
3 Functional Description

3.1 Report Design

The report will be created using Oracle Reports and will be available to run on an ad-hoc basis from the Reports screen in C-TMS. When running the report from this screen, the user will be able to select records using TRIP_ID, SCHEDULE_FROM, SCHEDULE_TO, CUSTOMER, CARRIER ID, GROUP NAME and OWNING_DEPOT.



The report will be written as a header/ detail report, where the header will display Trip and stop information and the details will display the order information from each stop on the trip. Each stop will represent a new manifest.

The format of the report will be based on the existing NR Manifest.

JOURNEY NUMBER	SCH_TRIP.SCHED_NAME	-	SCI
EFX NUMBER	SCH_TRIP.EFX_NUMBER		
HAULIER	SCH_TRIP.CARRIER_ID		
BRIEFED_ON	SCH_TRIP_AUDIT.ACTION_DATE (trip status changed to ACCEPTED)		
BRIEFED_BY	SCH_TRIP_AUDIT.ACTION_BY (trip status changed to ACCEPTED)		
COLLECTION_DETAILS	GEO_LOCATION (where location_id = sch_ord.from_loc joined by sch_trip_stop and sch_haulage_activity)		
DELIVERY_DETAILS	GEO_LOCATION (where location_id = sch_ord.to_loc joined by sch_trip_stop and sch_haulage_activity)		
COLLECTION_SITE_NOTES	GEO_LOCATION.COMMENTS(where location_id = sch_ord.from_loc joined by sch_trip_stop and sch_haulage_activity)	SCH_ORD_INFORMATION.FROM_LOC_COMMENT	
DELIVERY_SITE_NOTES	GEO_LOCATION.COMMENTS(where location_id = sch_ord.to_loc joined by sch_trip_stop and sch_haulage_activity)	SCH_ORD_INFORMATION.TO_LOC_COMMENT	

The delivery and collection notes will be based on a concatenation of specific location comments held at location level and order location comments held at the order level.

The header will also include the DHL and NR logos. And may consist of a number of pages depending how many orders are present at each stop. The number of hours worked and signature boxes will only be displayed on the last page of each report.

The following data will be selected and displayed for Orders:

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ORDER NUMBER	SCH_ORD.OMS_REF
ITEM_NUMBER	SCH_ORD_ITEMS.ITEM_NUMBER
LENGTH	SCH_ORDER_LINE.FOOTPRINT
PRODUCT DESCRIPTION	SCH_ORD_ITEMS.ITEM_DESCRIPTION
QTY	SCH_ORDER_LINE.QUANTYITY
WEIGHT	SCH_ORDER_LINE.WEIGHT
QUANTITY COLLECTED	SCH_ORDER_LINE.ACTUAL_QUANTITY

Samples of the existing report are shown below

Cover Sheet Single

DHL Planning Centre
500 Station House, Elder Gate, Milton Keynes Central
MK9 1BB. Tel: 01908 723 600 mob: 07540 301630

Manifest/POD

Journey Number:	<ETHOS>	Vehicle Type:	<ETHOS>	Drop Number:	1 of 1	Banksman	☐	PTS	☐
EFX Number:	<ETHOS>	Briefed by:	<ETHOS>	Page:	1 of 1	Dangerous Goods	☐	HIAB	☐
Haulier:	<ETHOS>	Date briefed:	<ETHOS>			Vehicle Escort	☐		

Collection Details		Collection Number: <Ethos>		Delivery Details			
		Plan	Actual			Plan	Actual
<Site name - Collection>	Collection Date:	<ETHOS>		<Site name - Delivery>	Collection Date:	<ETHOS>	
<Site address 1 - Collection>	Collection Time:	<ETHOS>		<Site address 1 - Delivery>	Collection Time:	<ETHOS>	
<Site address 2 - Collection>				<Site address 2 - Delivery>			
<Site address 3 - Collection>	Sign			<Site address 3 - Delivery>	Sign		
<Post code - Collection>	Print			<Post code - Delivery>	Print		
<Contact name and Number>	Date			<Contact name and Number>	Date		
Collection Site Notes:				Delivery Site Notes:			

#	Order Number	Item Number	Length	Product Description	Qty	Weight	Quantity Collected
1							
2							
3							
4							
5							
6							

Please detail any further comments/incidents, including reasons for demurage incurred	No. of Hours Worked on behalf of Network Rail:	
	Hours of Demmurage Claimed:	
	Self Signed: ☐	
	Approver if Self Signed:*	
	*Self Signed POD's without a Planning Centre Approver will not be processed.	

Any services provided as a result of this request will be governed by the terms of the Carrier Agreement or DHL's Terms of Transport, whichever has been provided to you. Where one has not been previously provided, this request will be governed by DHL's Terms of Transport which is available from the DHL Planning Centre on request.

Cover Sheet2 Delivery

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DHL Planning Centre
500 Station House, Elder Gate, Milton Keynes Central
MK9 1BB. Tel: 01908 723 600 mob: 07540 301630

Manifest/POD

Journey Number:	<ETHOS>	Vehicle Type:	<ETHOS>	Drop Number:	1 of 2	Banksman	☐	PTS	☐
EFX Number:	<ETHOS>	Briefed by:	<ETHOS>	Page:	1 of 2	Dangerous Goods	☐	HIAB	☐
Haulier:	<ETHOS>	Date briefed:	<ETHOS>			Vehicle Escort	☐		

Collection Details		**Collection Number:**	**<Ethos>**	**Delivery Details**			
		Plan	Actual			Plan	Actual
<Site name - Collection>	Collection Date:	<ETHOS>		<Site name - Delivery>	Collection Date:	<ETHOS>	
<Site address 1 - Collection>	Collection Time:	<ETHOS>		<Site address 1 - Delivery>	Collection Time:	<ETHOS>	
<Site address 2 - Collection>				<Site address 2 - Delivery>			
<Site address 3 - Collection>	Sign			<Site address 3 - Delivery>	Sign		
<Post code - Collection>	Print			<Post code - Delivery>	Print		
<Contact name and Number>	Date			<Contact name and Number>	Date		
Collection Site Notes:				Delivery Site Notes:			

#	Order Number	Item Number	Length	Product Description	Qty	Weight	Quantity Collected
1							
2							
3							
4							
5							
6							

Please detail any further comments/incidents, including reasons for demurage incurred	No. of Hours Worked on behalf of Network Rail:	
	Hours of Demmurage Claimed:	
	Self Signed: ☐	
	Approver if Self Signed:*	
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DHL Planning Centre
500 Station House, Elder Gate, Milton Keynes Central
MK9 1BB. Tel: 01908 723 600 mob: 07540 301630

Manifest/POD

Journey Number:	<ETHOS>	Vehicle Type:	<ETHOS>	Drop Number:	2 of 2	Banksman	☐	PTS	☐
EFX Number:	<ETHOS>	Briefed by:	<ETHOS>	Page:	2 of 2	Dangerous Goods	☐	HIAB	☐
Haulier:	<ETHOS>	Date briefed:	<ETHOS>			Vehicle Escort	☐		

Collection Details		**Collection Number:**	**<Ethos>**	**Delivery Details**			
		Plan	Actual			Plan	Actual
<Site name - Collection>	Collection Date	<ETHOS>		<Site name - Delivery>	Collection Date:	<ETHOS>	
<Site address 1 - Collection>	Collection Time	<ETHOS>		<Site address 1 - Delivery>	Collection Time:	<ETHOS>	
<Site address 2 - Collection>				<Site address 2 - Delivery>			
<Site address 3 - Collection>	Sign			<Site address 3 - Delivery>	Sign		
<Post code - Collection>	Print			<Post code - Delivery>	Print		
<Contact name and Number>	Date			<Contact name and Number>	Date		
Collection Site Notes:				Delivery Site Notes:			

#	Order Number	Item Number	Length	Product Description	Qty	Weight	Quantity Collected
1							
2							
3							
4							
5							
6							

Please detail any further comments/incidents, including reasons for demurage incurred	No. of Hours Worked on behalf of Network Rail:	
	Hours of Demmurage Claimed:	
	Self Signed: ☐	
	Approver if Self Signed:*	
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Cover Sheet Single Many Prod

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DHL Planning Centre
500 Station House, Elder Gate, Milton Keynes Central
MK9 1BB. Tel: 01908 723 600 mob: 07540 301630

Manifest/POD

Journey Number:	<ETHOS>	Vehicle Type:	<ETHOS>	Drop Number:	1 of 1	Banksman ☐	PTS ☐
EFX Number:	<ETHOS>	Briefed by:	<ETHOS>	Page:	1 of 2	Dangerous Goods ☐	HIAB ☐
Haulier:	<ETHOS>	Date briefed:	<ETHOS>			Vehicle Escort ☐	

Collection Details		**Collection Number:**	**<Ethos>**	**Delivery Details**			
		Plan	Actual			Plan	Actual
<Site name - Collection>	Collection Date	<ETHOS>		<Site name - Delivery>	Collection Date:	<ETHOS>	
<Site address 1 - Collection>	Collection Time	<ETHOS>		<Site address 1 - Delivery>	Collection Time:	<ETHOS>	
<Site address 2 - Collection>				<Site address 2 - Delivery>			
<Site address 3 - Collection>	Sign			<Site address 3 - Delivery>	Sign		
<Post code - Collection>	Print			<Post code - Delivery>	Print		
<Contact name and Number>	Date			<Contact name and Number>	Date		
Collection Site Notes:				Delivery Site Notes:			

#	Order Number	Item Number	Length	Product Description	Qty	Weight	Quantity Collected
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							

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DHL Planning Centre
500 Station House, Elder Gate, Milton Keynes Central
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Manifest/POD

Journey Number:	<ETHOS>	Vehicle Type:	<ETHOS>	Drop Number:	1 of 1	Banksman	☐	PTS	☐
EFX Number:	<ETHOS>	Briefed by:	<ETHOS>	Page:	2 of 2	Dangerous Goods	☐	HIAB	☐
Haulier:	<ETHOS>	Date briefed:	<ETHOS>			Vehicle Escort	☐		

#	Order Number	Item Number	Length	Product Description	Qty	Weight	Quantity Collected
15							
16							
17							
18							
19							
20							

Please detail any further comments/incidents, including reasons for demurage incurred	No. of Hours Worked on behalf of Network Rail:	
	Hours of Demmurage Claimed:	
	Self Signed: ☐	
	Approver if Self Signed:*	
	*Self Signed POD's without a Planning Centre Approver will not be processed.	

Any services provided as a result of this request will be governed by the terms of the Carrier Agreement or DHL's Terms of Transport, whichever has been provided to you. Where one has not been previously provided, this request will be governed by DHL's Terms of Transport which is available from the DHL Planning Centre on request.

3.2 Auto Faxing and E-mailing

When a trip is set to Accepted status in C-TMS or the trip is re-briefed using the carrier trip planning screen, these actions will be the triggers to create and distribute the Manifest report to the relevant recipient(s). The report will be distributed based on the owning depot location. Users will be able to configure how a depot will receive the manifest report using the Message Maintenance screen in C-TMS

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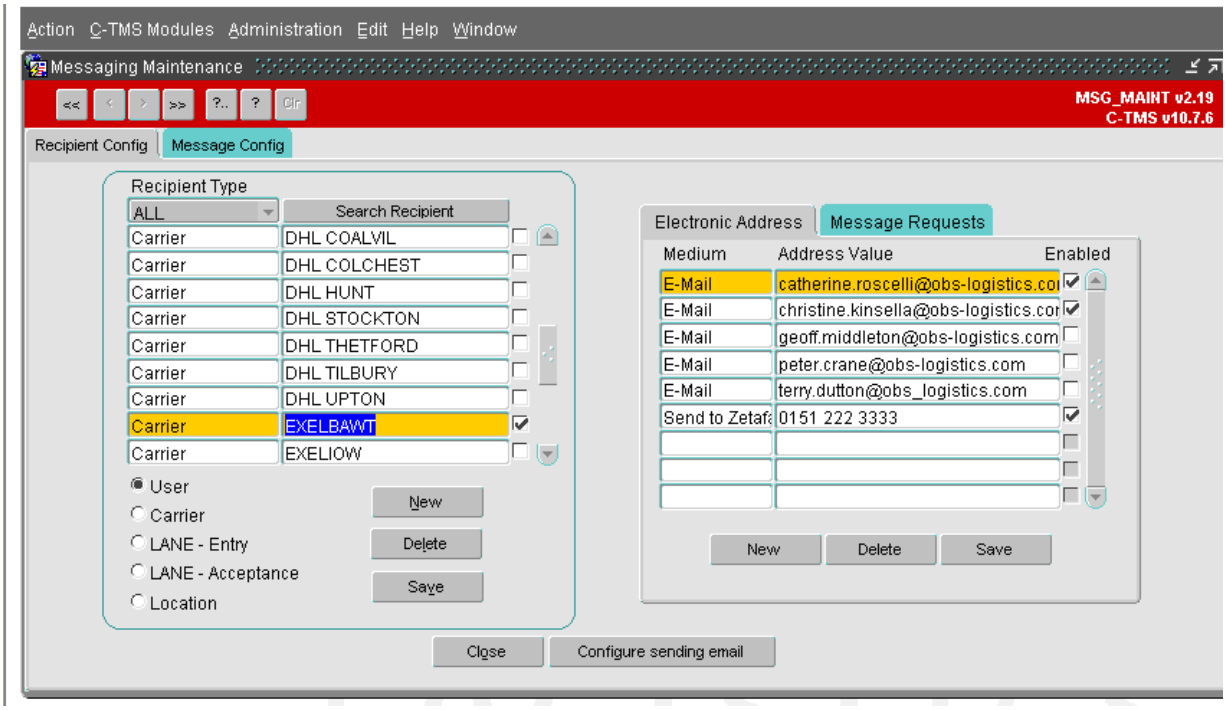

The e-mail subject will be derived from the existing system parameter MSG_SUBJECT_MANIFEST.

Parameter Name	Config By	Config By Value	Value	Description
MSG_SUBJECT_MANIFEST	SYSTEM	NONE	Transport Confirmation - Ref:	Message Subject for Manifest message

This is currently set up to display the Text ?Transport Confirmation - Ref? followed by the trip id. This RIO will alter the system parameter to be a cost centre parameter and the NR specific text added as appropriate.

When the trip is set to Accepted or the trip is re-briefed, a record will be inserted into the Message control table to generate the NR_DRIVER_MAN report for the current trip. The record will wait to be processed by the existing message processing database job which runs every 5 minutes. There are no changes required to this process.

Table Updates Required

No table changes are required for this development.

Modules to be changed

Module Name	Module Type	Notes
NR_DRIVER_MAN.rdf	Report	NR Drivers Manifest

References

Ref No	Document Title & ID	Version	Date
1	EST 291369 MS-8KNHBA Driver's Manifest v1.0	1.0	17/08/2011

Glossary

Term or Acronym	Meaning
C-TMS	Calidus TMS

Document History

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Version	Date	Status	Reason	Initials
0.1	03/10/2011	Draft	Initial version	CAK
0.2	04/10/2011	Draft	Reviewed	MJC
0.3	04/10/2011	Draft	Revised	CAK
0.4	05/10/2011	Draft	Reviewed	MJC
0.5	05/10/2011	Draft	Revised	CAK
1.0	05/10/2011	Issue	Reviewed and Issued	MJC
1.1	21/10/2011	Draft	Revised following Client review	SEW
2.0	21/10/2011	Draft	Reviewed	MJC

4 AUTHORISED BY

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