

**291169 v1.0**

Aptean Ltd  
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1 291169



DHL C-TMS

# Develop Driver's Manifest

FUNCTIONAL SPECIFICATION - 10.7

30/08/2011 - 1.0

Reference: FS 291169 AR-8KNK2F





## 2 Functional Overview

### 2.1 Client Requirement

#### Change Request Summary:

Develop Driver's Manifest/POD and allow output to be emailed / faxed to out-base location automatically. Paul McGoran/Manchester/UK/NFC

#### Change Request Details:

Drivers manifest as the SDD, with the exception: For the delivery stops, there is no need to show the list of items being delivered....so, this type of record will not be shown....Instead, just give the ticket record with 3 empty lines so that drivers can write the scrap ticket details. The ticket details should be enhanced to show the name / address of the scrap site in the same manner as the collections

#### Benefits identified as a result of the change:

Drivers have a hard copy document as well as the Microlise MDT

### 2.2 Solution

A new Drivers Manifest report will be developed. The report will be written in oracle reports and will be available as a PDF for emailing and faxing. The report will be named BGW\_MANF and will be parameter driven based on a trip\_id.

The report will be printed for each trip and will be designed as a header and detail report. The header section will display the following trip information.

TRIP_ID	SCH_TRIP.TRIP_ID
TRIP_START_TIME	SCH_TRIP_STOP.ARRIVAL (where stop type =?SU?)
ROUTE_CODE	SCH_TRIP.ROUTE_CODE
DRIVER_NAME	RES_PERSON.FORENAME / RES_PERSON.SURNAME ( where id = sch_trip.driver_id)
VEHICLE CONTACT	RES_TRACTOR.CONTACT_NO
DRIVER MOBILE	RES_PERSON.CONTACT_NO
VEHICLE TYPE	SCH_TRIP_STOP.TRAILER_TYPE(where stop type =?SU?)
DEPOT	SCH_TRIP_STOP.LOCATION_ID (where stop type =?SU?)
SECOND MAN	RES_PERSON.FORENAME / RES_PERSON.SURNAME (where id = sch_trip.driver_id2)
START ODO	SCH_TRIP. ODO_START
END ODO	SCH_TRIP. ODO_END
DRIVER START TIME	SCH_TRIP.START_TIME
DRIVER END TIME	SCH_TRIP.END_TIME
FUEL DRAWN	SCH_TRIP.FUEL_DRAWN

The report detail will be based on each stop on the trip and will display the following information.

ADDRESS\_LINE1 GEO\_LOCATION.ADDRESS\_LINE1 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE2 GEO\_LOCATION.ADDRESS\_LINE2 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE3 GEO\_LOCATION.ADDRESS\_LINE3 (where location\_id = sch\_trip\_stop.location)



TOWN	GEO_LOCATION.TOWN (where location_id = sch_trip_stop.location)
POSTCODE	GEO_LOCATION.POSTCODE (where location_id = sch_trip_stop.location)
JOB NO	SCH_ORD.BOOKING_REF (where oms_ref = SCH_HAULAGE_ACTIVITY.OMS_REF)
ITEM	SCH_ORDER_LINE.DU_TYPE
QTY	SCH_ORDER_LINE.QUANTITY
ACTUAL_QTY	SCH_ORDER_LINE.ACTUAL_QUANTITY
REASON	SCH_ORD_NON_CONFORM.REASON_CODE (where oms_ref = sch_order_line.oms_ref)

Unload stops will be displayed differently. The stop detail for unload stops is listed below

ADDRESS\_LINE1 GEO\_LOCATION.ADDRESS\_LINE1 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE2 GEO\_LOCATION.ADDRESS\_LINE2 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE3 GEO\_LOCATION.ADDRESS\_LINE3 (where location\_id = sch\_trip\_stop.location)  
 TOWN GEO\_LOCATION.TOWN (where location\_id = sch\_trip\_stop.location)  
 POSTCODE GEO\_LOCATION.POSTCODE (where location\_id = sch\_trip\_stop.location)  
 Rather than listing details of the order lines and quantities, blank lines will be provided for the driver to enter the information manually.

### Faxing and E-mailing

When a trip is set to accepted, this will automatically trigger the manifest report to be run for the current trip. The report will be automatically faxed/ emailed to the owning depot based on the configuration set up for the depot location and message type TRIP\_ACPT.

A new cost centre parameter will be created called MANIFEST\_NAME and in this parameter the user will store the name of the manifest report , relevant to the cost centre. The cost centre parameter will be used in the message package to control which report is faxed/ emailed when a trip is set to Accepted.

## 2.3 Scope

This change will be applied to system 10.7.0



## 3 Set-up

### 3.1 Pre-requisites

None

### 3.2 Menu Structure

?Unchanged?

### 3.3 Data

A new record will be added to the REP\_REPORT table and the REP\_REPORT\_PARAM table.

Name BGW\_MANF  
Report\_Type REP  
Filename BGW\_MANF.rep  
Printer\_type Laser  
Orientation Portrait

5 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 scheduled, customer and owning depot.

Report\_Name BGW\_MANF  
Report\_Type REP  
Param\_Type PG\_FFCHAR1  
Param\_Name TRIP\_ID  
Conditional O  
Param\_Title Trip ID

Report\_Name BGW\_MANF  
Report\_Type REP  
Param\_Type PG\_SELECT\_LIST1  
Param\_Name P\_START\_SCHED  
Conditional O  
Param\_Title From Schedule

Report\_Name BGW\_MANF  
Report\_Type REP  
Param\_Type PG\_SELECT\_LIST2  
Param\_Name P\_END\_SCHED  
Conditional O  
Param\_Title To Schedule

Report\_Name BGW\_MANF  
Report\_Type REP  
Param\_Type PG\_SELECT\_LIST3  
Param\_Name P\_CUSTOMER  
Conditional O  
Param\_Title Customer



Report\_Name BGW\_MANF  
 Report\_Type REP  
 Param\_Type PG\_LOV1  
 Param\_Name P\_DEPOT  
 Conditional O  
 Param\_Title Owning Depot

### 3.4 Implementation Advice

A system super user will be required to set the COST CENTRE parameter MANIFEST\_NAME for BGWCC.

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

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.

Access Groups

ACC\_CTRL v2.0  
C-TMS v10.7

Group Name	Description	Enabled
ADMIN	Administrator of MTS	<input checked="" type="checkbox"/>
CUSTOMER_CHARGES	Administrators of Customer Fuel and Premium Charges	<input checked="" type="checkbox"/>
EDI IMPLEMENTOR	EDI Administration - EDI_OWNER ONLY	<input checked="" type="checkbox"/>
EXPORTS	Exports	<input checked="" type="checkbox"/>
IMPLEMENTORS	MTS Implementation Team	<input checked="" type="checkbox"/>
MTS PROJECT IMPLEMENTORS	Non Competency Centre Implementors	<input checked="" type="checkbox"/>
MTS USER ADMIN	MTS User Administrator	<input checked="" type="checkbox"/>
OBS IMPLEMENTORS	OBS Implementation Team	<input checked="" type="checkbox"/>

Functions Menus Tabs Reports Extracts Imports

Reports authorised for used by this Group

- 10.6 Booked Orders
- 10.6 Collection Note
- 10.6 Daily Collections
- 10.6 Despatch Report By Carrier
- 10.6 Despatch Report By Start Time
- 10.6 Drivers Run Sheet

Reports Available

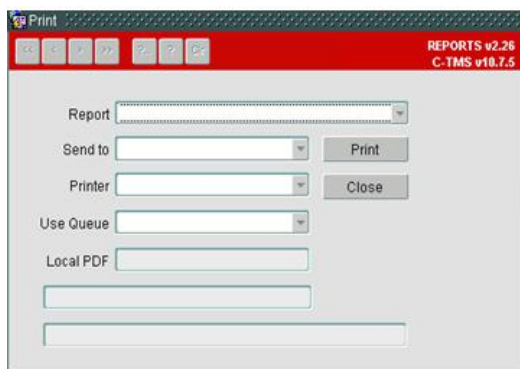




## 4 Functional Description

### 4.1 Report Design

The report will be created in Oracle Reports Developer 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 and OWNING\_DEPOT.





The report will be written as a header/ detail report, where the header will display Trip information and the details will display stop information.

The format of the report will be based on the existing Manifest used by engineers. Trip level data displayed is listed below:

TRIP_ID	SCH_TRIP.TRIP_ID
TRIP_START_TIME	SCH_TRIP_STOP.ARRIVAL (where stop type =?SU?)
ROUTE_CODE	SCH_TRIP.ROUTE_CODE
DRIVER_NAME	RES_PERSON.FORENAME / RES_PERSON.SURNAME ( where id = sch_trip.driver_id)
VEHICLE CONTACT	RES_TRACTOR.CONTACT_NO
DRIVER MOBILE	RES_PERSON.CONTACT_NO
VEHICLE TYPE	SCH_TRIP_STOP.TRAILER_TYPE(where stop type =?SU?)
DEPOT	SCH_TRIP_STOP.LOCATION_ID (where stop type =?SU?)
SECOND MAN	RES_PERSON.FORENAME / RES_PERSON.SURNAME (where id = sch_trip.driver_id2)
START ODO	SCH_TRIP. ODO_START
END ODO	SCH_TRIP. ODO_END
DRIVER START TIME	SCH_TRIP.START_TIME
DRIVER END TIME	SCH_TRIP.END_TIME
FUEL DRAWN	SCH_TRIP.FUEL_DRAWN

The header will also include both the DHL and British Gas logos. The new manifest will be produced in the same format as currently provided by the incumbent system;




**Driver's Manifest/POD**  
**110608-07**


Date: 08 Jun 2011 08:30  
Ref: 110608-07  
Vehicle Reg: 108099  
Driver: NAYL, ALI OMAR  
Vehicle Phone: 07708 07028  
Driver Station: 07708 07028  
Vehicle Type: 24 Ton  
Driver Finish Time: 05:00  
Driver: 05:00  
Driver Order (ID):  
Notes:  
Driver's Name:

01 Dummy Waste Upload  
(Load)  
(Upload)  
Phone:  
Updtr:  
Job No:  
Item:  
Quantity:  
Actual Qty:  
Reason:  
02 ST WHITENALL DRIVE  
HARTFORD  
NORTHAMPTON  
CHESHIRE  
CV11 1LJ  
Phone: 01454781912  
Updtr:  
Job No:  
Item:  
Quantity:  
Actual Qty:  
Reason:  
03 Mrs Harrison  
151 Walnut Avenue  
Northampton  
CHESHIRE  
CV11 1LJ  
Phone: 07871734195  
Updtr:  
Job No:  
Item:  
Quantity:  
Actual Qty:  
Reason:  
04 Mr Bowman  
27 Downhouse  
Northampton  
CHESHIRE  
CV11 1LJ  
Phone: 0787980543  
Updtr:  
Job No:  
Item:  
Quantity:  
Actual Qty:  
Reason:  
05 Mrs Patten  
10 Charnock Close  
Northampton  
CHESHIRE  
CV11 1LJ  
Phone: 0782872371  
Updtr:  
Job No:  
Item:  
Quantity:  
Actual Qty:  
Reason:

The following data will be selected and displayed for Collection Stops:

ADDRESS\_LINE1 GEO\_LOCATION.ADDRESS\_LINE1 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE2 GEO\_LOCATION.ADDRESS\_LINE2 (where location\_id = sch\_trip\_stop.location)  
 ADDRESS\_LINE3 GEO\_LOCATION.ADDRESS\_LINE3 (where location\_id = sch\_trip\_stop.location)  
 TOWN GEO\_LOCATION.TOWN (where location\_id = sch\_trip\_stop.location)  
 POSTCODE GEO\_LOCATION.POSTCODE (where location\_id = sch\_trip\_stop.location)  
 JOB NO SCH\_ORD.BOOKING\_REF (where oms\_ref = SCH\_HAULAGE\_ACTIVITY.OMS\_REF)  
 ITEM SCH\_ORDER\_LINE.DU\_TYPE  
 QTY SCH\_ORDER\_LINE.QUANTITY  
 ACTUAL\_QTY SCH\_ORDER\_LINE.ACTUAL\_QUANTITY  
 REASON SCH\_ORD\_NON\_CONFORM.REASON\_CODE (where oms\_ref = sch\_order\_line.oms\_ref)

For Delivery stops, only the drop location will be selected and displayed. Rather than display a list of du types with quantities, an empty grid will be printed for the engineer to manually enter the information required. A sample of the format is displayed on the next page.

Enter your scrap-off details below:

Scrap-off Depot	Ticket Number	Weight

Carrier Licence Number: ACB049560/CB  
 European Waste Code (EWC): 17.09.04



## 4.2 Auto Faxing and E-mailing

When a trip is set to Accepted status in C-TMS, this change of status will be the trigger to create and distribute the Manifest report to the relevant recipient. 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

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

The e-mail subject will be derived from the existing system parameter MSG\_SUBJECT\_MANIFEST.

This is currently set up to display the Text ?Transport Confirmation - Ref? followed by the trip id. Any changes to the subject will require the system parameter to be amended to a cost centre parameter and the BGW specific text added.

When the trip is set to Accepted, a record will be inserted into the Message control table to generate the BGW\_MANF report for the current trip. The record will wait to be processed by the existing message processing database job which runs every 5 minutes. The Message Package will be amended to process the request for a BGW\_MANF based on the value of the new cost centre parameter MANIFEST\_NAME.

### Table Updates Required

No table changes are required for this development.

### References

Ref No	Document Title & ID	Version	Date
1	EST 291169 AR-8KNK2F Develop Driver's Manifest v1.0	1.0	15/08/2011

### Glossary

Term or Acronym	Meaning
C-TMS	Calidus TMS

### Document History



Version	Date	Status	Reason	Initials
0.1	26/08/2011	Draft	Initial version	SEW
0.2	30/08/2011	Draft	Reviewed	MJC
1.0	30/08/2011	Issue	Amended and Issued	SEW

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