

297353 v1.0

Aptean Ltd
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1 297353

Aaptean

DHL C-TMS

Customer Export for BG Waste

FUNCTIONAL SPECIFICATION - 10.7

19/04/12 - 1.0

Reference: FS 297353 AR-8RWPDN





2 FUNCTIONAL OVERVIEW

2.1 Client Requirement

1. Create a copy of the CN Trip & Order export & customise for BG Waste to include the following additional data:
 - ◆ 2 man flag - Change
 - ◆ Vehicle constraint - Change
 - ◆ Vehicle type - Change
 - ◆ 2nd driver - Change
 - ◆ Failure reason code - change & ensure that these are returned regardless of whether the DU type is entered on the non-conformance
 - ◆ Non-conformance comments - change & ensure that these are returned regardless of whether the DU type is entered on the non-conformance
 - ◆ CD failure codes should not be returned

Do not remove any existing fields from the report

2.2 Solution

A new export will be created based on the CN Trip and Order Export. The export will be called BGW Trip and Order Export and will run for the following parameters.

- Start Schedule
- End Schedule
- Carrier
- Group Name
- Activity
- Loaded At

The following changes will be made from the existing CN Trip and Order Export when creating the new export.

- 2 Man Flag - Taken from SCH_ORD.DEL_POINT_REF where the value is ?2M?.
- Vehicle Constraint - GEO_LOCATION.TRAILER_SET for the delivery location on the order
- Vehicle Type - RES_TRACTOR.TRACTOR_TYPE for the vehicle on the trip
- 2nd Driver - Driver name (from RES_PERSON) for SCH_TRIP.DRIVER_ID2
- Failure Reason Code

2.3 Scope

This change will be applied to system version 10.7.0



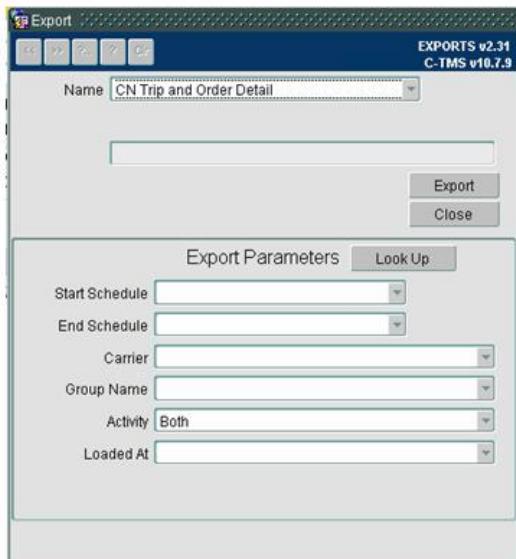
3 SET-UP

3.1 Pre-Requisites

RIO AR-8RWP9H Changes to Web service (creation of cost centre parameter ORD_REASON_SUP)

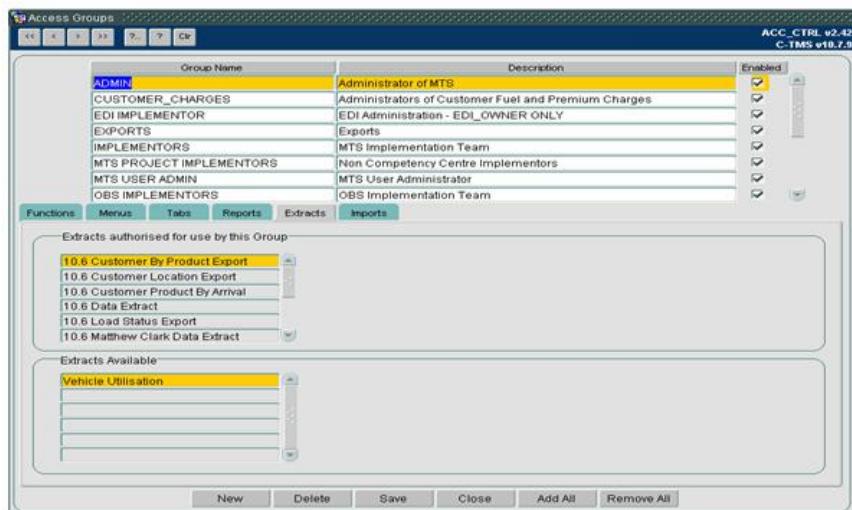
3.2 Data

New records will be added to the REP_REPORT and REP_REPORT_PARAMS table to allow execution of the extract from the exports screen.



3.3 Implementation Advice

A super user will be responsible for allocating access to the new extract to the required user groups, this will be achieved using the Access control screen.



4 FUNCTIONAL DESCRIPTION

The code to generate the existing CN_TRIP_AND_ORDER_DETAIL extract will be copied from the CSV package and created in the DP_CSV3 package. The code will be amended to include the additional requirements for the British Gas Waste version of the extract. The extract will be named BGW_TRIP_AND_ORDER_DETAIL.

4.1 Extract Parameters

Users will be able to select from the following parameters:

- Start Schedule
- End Schedule
- Carrier
- Group Name
- Activity
- Loaded At

These are the same parameters currently used in the CN_TRIP_AND_ORDER_DETAIL version, however where possible, the data available to select from will be limited to BGW specific data.

Carriers belonging to the BG HAULIER and BGW FLEET carrier groups will be available from the Carrier parameter for selection. All other carriers will be excluded.

Group Name will be pre populated as BGWASTE and this will be the only value available in the list of group names.

Locations in the Loaded at list will be limited to those locations with a location usage record linked to BGWASTE. Due to the number of locations, this parameter will be based on a list of values rather than a drop down list.

Start Schedule and End Schedule will be based on all active schedules, again due to the number of entries, this will be derived as a list of values rather than a drop down list.

Activity will be Load, Unload or Both

4.2 New Data Fields

4.2.1 2MAN Flag

This will be a derived value of Y or N based on the data in the DEL_POINT_REF field. If the field contains the value 2M, the 2MAN Flag will be set to Y otherwise N.

Vehicle Constraint

This will be taken from the TRAILER_SET field held against a location. It will be displayed and a series of 1 and 0 to indicate which trailer types can be used. The vehicle constraint will relate to the collection location of the order regardless of the activity the user has selected when running the extract

4.2.2 Vehicle Type

This will be taken from the trailer type at the stop the order is on. The vehicle type will be linked to the activity the user has selected, the load stop, the unload stop or both.

4.2.3 2nd Driver

This information will be taken from the trip, from the DRIVER_ID2 field. The id will be linked to the RES_PERSON table to display the drivers name rather than the id.

4.2.4 Failure Reason Code

Reason codes are added to the non conformance records so that the non-conformance can be linked back to an order line based on the du type. This extract does not go down to line level so there will be no requirement to assign the non conformance records based on du type. Non conformance reason codes will be displayed in the extract based on the



OMS reference. The new cost centre parameter ORD_REASON_SUP as defined in RIO AR-8RWP9H will be used to allow users to suppress certain reasons from the extract (CD -Clean Delivery)



5 REFERENCES

Ref No	Document Title & ID	Version	Date
1	EST-297353 AR-8RWPDN Customise export for BG Waste v1.0	1.0	19/03/12



6 DOCUMENT HISTORY

Version	Date	Status	Reason	Initials
0.1	18/04/12	Draft	Initial version	SEW



7 AUTHORISED BY

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