

291173 v1.0

Aptean Ltd
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1 291173

Aaptean

DHL C-TMS

Automatically Rebook Orders

FUNCTIONAL SPECIFICATION - 10.7

26/08/2011 - 1.0

Reference: FS 291173 AR-8KNL8H



2 Ready for **What's Next, Now™**



2 Functional Overview

2.1 Client Requirement

Change Request Summary:

Automatically rebook orders (re-generate) in C-TMS depending on the reason code used to debrief. Set collection date to next working day. Paul McGoran/Manchester/UK/NFC

Change Request Details:

In addition regenerated orders should be created with mode "High Priority"

Benefits identified as a result of the change:

Orders regenerated as per the existing implementation

2.2 Solution

A new field will be added to the C-TMS Reason Codes table (SCH_REASON_CODE) called ACTION.

The following values will be allowed in the new field:

N Do nothing
 R Regenerate in full
 O Regenerate outstanding

The use of the action code will be controlled by a new cost centre parameter called AUTO_REBOOK. When an order is allocated a reason code via non conformance, the reason code will be used to determine what further action is required.

If the reason code has been assigned the action N, no further action will be taken in C-TMS. If the reason code has an action code O, a re-book order will be created based on the outstanding quantities from the original order.. If the action code is R, further analysis of the reason code will be required. The reason codes that will be assigned the action R are listed below

Code Description	Functionality required
5 2 man job not notified	Re generate the whole order changing the DEL POINT REF to display 2M.
4 3.5T transit not notified	Amend the from location to record the requirement for a 3.5T truck and re generate the order
25 3.5T and two man	Amend the from location to record the requirement for a 3.5T truck and re generate the whole order, setting the DEL POINT REF to 2M.

All orders generated based on the value of the AUTO_REBOOK parameter will be assigned the delivery type ?HIGH PRIORITY?. The collection and delivery windows will be set to the date of the next working day (TUESDAY, WEDNESDAY, THURSDAY, FRIDAY, SATURDAY)



2.3 Scope

This change will be applied to system version 10.7..



3 Set-up

3.1 Pre-requisites

None

3.2 Menu Structure

Unchanged

3.3 Data

A new field will be added to the SCH_REASON_CODE table

ALTER TABLE SCH_REASON_CODE

ADD ACTION VARCHAR2(1);

3.4 Implementation Advice

In order to switch this new functionality on it will be necessary for a site superuser to set the AUTO_REBOOK parameter to Y for BGWCC in the below screen

PARAM_NAME	AUTO_REBOOK
VALUE	Y
DESCRIPTION	Indicates if auto rebook is switched on when non conformance is added.
CONFIG_BY	COST_CENTRE
CONFIG_BY_VALUE	BGWCC

System Parameters				
Parameter Name	Config By	Config By Value	Value	Description
ACC_ALLOW_ZERO_RPE	SYSTEM	NONE	Y	Allow zero quantity to be returned from get charges (for RP)
ACC_CONSOL_RADIAL_COSTS	SYSTEM	NONE	N	Indicates if radial charges are consolidated at delivery location
ACC_CALC_PAYMENT_ORD	SYSTEM	NONE	Y	Controls whether payment button is displayed on Orders form
ACC_CALC_PAYMENT_TRIP	SYSTEM	NONE	Y	Controls whether payment button is displayed on Trip form
ACC_CALC_REVENUE_ORD	SYSTEM	NONE	CONTRACT	Control Order revenue calculation method - CONTRACT or TENDERED
ACC_CALC_REVENUE_TRIP	SYSTEM	NONE	Y	Controls whether revenue button is displayed on Trip form
ACC_CALC_SAVING_ORD	SYSTEM	NONE	N	Controls whether the saving button is displayed on Orders form
ACC_FUELSURCH_EVENTDATE	SYSTEM	NONE	TENDERED	Details whether Fuel Surcharges are calculated based on TENDERED or CONTRACT
ACC_INT_CHRG_AT_TRUNK_LEG	SYSTEM	NONE	Y	Indicates if Internal Charges (trunk and radial) are generated
ACC_ORD_STD_COST	SYSTEM	NONE	CONTRACT	Control Order standard cost calculation method - CONTRACT or TENDERED
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
CAL_DEFAULT_TIME_OFFSET	SYSTEM	NONE	0.041667	Default time offset which gets added to times in Order tracking form
CAL_DEFAULT_TIME_ZONE	SYSTEM	NONE	GMT (Greenwich Mean Time)	Description of timezone, used in Order Tracking form, free text
CSB_EXPORT_PATH	SYSTEM	NONE	/u03/weblint/mstst1/carrier_self_billir	Directory where carrier self billing exports are stored
CSB_REPORT_PATH	SYSTEM	NONE	/u03/weblint/mstst1/carrier_self_billir	Directory where carrier self billing reports are stored
CUSTOMER_CONTROLLED_ORDER_F	SYSTEM	NONE	Y	Y/N-Controls whether Order Revenue will be controlled by customer
DEBUG0	SYSTEM	NONE	Y	Debug enabled ? - Y or N
DS0_DEF_DU_TYPE	SYSTEM	NONE		Default DU Type for Orders created via the Dixons Booking

The site super user will also be required to set the cost centre version of the existing system parameter CAL_WORKING_DAY_MAP for BGWCC.

Parameter Name	Config By	Config By Value	Value	Description
CAL_WORKING_DAY_MAP	SYSTEM	NONE	NYYYYNN	Defines which days of the week are being worked - Sunday

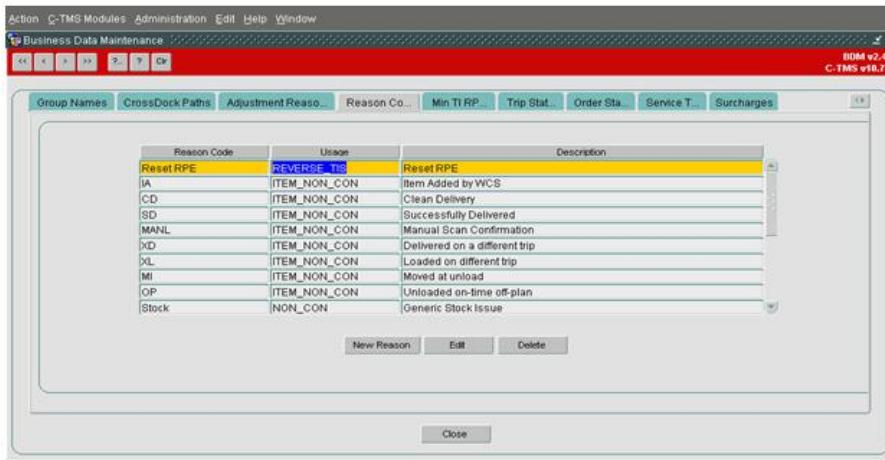


PARAM_NAME CAL_WORKING_DAY_MAP
VALUE ?NNYYYY?
DESCRIPTION Defines which days of the week are being worked - Sunday to Saturday, Y or N.
CONFIG_BY COST_CENTRE
CONFIG_BY_VALUE BGWCC



4 Functional Description

A new field will be added to the Reason Codes master data table (SCH_REASON_CODE). The new field will be called ?ACTION?. Valid values for the new field will be ?O?, ?R?, ?N? or null (see below for descriptions of each value). The new field will be added to the Business Data Management screen (below) and users will be able to assign one of the valid values to each reason code. Existing reason codes will not be amended by this change and the default values for these will be ?N? if not set.



The value assigned to the ACTION field will determine the action taken when the reason code is assigned to an order. This functionality will be controlled by a new system parameter AUTO_REBOOK, which will be set to Y, N or null.

When the new action code field is set to ?O?, the order will be re-booked automatically for any outstanding quantity after the order has been debriefed. If the order has not been debriefed, the full quantity will be assigned to the rebooked Order.

If the action code is set to ?R?, the order will be rebooked in full. For action ?R?, there will be further analysis of the reason codes required.

Generally, an action ?R? will mean that the original order has been created incorrectly and the rebook is being generated to correct the issue. The following reason codes have been flagged as requiring action ?R?.

- 5 2man job notified Re generate the whole order changing the DEL POINT REF to display 2M.
- 4 3.5t transit not notified Amend the from location to record the requirement for a 3.5T truck and re generate the order
- 25 3.5t and 2 man Amend the from location to record the requirement for a 3.5T truck and re generate the whole order, setting the DEL POINT REF to 2M.

If the action code is set to ?N? or blank, no further action will be taken after the reason code has been added through non-conformance.

After the re generation of orders the delivery type will be updated to ?High? and the collection window will be set to the next working day. For British Gas waste, the following days are classed as working days:

- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

The new cost centre parameter CAL_WORKING_DAY_MAP will be used to ensure that orders are created for the next



valid working day. The collection and delivery windows will be updated to the next working day and this will drive the schedule date.

In the instance where a Saturday order has been re-generated, the order will be created for collection on Tuesday, the next working day.

Table Updates Required

```
ALTER TABLE SCH_REASON_CODE
```

```
ADD COLUMN ACTION VARCHAR2(1);
```

```
INSERT INTO ADM_SYSTEM_PARAM (PARAM_NAME,
```

```
VALUE,
```

```
DISPLAYED,
```

```
USER_MODIFIABLE,
```

```
DESCRIPTION,
```

```
CONFIG_BY,
```

```
CONFIG_BY_VALUE)
```

```
VALUES (?AUTO_REBOOK?,
```

```
N,
```

```
Y,
```

?Indicates if auto rebook is switched on when non conformance is added?,

?COST_CENTRE?,

NULL)

References

Ref No	Document Title & ID	Version	Date
1	EST-291173 AR-8KNL8H Automatically rebook Orders v0.1	1.0	16/08/2011

Glossary

Term or Acronym	Meaning
C-TMS	Calidus TMS

Document History



Version	Date	Status	Reason	Initials
0.1	23/08/2011	Draft	Initial version	SEW
0.2	23/08/2011	Draft	Reviewed	MJC
0.3	26/08/2011	Draft	Revised	SEW
1.0	26/08/2011	Issue	Reviewed and Issued	MJC



5 AUTHORISED BY

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