287988 v1.0

Contents

1 287988

DHL MTS

STL Driver Manifest

FUNCTIONAL SPECIFICATION - 10.6

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– 1.0
```

Reference: FS 287988 TH-8G4CKE

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1.1 Client Requirement

Change Request Summary:

STL driver manifest.

Change Request Details:

Develop driver manifest to the specified format as example in SDD v1 from OBS. Business is required to record temperatures.

Benefits identified as a result of the change:

Part of the migration requirement.

1.2 Solution

A new report will be created called ?STL Driver Manifest?. The report will be in PDF format and will run from the existing ?Reports? screen.

The report will run for a date range, and the parameters will be:

- Date From (Mandatory)
- Date To (Mandatory)
- Trip ID (Optional)

Specifying a trip id will print the report for that trip only. If the trip parameter is left blank the report will show all trips for the date range selected.

The report will contain a page for each trip that has a start date / time between the parameter dates. The header section of the report will contain the trip information. The field for the header section will be:

Field	Source
Trip ID	SCH_TRIP.TRIP_ID
Date	SCH_TRIP.START_TIME
Driver	SCH_TRIP.DRIVER_ID - RES_PERSON.NAME
Agency (Y/N)	MANUAL ENTRY
Vehicle Reg	SCH_TRIP.TRACTOR_ID
Minimum Temperature	MANUAL ENTRY
Maximum Temperature	MANUAL ENTRY
Thermometer Number	MANUAL ENTRY
Fuel Drawn	SCH_TRIP.FUEL_DRAWN
Location	MANUAL ENTRY
Planned Start Time	SCH_TRIP.START_TIME
Planned End Time	SCH_TRIP.END_TIME
Actual Start Time	MANUAL ENTRY
Actual End Time	MANUAL ENTRY

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Start KM	SCH_TRIP.ODO_START
End KM	SCH_TRIP.ODO_END
Total KM	MANUAL ENTRY
Total Hours	MANUAL ENTRY
Meal Breaks	MANUAL ENTRY
Client	MANUAL ENTRY

It is assumed that the Minimum Temperature, Maximum Temperature and Thermometer fields will be manual entry as they are not currently stored in CTMS.

The above field structure is based on the header in report RUN_SHEET_DSG. **Any Manual Entry fields are assumed to be the same on this report.**

A detail section will contain the stops from the trip, as well as the orders being delivered at those stops. The detail section will contain the following fields:

Field	Source
D or C	Calculated
Seq	SCH_TRIP_STOP.STOP_NO
MTS Ord Num	SCH_ORD.OMS_REF
Customer Order ref	SCH_ORD.EXTERNAL_REF
Company Name	SCH_ORD.TO_LOCATION - Name
Address To location address	GEO_LOCATION Address lines, town etc
Required Date and Time	SCH_ORD.EARLY_DEL / LATE_DEL
Planned Date and Time	SCH_TRIP_STOP.ARRIVE
Actual Date and time	MANUAL ENTRY
Cases Planned	SCH_ORD.TOTAL_RPE_QUANTITY
Cases Actual	MANUAL ENTRY
Temp c	MANUAL ENTRY
Print Name	MANUAL ENTRY
Signature	MANUAL ENTRY

Below each of the orders the order comments will be printed.

Once all the orders for a particular stop have been printed, the stopover time will be shown if applicable. So if the break at the stop is 45 minutes a line will be printed under the orders that will show the stop location and the break time. This needs to be confirmed at Specification stage.

Deleted trips and cancelled orders will not be included in the report.

1.3 Scope

This change will be applied to system version 10.6.

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2 Set-up

2.1 Pre-requisites

The user will require authorisation to run the new report.

2.2 Menu Structure

?Unchanged?

2.3 Data

The report parameters will be setup using the scripts in Appendix A.

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3 Functional Description

3.1 Data Setup

The new report will be run from the existing ?Reports? screen with the following parameters available:

- Date From (Mandatory)
- Date To (Mandatory)
- Trip ID (Optional)

The ?Date To? must not be before the ?Date From? and both will accept a date and time in format ?DD/MM/YYYY HH24:MI:SS?.

A list of values will be available for the ?Trip ID?.

3.2 ?STL Driver Manifest? Report

A new report will created called ?STL Driver Manifest?. The report will be in PDF format.

The date range specified in the report parameters will select trips based on their start dates and times.

Specifying a trip ID will print the report for that trip only. If the ?Trip ID? parameter is left blank the report will show all trips for the date range selected.

3.2.1 Header Section

The report will start a new page for each trip and the header section of the report will contain the trip information on each page printed. The trips will be displayed in sequence using the ?Date? field.

The fields for the header section will be as follows with the data displayed in boxes:

Field	Table	Column	Format
Trip ID	SCH_TRIP	TRIP_ID	
Date	SCH_TRIP	START_TIME	YYYY/MM/DD HH24:MI:SS
Driver	SCH_TRIP / RES_PERSON	DRIVER_ID / NAME	
Agency (Y/N)			
Vehicle Reg	SCH_TRIP	TRACTOR_ID	
Minimum Temperature			
Maximum Temperature			
Thermometer Number			
Fuel Drawn	SCH_TRIP	FUEL_DRAWN	
Location			
Planned Start Time	SCH_TRIP	START_TIME	
Planned End Time	SCH_TRIP	END_TIME	
Actual Start Time			
Actual End Time			
Start KM	SCH_TRIP	ODO_START	
End KM	SCH_TRIP	ODO_END	
Total KM			
Total Hours			

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Meal Breaks
Client
Blank columns indicate a field that will be for manual entry.

N.B. It is assumed that the Minimum Temperature, Maximum Temperature and Thermometer fields will be manual entry as they are not currently stored in C-TMS.

Please see document ?STL Driver Trip Sheet from C-TMS.xls? for an example of the expected layout of the report:

3.2.2 Detail Section

A detail section will contain the stops from the trip, as well as the orders being delivered at those stops.

The detail section will contain the following fields:

Field	Table	Column	Format
?D? or ?C?			
SEQ	SCH_TRIP_STOP	STOP_NO	
MTS Order Num	SCH_ORD	OMS_REF	
Customer Order Ref	SCH_ORD	EXTERNAL_REF	
Company / Site Name	GEO_LOCATION	NAME	
		ADDRESS_LINE_1	
		ADDRESS_LINE_2	
		ADDRESS_LINE_3	
Address	GEO_LOCATION	TOWN	
		COUNTY	
		POSTCODE	
Required Date / Time	SCH_ORD	EARLY_DEL / LATE_DEL	YYYY/MM/DD HH24:MI:SS
Planned Date / Time	SCH_TRIP_STOP	ARRIVE	YYYY/MM/DD HH24:MI:SS
Actual Date / Time			
Cases Planned / Actual	SCH_ORD	TOTAL_RPE_QUANTITY	
Temp C			
Print Name			
Signature			

Blank columns indicate a field that will be for manual entry.

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The field ?D? or ?C? indicates whether the order is being delivered or collected at the trip stop (i.e. the haulage activity at the trip stop is ?Unload? for deliveries or ?Load? for collections).

The ?Company / Site Name? and the ?Address? will be obtained from the trip stop.

Below each of the orders the order comments will be printed under the heading ?Delivery / Collect Instructions?. The order comments will be obtained from ?SCH_ORD.COMMENTS? and will be wrapped onto new lines depending on the length of the comments.

Once all the orders for a particular stop have been printed, the stopover time will be shown if applicable. So if the break at the stop is 45 minutes a line will be printed under the orders that will show the stop location and the break time.

The stopover will be obtained from ?SCH_TRIP_STOP.LAYOVER_MINS? and displayed in hours and minutes in format ?HH24:MI?.

N.B. Deleted trips (i.e. at status ?DELETED?, ?CANCELLED?, ?REJECTED?, ?ABANDONED?) and cancelled orders (i.e. at status ?DELETED?, ?CANCELLED?, ?INVALID?, ?ABORTED?) will not be included in the report.

Table Updates Required

The following scripts may be run to create the new report and parameters:

INSERT INTO rep_report
(NAME,REPORT_TYPE,FILENAME,PROC_NAME,PRINTER_TYPE,SHOW_PFORM,ORIENTATION) VALUES ('STL Driver Manifest','REP','STL_Driver_Manifest','STL_DRIVER_MANIFEST.rep','Laser','F','LANDSCAPE'); /

INSERT INTO rep_report_param
(REPORT_NAME,REPORT_TYPE,PARAM_TYPE,PARAM_NAME,CONDITIONAL,DEFAULT_VALUE_TYPE,PARAM_TITLE) VALUES ('STL Driver Manifest','REP','P_START_DATETIME','P_START_DATETIME','M','TODAY','Date From');

INSERT INTO rep_report_param
(REPORT_NAME,REPORT_TYPE,PARAM_TYPE,PARAM_NAME,CONDITIONAL,DEFAULT_VALUE_TYPE,PARAM_TITLE) VALUES ('STL Driver Manifest','REP','P_END_DATETIME','P_END_DATETIME','M','TODAY','Date To');

INSERT INTO rep_report_param
(REPORT_NAME,REPORT_TYPE,PARAM_TYPE,PARAM_NAME,CONDITIONAL,PARAM_TITLE) VALUES ('STL Driver Manifest','REP','PG_FFCHAR1','P_TRIP_ID','O','Trip Id (optional)'); /

References

Ref No	Document Title & ID	Version	Date
1	EST-287988 TH-8G4CKE STL driver manifest v2.0.doc	2.0	26/04/11
2	STL Driver Trip Sheet from C-TMS.xls	1.0	

Glossary

Term or Acronym	Meaning
C-TMS	Calidus TMS

Document History

Version	Date	Status	Reason	Initials
0.1	16/05/11	Draft	Initial version	PDR
1.0	18/05/11	Issue	Reviewed and Issued	MJC

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4 AUTHORISED BY

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