## 249378

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## 2 249378 (PA-7DDFH9) Check and enhance EFX data export

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### **3 Functional Overview**

#### 3.1 Client Requirement

Check Data compilation for EFX extract FileAdd 'Expiry Date and Time' to output fields.

#### 3.2 Solution

The EFX file will be sent when the following conditions are met:-

- A trip was at a status of planned
- EFX Carrier assigned
- EFX Box ticked
- Pop up payment box populated with rate etc
- OK button pressed
- Trip Set to Status Tendered

Two extra fields will be added to the generation of the output file. These fields will be taken from the column TRIP\_EXPIRY\_TIME on the SCH\_TRIP table. This column contains both the expiry date and time. The payments popup screen will be amended to allow the user to enter the Expiry date and time. The existing fields on Trip Manipulation and Trip Planning will be display only.

The outbound and inbound EFX flows will amended to match the mapping provided.

#### 3.3 Scope

This change will be applied to system version 10.6 on CONTST and once approved CONPRD.

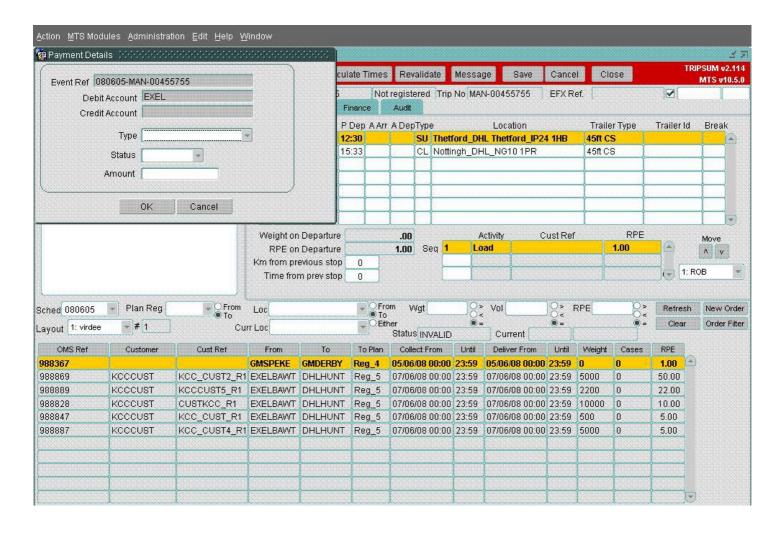


### **4 Functional Description**

The EFX message is currently sent when the trip is set to status TENDERED. However the message informing the user that the message has been sent is displayed at the wrong point. This will be changed so that the message only appears when the message has been sent.

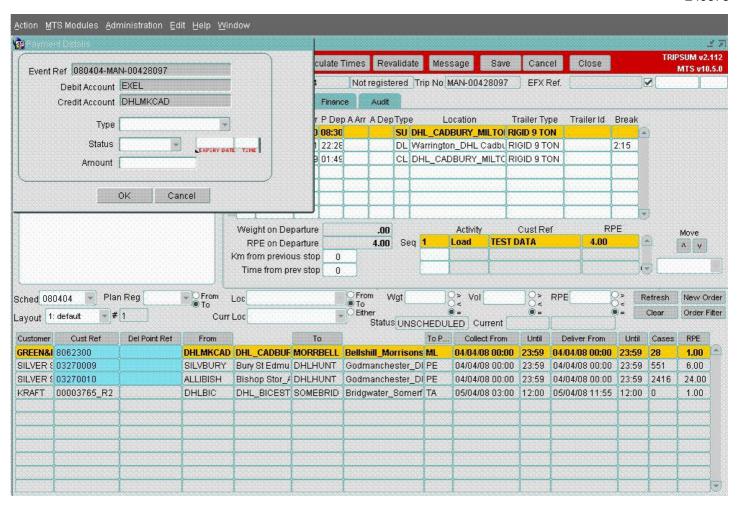
The message will only be triggered under the following conditions:-

- A trip was at a status of planned
- EFX Carrier assigned
- EFX Box ticked
- Pop up payment box populated with rate etc
- OK button pressed
- Trip Set to Status Tendered



Two fields will be added to the Payment Details window that will allow the user to enter the expiry date and time. The current fields on Trip Manipulation / planning will become display only and will pick up the values from the data entered in the Payment details window.





The above screen changes will be applied to both the Trip Manipulation screen and the Trip Planning screen.

The outbound file will be changed to match the mapping shown below. Outbound files will be put in the directory /webint/<database>/interface/out to be collected.



Field name	Datatype			
		Example		
RECHEADSTART MTS_OPERATION	Text Text	<recheadstart></recheadstart>		
MESSAGE_TYPE				
TIMESTAMP	Text	EFX_TRIP_DETAILS		
	Date/Time (DD/MM/CCYY)	25/07/2007 16:29:50		
RECHEADEND	Text Details	<recheadend></recheadend>		
EFXTRIPDTL8TART	Text	<efxtripotlstart></efxtripotlstart>		
Trip Number	Text	MAN-1234		
Owning Depot	Text	Test Depot		
Rist FK Loc Name	Text	Test Depot		
Rist FK Loc Post Code	Text	OX163		
Pick by Date	Date/Time (DD/MM/CCYY)	25/07/2007		
Pick by Time	Date/Time (HH24:MM)	13:00		
Rist PK Dep Date	Date/Time (DD/MM/CCYY)	25/07/2007		
Rist PK Dep Time	Date/Time (HH24:MM)	13:54		
Sum of delivery DU's on Trip (integer)	Integer	12		
DU Type from first line of first order	Integer	CHEP PALLET		
Sum of delivery Weight on Trip (integer)	Double			
Trip Cost	Double	123		
Expliry Date	Date/Time (DD/MM/CCYY)	25/07/2007		
Expliy Time - 2 Hours	Date/Time (HH24:MM)	11:54		
Trailer Type via decode	Text			
Carrier via Decode if not EFX	Text	CARRIER 01		
Temperature Type from first order	Text	AMBIENT		
First DL Loc Post Code	Text			
First DL Loc Name	Text			
Latest delivery date from order at first DL stop	Text			
Latest delivery time from order at first DL stop	Text			
Second DL Loc Name	Text			
Latest delivery date from order at second DL stop	Text			
Latest delivery time from order at second DL stop	Text			
Third DL Loc Name	Text			
Latest delivery date from order at third DL stop	Text			
Latest delivery time from order at third DL stop	Text			
Fourth DL Loc Name	Text			
Latest delivery date from order at fourth DL stop	Text			
Latest delivery time from order at fourth DL stop	Text			
Fifth DL Loc Name	Text			
Latest delivery date from order at fifth DL stop	Text			
Latest delivery time from order at fifth DL stop	Text			
Sixth DL Loc Name	Text			
Latest delivery date from order at sixth DL stop	Text			
Latest delivery time from order at sixth DL stop	Text			
Seventh DL Loc Name	Text			
Latest delivery date from order at seventh DL stop	Text			
Latest delivery time from order at seventh DL stop	Text			
Eighth DL Loc Name	Text			
Latest delivery date from order at eighth DL stop	Text			
Latest delivery time from order at eighth DL stop	Text			
Ninth DL Loc Name	Text			
Latest delivery date from order at ninth DL stop	Text			
Latest delivery time from order at ninth DL stop	Text			
Trailer				
EOF	Text	<e0p></e0p>		

The Inbound flow will be amended to accept CSV files in the below format.

#### **EFX FIELDS**

<RECHEADSTART>
MTS database name
Tripstatus
timstamp
<RECHEADSTART>
<EFXTRIPDTLSTART>
Load Ref
EFX\_REF
Owning Depot
<EFXTRIPDTLEND>



The inbound files will be put into the folder /webint/<database>/interface (This will be controlled by a system parameter - See below). A new database job will be created that will handle the inbound files from this directory.

When a file is processed the EFX\_REF and owning depot will be updated on the relevant sch\_trip record.

As part of the inbound flow 2 new system parameters will be created. These will be ?EFX\_PATH? and ?EFX\_IDENTIFIER?. EFX\_PATH will contain the directory path into which the inbound files should be put. Initially this will be /webint/<database>/interface.

EFX\_IDENTIFIER will be the first three characters of the inbound file names. This will be set to ?EFX\*?.



# **5 Document History**

Version	Date	Status	Reason	Initials
1a	02/06/08	Draft	Initial version	DNG
1	02/12/08	Issued	Reviewed and Issued	MJC



# **6 Authorised By**

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## 6.1 Part of Release(s)

• CONPRD Release - 9/12/2008

