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**From:** charles mclachlan [GRO]  
**Sent:** Fri 23/04/2010 2:53:43 PM (UTC)  
**To:** Jenkins Gareth GI [GRO]  
**Subject:** | Re: Further info for REGINA v SEEMA MISRA GUILDFORD CROWN COURT

Gareth,  
Many thanks for dealing with this so promptly.

Yours,

Charles McLachlan

On 23 April 2010 11:34, Jenkins Gareth GI [GRO] wrote:

Charles,

As promised, attached is a (zipped) spreadsheet that you can use to lookup Product Information.

<<EPOSSProducts.zip>>

I've left all the Product details in there. However the key columns that you'll find useful are:

1. Col A: Which is the Product Id (and so corresponds to the transaction logs)
2. Col Z: Which is the Product's "long name" which hopefully is fairly meaningful

I've left the remaining Product data in the spreadsheet in case it subsequently proves to be of use, but won't attempt to explain it at this time.

I've also had a look to see what we sent you in the transaction logs.

The CD should have included a separate zip file for each month and in each zip file there should have been 3 of 4 files:

1. 1 to dd MMM yy.xls
2. BQ 1 to dd MMM yy.xls
3. Events 1 to dd MMM yy.xls
4. xxxxxxxx.xml

where dd is last day of month, MMM is 3 char month name, yy is Year and xxxxxxxx is fairly meaningless!

(I'm not sure if we included item 1 on the version we sent you since Item 1 is a subset of the info in item 2 and so can be ignored.)

Item 2 is the log of all transactions during the month. The column headings are as follows:

**COL Heading (in Row 5) Meaning**

Id Counter Position

User User Id

TxnData\_Container Stock Unit ID

TxnData\_Start\_Date Start date / Time (NB always GMT)

TxnData\_Start\_Time End date / Time (NB always GMT)

TxnData\_SessionId      Session Id (last part matches paper receipts)  
 TxnData\_TxnId      Transaction Id (matches Transaction Logs)  
 EPOSSTransaction\_AdditionalData\_C2Mess\_NBAMsg\_Id\_HTxnNum      Unique Id used for Banking, Plastic and E Top transactions  
 TxnData\_Mode      Mode (key attached below)  
 EPOSSTransaction\_ProductNo      Product Id  
 EPOSSTransaction\_Qty      Quantity  
 EPOSSTransaction\_AdditionalData\_AdditionalInfo\_ReqAmt      For Banking etc, amount requested (in pence)  
 EPOSSTransaction\_SaleValue      Value of transaction  
 EPOSSTransaction\_EntryMethod      Entry method (key below)  
 EPOSSTransaction\_AdditionalData\_State      Not used  
 EPOSSTransaction\_AdditionalData\_IOP\_ident      Not used  
 EPOSSTransaction\_AdditionalData\_Result      Not used  
 EPOSSTransaction\_BlackBoxData\_ForeignIndicator      Not used  
 EPOSSTransaction\_AdditionalData\_C2Mess\_NBAMsg\_Txn\_PAN      For Banking etc PAN from card  
 EPOSSTransaction\_AdditionalData\_C2Mess\_NBAMsg\_Txn\_EPAN      Not used  
 EPOSSTransaction\_AdditionalData\_CN      Client (only for AP Products)  
 EPOSSTransaction\_AdditionalData\_Rref      Token (only for AP Products)  
 EPOSSTransaction\_AdditionalData\_SRTCDE      Sort Code (off line banking)  
 EPOSSTransaction\_AdditionalData\_ACC\_NO12      Account Number (off line banking)

Mode meanings are in the attached spreadsheet:

<<ModeParameters.xls>>

Col D is the value in the Transaction Spreadsheet and Col F is the English meaning (please ignore the other cols which I've not bothered to delete).

Entry Methods are:

- 0 = Barcode,
- 1 = Keyboard/Screen (Manual),
- 2 = Magnetic Card,
- 3 = Smart Card,
- 4 = Fallback from Chip and PIN,
- 5 = Scales

Item 3 provides details of Business Events during the month. The column headings are as follows:

**COL Heading (in Row 5) Meaning**

GroupId Branch ID  
 Id      Counter Id  
 Date      Date  
 Time      Time (always GMT)  
 User      User Id  
 SU      Stock Unit  
 EPOSSTransaction\_T      Event text  
 EPOSSTransaction\_Ti      Event Type  
 Type      Event Type

LogoutAuthority If User logged Out by another user, this is the username of the User doing the Forced Log Out  
SecurityEvent\_User Not Used?

Item 4 is the raw log in xml format from which the spreadsheets have been extracted by our audit tools. It is not easy to read and very large.

Hopefully this covers what you need.

Happy to discuss further on Monday.

Regards

Gareth

**Gareth Jenkins**

**Distinguished Engineer**

**Applications Architect**

**Royal Mail Group Account**

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