3 Cross Motorcycles – Export POR Specification (Part 1)

Document History

Version	Status	Author	Description	Approved	Date
1.00	Initial	NF	Initial Version		17/12/2008
1.10	Revision	NF	Changed Definition for stock code on line		18/12/2008

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Introduction

Three Cross Motorcycles have a requirement to export Purchase Orders (PORs) from Exchequer. The POR export files created, will be in one of any of these 3 different formats :

1) Peugeot EDI

2) Softway (this covers Ducati, Moto Morini, MV & Cagiva)

3) Triumph

For this specification, we will only be implementing the first of these 3 formats : Peugeot EDI.

Limitations

The following limitations will apply to this bespoke software:

- This bespoke software will require Exchequer v6

- The bespoke software will only function within the core Accounts Application; it will not function for Exchequer for DOS or for any applications using the Import Modules or Toolkits to integrate with Exchequer.

- The bespoke software will be outside of the scope of the password security for Exchequer.

- This Plug-In will only support the 1 file format described in this document. Any addition formats required now or in the future are outside the scope of this specification and development.

- This Plug-In will only allow you to export files to directories which have 30 characters or less in their directory path.

- Where a stock item has more than 1 description line, the Plug-In will only export the first line. Additional description lines will not be exported.

- The runtime licence for the Exchequer Toolkits will not be required for this bespoke software.

- The bespoke software may need modifications for future changes to Exchequer, this should be checked with Technical Support prior to installing any upgrades.

- Any functionality not described in this specification will not be implemented in the bespoke software development.

- No assumptions should be made that functionality implemented in the bespoke software will exactly duplicate Exchequer functionality, unless specifically stated in this specification.

Contact Information

Any queries about this Plug-In or requests for changes should be done through your existing point of contact. If that person is unavailable then contact can be made with the Bespoke Business Analyst at IRIS Enterprise Software Ltd on 0844 815 5590.

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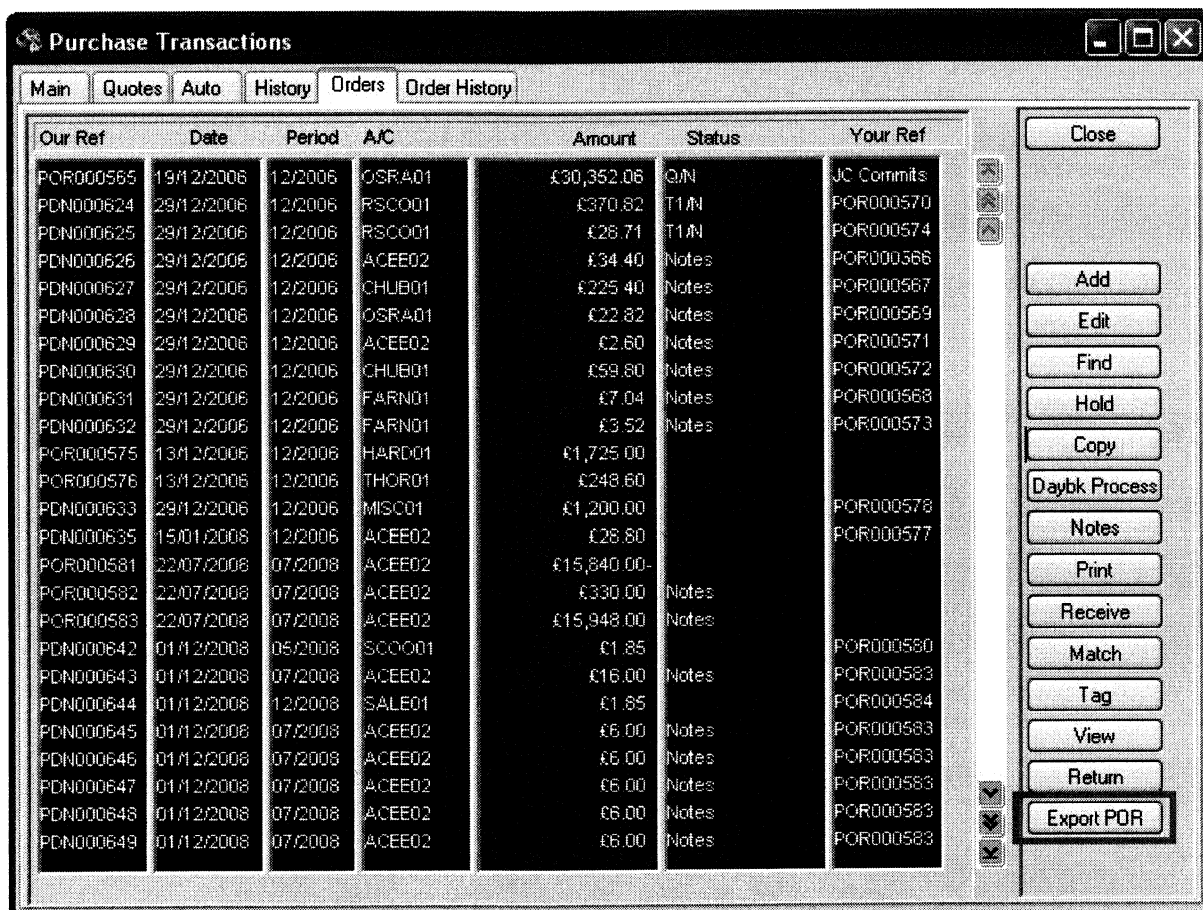
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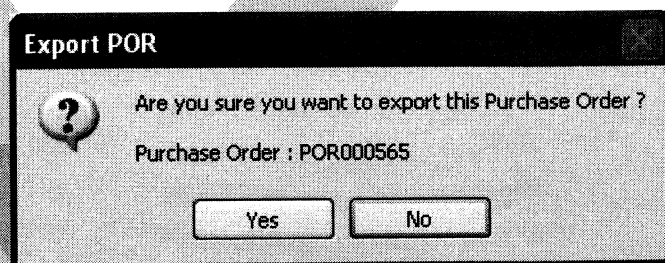
Plug-In Operation

A new custom button will be added to the Purchase Order Daybook named "Export POR" :

The user will highlight a POR in the list, and click on the "Export POR" button. When the button is clicked, a confirmation dialog will be displayed. For example :

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If the user clicks on the Yes button, then an export file will be created for the highlighted POR (Note: if the highlighted transaction is not a POR, a message will be displayed informing the user that they can only export Purchase Orders).

The Filename of the Exported File will be constructed as follows :
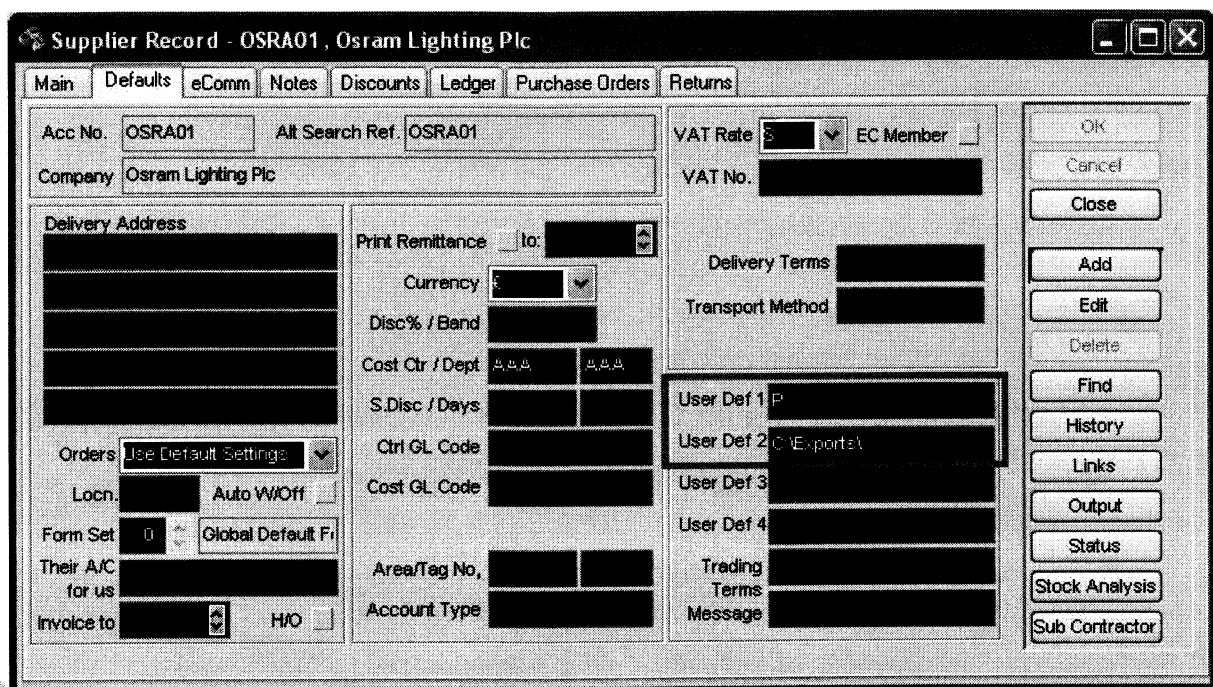
PORXXXXXX_YYYYMMDD_HHMMSS.TXT

PORXXXXXX : This will be the Our Ref for the POR (e.g. POR000123)
YYYYMMDD : This is the Current System Date in the format YYYYMMDD
HHMMSS : This is the current system time in the format HHMMSS

The file format and export directory to use for the export are defined by looking up the Supplier record for the POR (in my screenshot above this would be supplier OSRA01) :

User Defined Field 1 on the supplier record will hold the export format for the file. Possible values are as follows :

P : This denotes that the export file format for this supplier is the Peugeot EDI format.

S : This denotes that the export file format for this supplier is the Softway format (not implemented in this version)

T : This denotes that the export file format for this supplier is the Triumph format. (not implemented in this version)

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Note : If User Defined Field 1 contains a different value to those defined above, a message will be displayed stating that an invalid format is stored against the supplier.

In the example above, the file would be exported in the Peugeot format.

User Defined Field 2 on the supplier record will hold the export directory for the file. In the example above the file would be exported to the directory **C:\Exports**. The User Defined Field 2 on supplier records is limited to 30 characters, so you will not be able to export to directories which have more than 30 characters in their directory path.

Note: These 2 user defined fields will be populated manually in Exchequer, by the user.

File Format - Peugeot EDI

This file format is a fixed length, plain text file. Each line in the file is either a transaction header or a transaction line. There is a header line, which is then followed by a number of transaction lines. For example a POR with 14 lines on it, will produce a text file with 15 lines - 1 line for the transaction header, then 14 lines for the transaction lines :

```
CDPRE8091190700033654N120080923 ...(too long to show)...*
CDPRD8091190700033654001L URGENTURGENT DHL CARRIAGE      00001000010000000000000000*
CDPRD8091190700033654002756819  CALIPER                 00001000010000000000000000*
CDPRD8091190700033654003766775  MAIN HARNESS            00001000010000000000000000*
CDPRD8091190700033654004759913  LH/RH FORK TUBE         00001000010000000000000000*
CDPRD8091190700033654005768644B2HOLDER                  00001000030000000000000000*
CDPRD8091190700033654006733969  MAIN ROD                00001000020000000000000000*
CDPRD8091190700033654007752409  HOSE                    00001000010000000000000000*
CDPRD8091190700033654008734278E9LH SIDE PANEL           00001000020000000000000000*
CDPRD8091190700033654009754165  SEAL                    00001000020000000000000000*
CDPRD8091190700033654010758148  CYLINDER HEAD           00001000010000000000000000*
CDPRD8091190700033654011758164  PISTON RING SET         00001000010000000000000000*
CDPRD8091190700033654012758159  PISTON                  00001000010000000000000000*
CDPRD8091190700033654013758163  CIRCLIP                 00001000020000000000000000*
CDPRD8091190700033654014L URGENTURGENT DHL CARRIAGE      00001000010000000000000000*
```

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Peugeot EDI - Transaction Header Field Mappings

Field	Size	Pos	Compulsory	Description	Fill Value with	Toolkit Field
CODFICH	4	1	Y	type of file (spareparts order = "CDPR")	"CDPR"	-
CODENR	1	5	Y	Second part of enter code (Headerblock = "E")	"E" (for header)	-
NUMCLI	8	6	Y	Customer number	"80911907" (our account code with them)	-
REFPIE	8	14		Reference of the order	"Our Ref" field for POR trimmed (e.g. POR000123 is stored as PO000123)	thOurRef
FRANCO	1	22	Y	Franco port code	"N"	-
TYPCDE	1	23	Y	Type of order	"1"	-
DATSOU	8	24	Y	Desirable delivery date. Format = YYYYMMDD	The Delivery Date on the POR	thDueDate
NOMADS	25	32		Name of special address	Leave Blank	-
LI1ADS	25	57		Line 1 special address	Leave Blank	-
LI2ADS	25	82		Line 2 special address	Leave Blank	-
LI3ADS	25	107		Line 3 special address	Leave Blank	-
LI4ADS	25	132		Line 4 special address	Leave Blank	-
LI5ADS	25	157		Line 5 special address	Leave Blank	-
COPADS	10	182		Postal code special address	Leave Blank	-
VILADS	25	192		Town special address	Leave Blank	-
DATCRE	8	217	Y	Date of sending to computer site. Format = YYYYMMDD	System Date from Computer	-
HEUCRE	6	225	Y	Validation time of sending to computer site Format = HHMMSS	System Time from Computer	-
NBLIGN	3	231	Y	Line number detail which are attached to this header block	Number of lines on the transaction	thLines.thLineCount
CAFREC	1	234	Y	Character end of enter (*)	"*"	-

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Peugeot EDI - Transaction Line Field Mappings

Field	Size	Pos	Compulsory	Description	Fill Value with	Toolkit Field
CODFICH	4	1	Y	type of file (spareparts order = "CDPR")	"CDPR"	-
CODENR	1	5	Y	Second part of enter code	"D" (for Lines)	-
NUMCLI	8	6	Y	Customer number	"8091907" (our account code with them)	-
REFPIE	8	14		Reference of the order	"Our Ref" field for POR trimmed (e.g. POR000123 is stored as PO000123)	thOurRef (remove character 3)
NUMLIG	3	22	Y	Number of the line	Line number	Toolkit Line number
NUMART	8	25	Y	Number of this part	Stock Code for the line (trimmed to 8 Chars). Fill with Chars 3-10 of the exchequer stock code (e.g. PE12345678 becomes 12345678)	tlStockCode (3-10)
LIBART	30	33		Designation of part	Description of the Line (trimmed to 30 Chars)	tlDescr (1-30)
CONDIT	5	63	Y	Packaging	"00001"	-
QTECDE	5	68	Y	Ordered quantity (no decimals)	Line Quantity	tlQty
FLGPRO	1	73	Y	Flag Promo	"0"	-
PRIPRO	15	74	Y	Promo Price	"000000000000000"	-
CAFREC	1	89	Y	Character end of enter (*)	"*"	-

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Date 15/12/08