

## Supported Formats

Bank	Format	Parameter
Allied Irish Bank/Generic	Standard Agresso Format	GENERIC/AIB
ABN Amro	ABN Amro Format	AMRO
Standard Chartered Bank	Aries Format (CSV)	ARIES
Banco Credito Italiano	Standard Export	BTI
Bank of America	Bank of America	BOA
Bank of Scotland	Bank of Scotland Corporate Internet	BOSNET
Bank of Scotland	Corporate Banking	CORPBOS
Barclays	Business Master Direct 106 Character Layout	BAR106, STIRLING
Barclays	Business Master II ASCII Transaction Record	BARBMLITE
BNP Paribas	Standard 120 Character Export	BNP
CitiBank	Government Banking Scheme CitiBank	GBSCITI
CitiBank 2	CitiBank – shorter format	CITISHORT
CitiBank U.S.	CitiBank (U.S.)	CITIUSA
Citigroup	CitiDirect Online Banking Export	CITID
Clydesdale	Bank transaction data export file	CLYDESDALE
Cooperative Bank	Financial Director 106 Character	COOP
Coop Online	Coop Online (CSV)	COOPOL
Coop Online New	Coop Online – New format to replace COOPOL	COOPNEW
Coutts	146 character statement export	COUTTS
Crown Bank	Standard Export File	CROWN
Desk Bank	Standard Export File	DESKBANK
DFES	Standard Bank export	DFES
Dresdner	Dresdner Bank Export	DRESDNER
First Union	Standard Export File	FUNION
Girobank	Standard CSV export statement	GIROBANK
HSBC	Hexagon Export (AGRESSO Selected Fields)	WINHEX
HSBC	Standard Hexagon Export	STANDHEX
HSBC	Hexagon Export with selected fields	SHORTHEX
HSBC	Internet Banking format	HSBCNET
HSBC	Full Internet Banking format	HSBCNET2
HSBC	Internet Banking format with selected fields	HSBCNET3

HSBC	New Internet banking Format	HSBCNET4
Imperia	Standard Export File	IMPERIA
ING	ING Statement	ING
ING	ING Euro	INGEUR
JP Morgan Chase	CSV Export from Chase Insight	CHASE
Lloyds	Lloydslink APACS Export	LLOYAPAC
Lloyds	Lloyds Cash Manager	LLOYCASH
Masterline	Masterline Banking Export	MASTERLINE
Natwest	Natwest Bankline BAI v2 Format	NWBAI
Natwest	Bankline Datalink (or CARS) Standard Format	NWDATSTD
Natwest	Bankline Cashmanager	NWCASHMAN
Natwest	Bankline Datalink (or CARS) Transaction Format	NWDATLINK
Natwest	Bankline Cashmanager (No Account Number)	NWCASHXT
Natwest/RBS	Internet Bankline	BANKLINE
Northern Bank	Standard Export File	NORTHERN
Paymaster	General Office Account Export	PGO
Reliance Bank	Salvation Army Format	RELBFWID
Royal Bank Of Scotland	Royline (106 Character Export)	RBOS
Royal Bank Of Scotland	RBSI Q Foreign Payments System	RBSF
Royal Bank Of Scotland	CHOBS (Corporate Home and Office Banking Service)	CHOBSSAT
Royal Bank Of Scotland	HOBS (Home and Office Banking Service)	BOSHOBBS
Royal Bank Of Scotland	Foreign Account	RBSFA
Royal Bank Of Scotland	Royline (Tab-Delimited Character Export)	RBOSFIXED
Royal Bank Of Scotland	RBOS Sterling (Comma Delimited)	RBSSTERL
Royal Bank Of Scotland	RBOS International Bankline (Comma Delimited)	RBSINTBL
Royal Bank Of Scotland	RBOS Foreign Transactions (Comma Delimited)	RBSFORTR
RBS Tar	RBOS Tar (106 Character Fixed Width)	RBSTAR
Svenska	Svenska Handelsbanken	SVENSKA
Telebank	Long Report Source	TELEBANK

## Allied Irish Bank/Generic

**NAME:** Standard Agresso Format  
**FORMAT PARAMETER :** *GENERIC*  
**TYPE :** CSV

This format is based on an Allied Irish Bank file layout, and is used by Mentec. It is suggested that this format should be if a customer is processing a file from another format, or writing their own statement export. There are a few rules which need to be followed:

- Opening and closing balance lines will appear for all accounts and have type codes of 045 and 065 respectively. Even if the amount on the line is meaningless (e.g. a dummy amount of 0).
- Transaction identifier (Cheque No or text) will always appear left justified in the 'Text' field.
- The bank account name must be specified for the process to run.

### Data Record

EXPORT FIELD	USED	NOTES	MAX LENGTH
Record Type	*	1=Transaction line, 2=Balance Lines OTHER = ERROR	1
Date	*	dd-mm-yyyy	8
Bank ID			10
Bank ABA			8
Bank Name & Address			144
Account ID			10
Account Number	*		35
Account Name & Address			144
Type Code	*	065=Closing Bal, 045=Opening Bal	3
Type Code Name			20
Currency	*		3
Amount	*	signed	15
Value Date			8
Bank Reference			39
Customer Reference			39
Text	*	MAX LENGTH 15 CHARS	128

The statement load produces a full statement export, although not all fields are used, unused fields must appear as comma separated empty strings.

**Default Reference:** The contents of the 'Text' field is always used (15 characters maximum).

**Example of an acceptable Standard/ Allied Irish file (text is wrapped):**

1,20-10-1998,"AIB","30232001","AIB","TV3CURR1","93136544173008","TV3  
CURRENT ACCOUNT NO.4","699","Debit","IEP",-67.76,,"","500929"

**Reference Parameters:**

None

## ABN Amro

**NAME:** ABN Amro  
**FORMAT PARAMETER :** AMRO  
**TYPE :** CSV

Field	Used	Notes
Value Date	*	mm/dd/yyyy
Bank Name		
IBAN	*	
Account Code		
CCY		
Amount	*	
Book Date/Time		mm/dd/yyyy
Type		
Client Ref		
Description	*	

### Example file:

Value Date,Bank Name,IBAN (BBAN if n.a.),Account Code,Ccy,Amount,Book  
Date/Time,Type,Client Ref.,Description

12/23/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
24000,12/23/2009,NTRF,DEC TO FEB FEE,DEC TO FEB FEE

12/21/2009,ABN AMRO BANK (CHINA)CO.  
LTD,310001528,310001528ABNACNSHBJG,CNY,410.77,12/21/2009,NINT,707-SCO-00003846,

12/21/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
27000,12/21/2009,NTRF,RENTAL DEC JAN,RENTAL DEC JAN

12/21/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
27776.75,12/21/2009,NTRF,SHAN DEC SALARY,SHAN DEC SALARY

12/8/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
13000,12/8/2009,NTRF,CAR RENTAL FEE,CAR RENTAL FEE

12/8/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
21489.72,12/8/2009,NTRF,Dec-09,Dec-09

12/7/2009,ABN AMRO BANK (CHINA)CO. LTD,310001528,310001528ABNACNSHBJG,CNY,-  
11389.66,12/7/2009,NTRF,TL NOV TAX,TL NOV TAX

### Reference Parameters:

None

## Aries

**NAME:** Aries (Standard Chartered Bank)  
**FORMAT PARAMETER :** *ARIES*  
**TYPE :** CSV

Produced for DfID.

EXPORT FIELD	USED	NOTES
Company Name		
Account Number	*	
Currency Code	*	
Account Type		
Opening Ledger		
Closing Ledger		
Opening Available	*	
Closing Available		
As At Date		DD-MMM-YY
Value Date	*	DD-MMM-YY
Transaction Amount	*	
DR / CR Flag	*	C or D
Cheque Number		
Branch Code		
Transaction Reference	*	
Customer Reference		
Transaction Detail		
Processing Branch		
Bank Code		
Account Name		
Transaction Type	*	

## Example Layout

'Company Name,Account Number,Currency Code,Account Type,Opening Ledger  
Balance,Closing Ledger Balance,Opening Available Balance,Closing Available  
Balance,As At Date,Value Date,Transaction Amount,DR / CR Flag,Cheque  
Number,Branch Code,Transaction Reference,Customer Reference,Transaction  
Detail,Processing Branch,Bank Code,Account Name,Transaction Type  
'DEPARTMENT OF INTERNATIONAL  
DEVELOPMENT,52205150507,INR,CA,23472084.54,22297032.85,23472084.54,22297  
032.85,11-May-09,11-May-09,750,D,280590,522,INWARD CLG CHQ W,11,INWARD  
CLG CHQ WITHDRAWAL 280590 Cheque Clearing Lcy-debit INWARD CLG CHQ

WITHDRAWAL 280590 INDIA INTERNATIONAL CENTRE 0016 29 081001  
0001678300,522,SCBLINBBXXX,DEPARTMENT FOR INTERNATIONAL DEVP.-  
,600  
'DEPARTMENT OF INTERNATIONAL  
DEVELOPMENT,52205150507,INR,CA,23472084.54,22297032.85,23472084.54,22297  
032.85,11-May-09,11-May-09,5800,D,280654,522,INWARD CLG CHQ  
W,11,INWARD CLG CHQ WITHDRAWAL 280654 Cheque Clearing Lcy-debit  
INWARD CLG CHQ WITHDRAWAL 280654 BSES 0240 29 081001  
0001680917,522,SCBLINBBXXX,DEPARTMENT FOR INTERNATIONAL DEVP.-  
,600  
'DEPARTMENT OF INTERNATIONAL  
DEVELOPMENT,52205150507,INR,CA,23472084.54,22297032.85,23472084.54,22297  
032.85,11-May-09,11-May-09,1220,D,280655,522,INWARD CLG CHQ  
W,11,INWARD CLG CHQ WITHDRAWAL 280655 Cheque Clearing Lcy-debit  
INWARD CLG CHQ WITHDRAWAL 280655 BSES 0240 29 081001  
0001680918,522,SCBLINBBXXX,DEPARTMENT FOR INTERNATIONAL DEVP.-  
,600  
'DEPARTMENT OF INTERNATIONAL  
DEVELOPMENT,52205150507,INR,CA,23472084.54,22297032.85,23472084.54,22297  
032.85,11-May-09,11-May-09,8540,D,280659,522,INWARD CLG CHQ  
W,11,INWARD CLG CHQ WITHDRAWAL 280659 Cheque Clearing Lcy-debit  
INWARD CLG CHQ WITHDRAWAL 280659 BSES 0240 29 081001  
0001680919,522,SCBLINBBXXX,DEPARTMENT FOR INTERNATIONAL DEVP.-  
,600

**Reference Parameters:**

None

## Banco Credito Italiano

**NAME:** Standard Export

**FORMAT PARAMETER :** BTI

**TYPE :** FIXED WIDTH

According to the documentation supplied the statement consists of nested records, each line begins with a flag (RH,EF,61,62,63,64,65). Actual statements do not match documentation. The process only uses data from type 61 and 62 lines. 61 should hold the account and currency, 62 is the transaction record. All other lines are not read.

See manual Standard Tecnici (Sezione V) for documentation (In Italian).

### Type 61 Line

Position	Field
63 - 74	Bank Account
75 - 77	Currency Code

### Type 62 Line

Position	Field	Used	Notes
1-	filler		blank
2-3	record type	*	fixed code "62"
4-10	number		
11-13	counter		
14-19	value date		
20-25	accounting date	*	transaction date
26-	sign	*	D (Debit) - C (Credit)
27-41	Amount	*	
42-43	ABI motive/reason	*	Transaction code
44-45	internal motive		motive/reason according to the coding of the bank
46-61	Cheque number	*	cheque no If Transaction code = 13 else blank
62-77	Bank reference		transaction reference assigned by the bank
78-86	Customer reference		if Transaction code "26" or "90" NROSUPCBI" for italian and "PAYORDREF" for foreign transactions.
87 - 120	Description		



**Default Reference :** Use contents of the field 'internal motive'

**A full Banco Credito Italiano Export is too complex to show here.**

**Reference Parameters:**

“BTI”: Removes lead zeroes from account number

## Bank of America

**NAME:** Bank of America  
**FORMAT PARAMETER :** BOA  
**TYPE :** COMMA DELIMITED VARIABLE WIDTH

### Data Record

Field	Agresso Field	Notes
As Of	voucher_date	dd/mm/yyyy
Currency	bank_curr	
BankID Type		
BankID		
Account	bank_account	
Data Type		Used to determine credit/debit
BAI Code		
Description	description	
Amount	amount	
Balance/Value Date		
Customer Reference		
Immediate Availability		
1 Day Float		
2+ Day Float		
Bank Reference		
Text		Split between bank_text1, bank_text2 etc

### Example of a Bank of America Internet Banking CSV file in 'BOA' format which can be loaded:

27/05/2011,USD,ABA,111000012,4427145735,Credits,275,ZBA  
CREDIT,7428.36,,3756450846,7428.36,0,0,722151030,TRSF FR 3756450846

27/05/2011,USD,ABA,111000012,4427145735,Debits,491,OUTGOING INTERNL MONEY  
TRNSFR,1582.54,,0,,,370121269,WIRE TYPE:BOOK OUT DATE:110527 TIME:1015 ET  
TRN:2011052700121269 RELATED REF:11052721D000006 BNF:FRANCISCO J  
GOMEZ ID:483004218020

27/05/2011,USD,ABA,111000012,4427145735,Debits,495,OUTGOING MONEY TRANSFER  
DEBIT,4125,,0,,,370121270,WIRE TYPE:WIRE OUT DATE:110527 TIME:0812 ET  
TRN:2011052700121270 SERVICE REF:002559 BNF:INTERNATIONAL CABLING  
SYST ID:097072471765 BNF BK:JPMORGAN CHASE BANK NA ID:021000021  
PMT DET:110527450002

### Reference Parameters:

None

## Bank of Scotland

### (Bank of Scotland Corporate Internet Statement)

**NAME:** BANK OF SCOTLAND  
**FORMAT PARAMETER :** *BOSNET*  
**TYPE :** COMMA DELIMITED VARIABLE WIDTH

#### Data Record

Field	Content	Notes
POSTING DATE	Date	yyyymmdd
AMOUNT	Amount	
POSTING TYPE	Posting Type	
DESCRIPTION	Description	
TRANS TYPE	Transaction Type	"C" or "D"
FLAG	Flag	"F"
SORT CODE	Sort Code	
ACCOUNT	Account	

**Example of a Bank of Scotland Internet Banking CSV file in 'BOSNET' format which can be loaded:**

```
"20070402","0.01","S/O","Test Transfer 1","D","F","102030","12345678"  
"20070402","0.01","CDT","Test Transfer 2","D","F","102030","12345678"  
"20070402","1.01","CDT","Test Transfer 3","D","F","102030","12345678"  
"20070403","0.01","S/O","Test Transfer 4","D","F","102030","12345678"
```

#### Reference Parameters:

"PAISLEY": Specific formatting for University of Paisley

## Bank of Scotland (Internet Banking Format)

**NAME:** BANK OF SCOTLAND  
**FORMAT PARAMETER :** CORPBOS  
**TYPE :** COMMA DELIMITED VARIABLE WIDTH

### Data Record

Field	Content	Notes
DATE	Date	dd/mm/yyyy
DESCRIPTION	Description	
TYPE	Payment Type	
AMOUNT	Amount	
BALANCE	Balance	

**Example of a Bank of Scotland Internet Banking CSV file in 'CORPBOS' format which can be loaded:**

Date	Description	Type	Amount	Balance
28/11/2007	9000691	CDT	£9,711.25	£61,430.88
28/11/2007	11629	CHQ	-£79.25	
28/11/2007	CIB MONTHLY CHARGE BLYTH CONSULTING TRANSFER TO 80312006002338 INTER A/C	S/O	-£50.00	
27/11/2007	TRANSFER	DBT	-£35,000.00	£51,848.88
27/11/2007	CREST NICHOLSON 711233	CDT	£32,900.00	
27/11/2007	DSM NUTRITIONAL PR INV2332SAPNO0100	CDT	£4,378.05	
26/11/2007	BACS DIRECT PAYMENT PURCHASE LEDGER TRANSFER FROM 80312006002338 INTER A/C	DBT	-£13,571.25	£49,570.83
26/11/2007	TRANSFER	CDT	£120,000.00	

### Reference Parameters:

None

# Barclays Bank

**NAME:** *Business Master Direct 106 Character Layout*

**FORMAT PARAMETER :** *BAR106, STIRLING*

**TYPE :** FIXED WIDTH, 106 character

BusinessMaster Direct provides a dial-in service whereby customers can receive statement information via a direct telecom link.

The process loads statement information held in the 106 character Accounting Entry Data Record (see page 34 of the BusinessMaster Direct manual). Data held on file header and footer lines (FLH and FLT) is not read.

## Data Record

Position	Field	Used	Notes
1-6	Sort Code		
7-14	Account Number	*	
15	Input Type		
16-17	Transaction Code	*	
18-23	BACS or Standing Order Item		
24-31	Originating Bank Account		
32-35	Unused		
36-46	Amount	*	Pence, unsigned
47-64	BACS / STO Customer Name		
65-82	Reference	*	If Cheque number in pos 65-70
83-100	Unused		
101-106	Transaction Date	*	Julian

**Default Reference :** If the Reference Field has something in it - use it.  
Otherwise Use the contents of the BACS or Standing Order Item field.

**Example of a Business Master 106 character file which can be loaded (text is wrapped):**

```
FLH122222T96CART0196CARTF0201400106982419825160017280898
20906960347625111000000000000000000000000057280      014952
98215
20906960347625111000000000000000000000000001500      015056
98215
209069603476251110000000000000000000000000026800      015079
98215
```

## Reference Parameters:

“STIRLING”: Specific for Sterling.

## Barclays Bank

**NAME:** *Business Master II ASCII Transaction Record*  
**FORMAT PARAMETER :** **BARBMLITE**  
**TYPE :** COMMA DELIMITED

Barclays Businessmaster II allows the user to produce a statement export in 3 different formats (e.g. DIF, ASCII and BAI). The customer must provide us with a file exported using the **ASCII** option.

The process loads ASCII Transaction Records (see page 13 of BusinessMaster II manual), any header and footer records and data they contain are *not* read by the program.

### Data Record

Field	Used	Notes
GROUP		
ACC ID		
ACCOUNT NO	*	
TYPE		
SORT CODE		
CURRENCY	*	
ENTRY DATE	*	
AS AT		
AMOUNT	*	
TLA CODE	*	
CHEQUE NO	*	
STATUS		
DESCRIPTION	*	

**Default Reference :** If the cheque number field is numeric and non-zero use this. Otherwise use the left 15 characters of the Description field.

### Example of a Business Master 'Lite' file which can be loaded (text is wrapped):

```
"BBM Transaction exported at 10:54 06/01/99"  
"GROUP","ACC ID","ACCOUNT NO","TYPE","SORT CODE","CURR","ENTRY  
DATE","AS AT","AMOUNT","TLA CODE","CHEQUE  
NO","STATUS","DESCRIPTION"  
"01","0010","50712046","","34-87-  
94","GBP","05/01/99","Close",28264.99,"","000000","C","  
00766054"
```

20-87-94

"01","0010","50712046"," ", "34-87-94","GBP","05/01/99","Close",-  
4.08,"","022954","","CHEQUE"  
"01","0010","50712046"," ", "34-87-94","GBP","05/01/99","Close",-  
4.76,"","022946","","CHEQUE"

**Reference Parameters:**

“BATH”: Will populate ext\_trans\_type field with ‘TLA’ field from file

“HAMBLE”: If ‘CHEQUE NO’ field has a value then populate description field with it, otherwise use ‘TLA CODE’ field instead

“QMARY”: Populate description field with ‘DESCRIPTION’ field

(Default is to use the ‘CHEQUE NO’ field if populated, otherwise ‘DESCRIPTION’)

## BNP Paribas

**NAME:** *Standard 120 Character Export*  
**FORMAT PARAMETER:** *BNP*  
**TYPE:** *FIXED*

### Data Record

Nom des données	O/F (1)	Type (2)	Pos.	Long.	Contenu ou commentaires
Code enregistrement	O	N	1-2	2	"04"
Code banque	O	N	3-7	5	
Code opération BNP	O	N	8-11	4	
Code guichet	O	N	12-16	5	
Code devise ISO	O	A	17-19	3	cf. annexe 1
Nombre de decimals	O	N	20	1	nb décimales du montant
Indice MMO	F	A/N	21	1	cf. annexe 5
N° de compte	O	A/N	22-32	11	
Code opération interbancaire	O	A/N	33-34	2	
Date operation	O	N	35-40	6	JJMMAA
Code motif rejet	F	N	41-42	2	Renseigné pour les codes correspondant à des impayés ou rejets (cf. annexe 2)
Date valeur	O	N	43-48	6	
Libellé interne	O	A/N	49-79	31	cas particuliers en annexe 4
Code operation	O	N	80-81	2	
N° d'écriture	F	A/N	82-88	7	n° de chèque, n° de remise (enrgt émetteur de la remise); sinon mise à 0
Exonération	F	N	89	1	"1" = exonéré de commission de cpte "0" = soumis à commission de cpte
Indice indisponibilité	F	N	90	1	"1" = indisponible "0" = disponible
Montant	O	N	91-104	14	cadre à droite complété par des 0 <sup>1</sup>
Zone reference	F	A/N-	105-120	16	cas particuliers en annexe 4
Longueur de l'enregistrement				120	

**Default Reference:** 'No d'écriture' (pos 82-88) for all transactions

### Example of a BNP File (text wrapped):

```
0130004 01857FRF2 00010018578 240801 0000314865900C
0430004080601857FRF2F0001001857827240801 190801RETOUR 00001 PRELEVEMENT(S)
ECH 00000000 0000000033322PEANCE 20-08-2001
0430004000101857FRF2F0001001857801270801 250801CHEQUE N.0079773
00797730 0000000001872K
0430004000101857FRF2F0001001857801270801 250801CHEQUE N.0079691
00796910 0000000001899}
```

### Reference Parameters:

None



## GBS CITIBANK

**NAME:** *Government Banking Scheme CitiBank*

**FORMAT PARAMETER:** *GBSCITI*

**TYPE:** *CSV*

Field	Used	Notes
Bank Name		
Customer Number		
Customer Name		
Branch No/Name		
Branch Number		
Account Name		
IBAN Number	*	Chars 15-22: bank account
Acc Currency/Type		
Account Currency	*	
Last Entry Date		
Entry Date	*	dd/mm/yyyy
Product Type	*	
Trans Description	*	
Value Date		
Bank Reference		
Customer Ref		
Confirmation Ref		
By Order of		
Amount	*	
Transaction Curr		
Blank		
Credit Count		
Total Credit Amount		
Transaction Curr		
Debit Count		
Total Debit Amount		
Net Amount		
Grand Total		
Transaction Curr		

### Reference Parameters:

None

## CITIBANK SHORT

**NAME:** *Government Banking Scheme CitiBank*

**FORMAT PARAMETER:** *CITISHORT*

**TYPE:** CSV

Field	Used	Notes
Bank Name		
Customer Number / Name		
Branch Number / Name		
Account Number / Name		
IBAN Number	*	Chars 9-15: sort code / chars 15-22: Bank Acct
Account Currency / Type	*	
Entry Date	*	Dd/mm/yyyy
Product Type		
Transaction Date	*	
Value Date		
Bank Ref		
Customer Ref	*	
Confirmation Ref		
By Order Of / Beneficiary		
Amount	*	
Transaction Currency	*	

### Reference Parameters:

None

## CITIBANK U.S.

**NAME:** *CitiBank U.S.*

**FORMAT PARAMETER:** *CITIUSA*

**TYPE:** CSV

Field	Used	Notes
Date	*	mm/dd/yyyy
Description	*	
Amount	*	

Note: Account number is not in the file so the account number parameter must be populated.

### Example file:

11/30/2010,Check #4261,-1568.00,475,4261

11/30/2010,BA FUNDS TRN OUT WIRE TO Market Front Associates,-12829.00,495,

11/30/2010,WIRE TO JBG/Rockwood 1101K LLC,-20564.28,495,

11/30/2010,BA FUNDS TRN OUT WIRE TO STANWICH GROUP LLC,-27333.33,495,

### Reference Parameters:

“USD”: Defaults currency to US dollars

## CITIDIRECT

**NAME:** *CitiDirect Format*  
**FORMAT PARAMETER:** *CITID*  
**TYPE:** CSV

### Header/Balance Line:

- 1 Record Type (always 01)
- 2 Bank Code
- 3 Account number
- 4 Statement Number
- 5 Statement Date
- 6 Currency
- 7 Opening Balance
- 8 Closing Balance
- 9 Available Balance Date
- 10 Fr Bal (don't know what this field is, but not used)

### Transaction Line:

- 1 Record Type (always 16)
- 2 Value Date (yymmdd)
- 3 Entry Date (yymmdd)
- 4 Customer Reference
- 5 Amount (pounds)
- 6 Amount (pence)
- 7 Bank Reference
- 8 Customer Reference
- 9 – 21 There are 13 more fields which are expected by Bank Statement Load (although none of them are actually used).

### Reference Parameters:

None

## CLYDESDALE

**NAME:** *Bank transaction data export file*  
**FORMAT PARAMETER :** *CLYDESDALE*  
**TYPE :** COMMA DELIMITED

Standard Clydesdale Bank transaction data export file.

### Data Record

The output file contains too many fields to document here – and many fields are redundant.

**Default Reference :** Uses the REFERENCE field from the file.

### Example of a Clydesdale file which can be loaded (text is wrapped):

```
"20020627","000000000","82200090007995CA",640,640,"931","Total Forecast Items -  
Credit",75106.93  
"20020627","000000000","82200090007995CA",640,640,"971","Total Forecast Items -  
Debit",0.00  
"20020627","000000000","82200090007995CA",640,640,"932","Interest Accrued -  
Credit",0.00  
"20020627","000000000","82200090007995CA",640,640,"972","Interest accrued -  
Debit",0.00
```

### Reference Parameters:

“FULL”: Reads in the full account number field rather than last 8 digits

“GLASGOW”: If currency is USD or EUR, the value in field 11 is used as the description, otherwise field 9 is used.

(Default description field is field 9 from the import file)

## Cooperative Bank

**NAME:** FINANCIAL DIRECTOR 106 CHAR RECORD

**FORMAT PARAMETER :** COOP

**TYPE :** FIXED WIDTH, 106 character

The Cooperative Bank download statement data into the customer's system via Financial Director.

The process loads statement information held in the **106 character Non Automated Debits and Credits Record** (see page 13 of the Financial Director manual). Data held on file header and footer lines (FLH and FLT) is not read.

### Data Record

Position	Field	Used	Notes
1-6	SORT CODE		
7-14	ACCOUNT NO	*	
15	ACC TYPE		
16-17	TRANSACTION CODE	*	
18-31	CLEARING REFERENCE		
32-35	RESERVED		
36-46	AMOUNT	*	Pence, unsigned
47-64	DESCRIPTION		
65-82	REFERENCE/SERIAL NO	*	If cheque 6 numerics then 12 blanks
83-100	SOURCE DESCRIPTION		
101-106	ENTRY DATE	*	

**Default Reference :** No standard - CBS have Stopped using this format

### Example of a Financial Director file which can be loaded (text is wrapped):

```
0800515004542302508010097999001000000172081075CHAPS PAYMENT
VESRHIRE BUILDING CHAPS U00000026 98222
0800515004542303700000000000000000000006000000      000000
98222
0800515004542303700000000000000000000000207695000002      000002
DR.CLG. SECTION 1 98222
```

### Reference Parameters:

“DACORUM”: Uses slightly different file format (3 digit currency field rather than 4 digit ‘RESERVED’ field)

Also loads the ‘ORIG NAME’ field into the description if populated or the ‘CHQ ITEM’ otherwise

“BURY”: Load CHQ ITEM (Reference/Serial No.) and the correct date as 30/10/2012 (otherwise, deducts 6 months)

“GT”: Date formatting – Enters the correct date as 30/10/2012 and uses the ‘Description’ (ORIG NAME) column (otherwise, deducts 6 months)

“OX”: Alternative date formatting – Enters the correct date as 30/10/2012 and uses the ‘Description’ (ORIG NAME) column (otherwise, deducts 6 months)

Default description (if TRANS CODE = 13) is BANK SORT and CLEARING REF. Otherwise (if TRANS CODE <> 13) CHQ ITEM is used.

## COOP ONLINE

**NAME:** COOP ONLINE  
**FORMAT PARAMETER :** COOPOL  
**TYPE :** CSV

Field	Used	Notes
Date	*	yyyymmdd
Data1		
Account	*	
Data2		
Data3		
Transaction Ref	*	
Transaction Description		
Amount	*	
Details	*	
Additional Details		
Sort Code		
Currency	*	

### SAMPLE:

"20090902","11111111","0890076101284600",10,10,"455","Direct Debit",1640122.94,"BACS","972521","08900761012846","GBP"

"20090902","11111111","0890076101284600",10,10,"468","Unpaid Direct Debit",45.50,"110981","PARENT-GUARDIAN OF","657585","GBP"

"20090902","11111111","0890076101284600",10,10,"468","Unpaid Direct Debit",25.50,"108967","PARENT-GUARDIAN OF","883006","GBP"

"20090902","11111111","0890076101284600",10,10,"468","Unpaid Direct Debit",25.50,"111036","PARENT-GUARDIAN OF","883006","GBP"

"20090902","11111111","0890076101284600",10,10,"468","Unpaid Direct Debit",25.50,"111130","PARENT-GUARDIAN OF","970142","GBP"

### Reference Parameters:

“ATTR”: Specific upload using attributes for Momouthshire CC.

Specific setup can be viewed in the “Monmouthshire Attribute Setup.doc” document.



## COOP ONLINE NEW

**NAME:** COOP ONLINE  
**FORMAT PARAMETER :** COOPNEW  
**TYPE :** CSV

Field	Used	Notes
Date	*	dd/mm/yyyy
Account Number	*	
Account		
Transaction Code		
Transaction Description	*	
Credit	*	
Debit	*	
Currency	*	
Bank Reference	*	
Customer Reference		
Additional Information		

### SAMPLE:

Date,Account Number,Account,Transaction Code,Transaction Description,Credit ,Debit  
,Currency,Bank Reference,Customer Reference,Additional Information

05/07/2011,'0890066107006600,GATESHEAD MBC - GENERAL,980,Dr/Voucher Serial  
No.,,3507.09,GBP,0,8.9292E+12,

05/07/2011,'0890066107006600,GATESHEAD MBC -  
GENERAL,475,Cheque,,245,GBP,7.7089E+15,434586,275741

05/07/2011,'0890066107006600,GATESHEAD MBC -  
GENERAL,475,Cheque,,5,GBP,7.7113E+15,435366,532204

05/07/2011,'0890066107006600,GATESHEAD MBC -  
GENERAL,475,Cheque,,3537.04,GBP,7.71215E+15,435954,121698

### Reference Parameters:

None

## COUTTS Bank

**NAME:** COUTTS BANK STATEMENT EXPORT  
**FORMAT PARAMETER :** *COUTTS*  
**TYPE :** FIXED WIDTH, 146(?) character

Generally this statement format holds all the required information on a single line, as described in the table below. In some case though, the transaction reference is repeated on a second continuation line. The only means of identifying this line appears to be whether it begins with a date or not (required lines begin with a date in the format dd/mm/yyyy). We therefore ignore any lines that do not begin with a date and derive all the required transaction reference information from the first line's narrative field.

### Data Record

Position	Field	Used	Notes
1-10	Date	*	Dd/mm/yyyy
11-13	Transaction Type		
14-48	Account Number	*	
49-51	Currency	*	
52-73	Amount	*	signed
74-146	Narrative	*	Cheques preceded by CHQ

**Default Reference :** The first 15 characters of the narrative field are used as a reference, unless the initial 3 characters are 'CHQ'. In this instance the CHQ and leading spaces are stripped off leaving the cheque number to be loaded

### Example of a COUTTS file which can be loaded:

(note that 'continuation lines' – which begin with something other than a date – are ignored)

12/10/200169903595335	GBP-1247000.000	CHAPS
PAYMENT A O SHIP		
A O SHIP		
12/10/200169903595335	GBP-100000.000	TRANSFER TO
3500028		
12/10/200169903595335	GBP-65800.000	CHQ 143231

### Reference Parameters:

"LTA": Removes leading zeroes from the cheque number (taken from NARRATIVE field)

## CROWN BANK

**NAME:** CROWN EXPORT FILE  
**FORMAT PARAMETER :** CROWN  
**TYPE :** FIXED WIDTH, Julian Dates

Standard Crown Bank export.

### Data Record

Field	Used	Notes
Account	*	Account Code
Amount	*	Amount
Reference	*	Reference
Date	*	Transaction Date
Currency	*	Currency

**Default Reference :** Uses the files REFERENCE field.

### Example of a Crown export file which can be loaded (text is wrapped):

03326640	18.000	MV-JEWISH CAR-1301
15/01/03 GBP		
03326640	12.000	BARRY CHERNOFF 2003381
15/01/03 GBP		
03326640	8.000	THE CBFWJR E.86
15/01/03 GBP		
03326640	10.500	SIMMONDS B 1922780.GC04
15/01/03 GBP		
03326640	10.000	LIEBREICH MDJ I23672.MR01
15/01/03 GBP		
03326640	10.000	ENGEL L PP 38347.MPA02
15/01/03 GBP		
03326640	12798.990	RECD
15/01/03 GBP		

### Reference Parameters:

None

## DESK BANK

**NAME:** DESKBANK EXPORT FILE  
**FORMAT PARAMETER :** DESKBANK  
**TYPE :** CSV

Standard DeskBank export.

### Data Record

Field	Used	Notes
TRAN_DATE	Date	Date
ACCOUNT_NO	Account Numbe	Account Number
ACCOUNT_NAME		Account Name
CCY	Currency	Currency
Currency		Currency
CLOSING_BAL		Closing Balance
AMOUNT	Amount	Signed Amount
TRAN_CODE		Transaction Code
NARRATIVE	Description	Description
SERIAL		Serial Description

**Default Reference :** Uses the files NARRATIVE field.

**Example of a Deskbank export file which can be loaded (text is wrapped):**

TRAN\_DATE , ACCOUNT\_NO, ACCOUNT\_NAME, CCY, CLOSING\_BAL,  
AMOUNT, TRAN\_CODE, NARRATIVE, SERIAL  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
1760.00,000,"WITHDRAWAL/CHEQUE 046875",0046875  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
275.00,000,"WITHDRAWAL/CHEQUE 046883",0046883  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
50905.00,000,"WITHDRAWAL/CHEQUE 047389",0047389  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
10938.00,000,"WITHDRAWAL/CHEQUE 047391",0047391  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
5469.00,000,"WITHDRAWAL/CHEQUE 047394",0047394  
20040827,032000712995,"AUD GENERAL AC",AUD,31191618.06,-  
5469.00,000,"WITHDRAWAL/CHEQUE 047395",0047395

### Reference Parameters:

None

## DFES

**NAME:** DFES EXPORT FILE S  
**FORMAT PARAMETER :** *DFES*  
**TYPE :** CSV

Standard DFES Bank export.

### **Data Record:**

There is no set way to include all the formats for which this BSL format can be used. There is code within the file to determine which transaction filetype is being loaded, which then detects and implements the relevant internal format.

For further details, please refer to the code, which is commented clearly.

### **Reference Parameters:**

None

## DRESDNER BANK STATEMENT

**NAME:** DRESDNER BANK STATEMENT

**FORMAT PARAMETER :** DRESDNER

**TYPE :** FIXED WIDTH (WITH SEMI COLON DELIMITERS)

Field Name	Position	Length
Bank	1	12
<i>Semi-Colon as Delimiter</i>	13	1
A/c. number export	14	34
<i>Semi-Colon as Delimiter</i>	48	1
Statement	49	5
<i>Semi-Colon as Delimiter</i>	54	1
Statement date	55	8
<i>Semi-Colon as Delimiter</i>	63	1
Value date	64	8
<i>Semi-Colon as Delimiter</i>	72	1
Entry	73	8
<i>Semi-Colon as Delimiter</i>	81	1
Amount	82	23
<i>Semi-Colon as Delimiter</i>	105	1
Ord.Party/Receiver	106	27
<i>Semi-Colon as Delimiter</i>	133	1
Ord. party 2	134	27
<i>Semi-Colon as Delimiter</i>	161	1
Ord. party bank	162	12
<i>Semi-Colon as Delimiter</i>	174	1
Ord. party a/c.	175	24
<i>Semi-Colon as Delimiter</i>	199	1
Details 1	200	27
<i>Semi-Colon as Delimiter</i>	227	1
Details 2	228	27
<i>Semi-Colon as Delimiter</i>	255	1
Details 3	256	27
<i>Semi-Colon as Delimiter</i>	283	1
Details 4	284	27
<i>Semi-Colon as Delimiter</i>	311	1
TTC	312	3
<i>Semi-Colon as Delimiter</i>	315	1
Currency	316	3
<i>Semi-Colon as Delimiter</i>	319	1
Entry text	320	27
<i>Semi-Colon as Delimiter</i>	347	1
Details 5	348	27
<i>Semi-Colon as Delimiter</i>	375	1
Details 6	376	27
<i>Semi-Colon as Delimiter</i>	403	1

Details 7	404	27
<i>Semi-Colon as Delimiter</i>	431	1
Details 8	432	27
<i>Semi-Colon as Delimiter</i>	459	1
Details 9	460	27
<i>Semi-Colon as Delimiter</i>	487	1
Details 10	488	27
<i>Semi-Colon as Delimiter</i>	515	1
Original amount	516	23
<i>Semi-Colon as Delimiter</i>	539	1
Currency original	540	3
<i>Semi-Colon as Delimiter</i>	543	1
Equivalent amount	544	23
<i>Semi-Colon as Delimiter</i>	567	1
Equivalent currency	568	3

### Example of a Dresdner file which can be loaded (text is wrapped):

Bank;A/c. number export;Statement;Statement date;Value  
date;Entry;Amount;Ord.Party/Receiver;Ord. party 2;Ord. party bank;Ord. party  
a/c.;Details 1;Details 2;Details 3;Details 4;TTC;Currency;Entry text;Details  
5;Details 6;Details 7;Details 8;Details 9;Details 10;Original amount;Currency  
original;Equivalent amount;Equivalent currency  
50080000 ;976282600888 ; 147;01.08.07;01.08.07;01.08.07;  
108,96;ANDRE MICHL ; ;44152370 ;01031034  
;190610139560588999953503400;BLZ:44152370 KTO:0103103479;  
; ;051;EUR;CREDIT ; ;  
; ; ; ; ;  
0,00; ; 0,00;  
50080000 ;976282600888 ; 147;01.08.07;01.08.07;01.08.07;  
168,64;EV.MELANCHTHON-AKADEMIE ; ;35060190 ;101  
;BU-NR.ECLFTVN PFR.BOCK ;BLZ:35060190 KTO:1011738016;  
; ;051;EUR;CREDIT ; ;  
; ; ; ; ;  
0,00; ; 0,00;  
50080000 ;976282600888 ; 147;01.08.07;01.08.07;01.08.07;  
520,00;WALKOWSKI, IRENE ; ;42850035 ;0100317288  
;BLZ:42850035 KTO:0100317288; ; ;  
;051;EUR;CREDIT ; ; ;  
; ; ; ; 0,00; ;  
0,00;

### Reference Parameters:

“EASYJ”: Specific formatting for EasyJet. Populates all 10 Bank Text fields

## FIRST UNION

**NAME:** FIRST UNION EXPORT FILE  
**FORMAT PARAMETER :** *FUNION*  
**TYPE :** COMMA DELIMITED

Standard First Union export file.

### Data Record

Field	Used	Notes
Account Number	*	Account Number
Account Name		Account Name
Post Date	*	Transaction Date
Amount	*	Amount
Serial Number		Transaction Serial Number
Transaction Code	*	Transaction Type Code
Transaction Description	*	Transaction Description
Sequence Number	*	Sequence Number
Description	*	Description

**Default Reference :** Uses differing descriptions, based around Transaction Codes.

### Example of a First Union file which can be loaded (text is wrapped):

```
"2000454580242","CHECKING",11/14/2002,22247.64,"","143","ZBA TRANS CR","","ZBA  
TRANSFER CREDITTRANSFER FROM 2000108310917 BRITISH TECHNOL","0"  
"2000454580242","CHECKING",11/13/2002,13118.08,"","143","ZBA TRANS CR","","ZBA  
TRANSFER CREDITTRANSFER FROM 2000108310917 BRITISH TECHNOL","0"  
"2000454580242","CHECKING",11/12/2002,48171.17,"","143","ZBA TRANS CR","","ZBA  
TRANSFER CREDITTRANSFER FROM 2000108310917 BRITISH TECHNOL","0"  
"2000454580242","CHECKING",11/12/2002,862.51,"","143","ZBA TRANS CR","","ZBA  
TRANSFER CREDITTRANSFER FROM 2000108310917 BRITISH TECHNOL","0"
```

### Reference Parameters:

None



## Girobank

**NAME:** GIROBANK CSV STATEMENT  
**FORMAT PARAMETER:** *GIROBANK*  
**TYPE:** COMMA DELIMITED, VARIABLE WIDTH

### Data Record

FIELD	USED	NOTES	MAX LENGTH
Bank Code			8 char
Account Code	*		23 char
Transaction Date	*	dddddd (01/01/1900 = day1)	5 char
Value Date		dddddd (01/01/1900 = day1)	5 char
Currency Code	*		5 char
Amount	*		19 char
Description	*		12 char
Text Description	*		130 char
Bank Reference	*		12 char
Filler			2 char

**Default Reference:** Use the contents of the Bank Reference field

### Example of an acceptable Reliance Bank Line statement :

```
"GIRPLC","1382659",36585,36585,"GBP",7.80,"TRANSCASH","98269078000500003","  
90992745",""  
"GIRPLC","1382659",36585,36585,"GBP",43.26,"TRANSCASH","98269078000500008"  
,"90992739",""  
"GIRPLC","1382659",36585,36585,"GBP",22.32,"TRANSCASH","98269078000500030"  
,"90979420",""  
"GIRPLC","1382659",36585,36585,"GBP",19.32,"TRANSCASH","9826907800003132","  
90979464",""  
"GIRPLC","1382659",36585,36585,"GBP",45.22,"TRANSCASH","98269078050004726"  
,"90999027",""  
"GIRPLC","1382659",36585,36585,"GBP",2.50,"TRANSCASH","982690780005000566"  
5,"90992748",""  
"GIRPLC","1382659",36585,36585,"GBP",49.03,"TRANSCASH","982690780005000"  
5699","90992706",""
```

### Reference Parameters:

None

## HSBC (WINHEX)

**NAME:** HEXAGON SYSTEM EXPORT (Selected Fields, CSV Export)  
**FORMAT PARAMETER :** WINHEX  
**TYPE :** CSV

**This is now the only HSBC format supported.** It is much simpler than previous formats and was developed in association with an Agresso customer using Hexagon for windows. The Hexagon system can be used to customise the Hexagon output to export the following fields in order, into what we call the 'WINHEX' format

Field header lines are optional

### Data Record

Field	Content	Notes
ACCOUNTNO	Account number	In some cases this contains sort code +account number - if so the bank account number in Agresso (see earlier notes) must be of the same form!
XACTDATE	Transaction date	yyyymmdd format
CCYCODE	Currency code	
FIELDAMOUN	Transaction amount	
TEXTLINE1	Transaction reference	

**Default Reference :** Left hand 15 characters of the reference field.

### Example of a Hexagon CSV file in 'WINHEX' format which can be loaded:

```
"ACCOUNTNO","XACTDATE","CCYCODE","FIELDAMOUN","TEXTLINE1"  
"12345678","20000620","GBP","400.00","STEVESREF0"  
"12345678","20000620","GBP","250.00","STEVESREF1"  
"12345678","20000620","GBP","30.00","123456"  
"12345678","20000620","GBP","44.60","654321"
```

**Reference Parameters:**

“X”: Account number from field 1 (position 7 onwards), date from field 2 (yyyymmdd)

“NETA”: Account number from field 1 (position 7 onwards), date from field 2 (mm/dd/yyyy)

“NETE”: Account number from field 1 (position 7 onwards), date from field 2 (dd/mm/yyyy)

“NETE2”: Account number from field 1 (position 8 onwards), date from field 2 (dd/mm/yyyy)

“NETE3”: Account number is sort code from field 1 (pos 1-6) and appends account number from field 1 (position 8 onwards), date comes from field 2 (dd/mm/yyyy or m/dd/yyyy)

“SMITHS”: Account number from field 1 (position 8 onwards), date from field 2 (dd/mm/yyyy or m/dd/yyyy)

“CENT”: Looks to be the same as above

“WT”: Account number is sort code from field 1 (pos 1-6) and appends account number from field 1 (position 8 onwards), date comes from field 2 (dd/mm/yyyy)

Default is to get the account number from field 1 (whole field) and date from field 2 (yyyymmdd).

## HSBC (STANDHEX)

**NAME:** HEXAGON SYSTEM EXPORT (For Windows, ALL fields CSV standard export)  
**FORMAT PARAMETER :** *STANDHEX*  
**TYPE :** CSV

HSBC bank appear to have a variety of different flavours of hexagon, it can run in Windows and DOS, and fixed width and delimited files can be tailored to user's requirements. Statements are produced by the user using Hexagon Software. Hexagon is very flexible, which poses problems when trying to write a standard load program. The bespoke process has been written to load a CSV file produced by Hexagon for Windows, containing all the fields available, this is a standard option in Hexagon.

No header or footer lines should be exported.

This export produces up to 70 fields, too many to list here. Instead these are the fields which are used and the position they are exported in:

Hexagon Field Name	Position	Notes
ACCOUNTNO	Field 10	Account Number
FIELDAMOUN	Field 60	Amount (signed Pounds)
XACTDATE	Field 58	Transaction date
CCYCODE	Field 6	Currency
TEXTLINE1	Field 61	Transaction Reference

**Default Reference :** Use the left hand 15 characters of the TEXTLINE1 field

**A full Hexagon Export is too large to show here.**

### Reference Parameters:

“ICR”: Description field taken from DESCRIPTION field.

Default is NARRATIVE1 field.

## HSBC (SHORTHEX)

**NAME:** HEXAGON SYSTEM EXPORT (Selected Fields,  
Fixed Width Export)  
**FORMAT PARAMETER :** *SHORTHEX*  
**TYPE :** FIXED

See previous notes for Background on Hexagon. Files in this format can be exported from Hexagon, it is possibly a user defined format. This format can be used with blank fillers as long as the required fields (\*) contain data.

No header or footer lines should be exported.

### Data Record

Position	Field	Used	Notes
1-6	Sort Code		
7-14	Account Number	*	
15	Input Type		
16-17	Transaction Code	*	
18-31	Clearing Reference		
32-35	Unused		
36-46	Amount	*	Pence, unsigned
47-64	Originator/ Customer Name		
65-82	Reference	*	If Cheque number in pos 65-70
83-100	Source Description		
101-106	Transaction Date	*	Julian

**Default Reference :** Left hand 15 characters of the TEXTLINE1 field.

**Example of a Hexagon Fixed Width file which can be loaded:**

40041191010794441	0000000000005400	045407	98168
40041191010794441	000000000100400	045775	98168
40041191010794441	000000000033300	045778	98168
40041191010794441	000000000025600	045809	98168

### Reference Parameters:

“ADDTEXT”: Puts field 8 (Originator name) into bank\_text1 field and field 10 (Source description) into bank\_text2 field.

## HSBC

### (Internet Banking Format)

**NAME:** HSBC Internet Banking format  
**FORMAT PARAMETER :** *HSBCNET*  
**TYPE :** CSV

This is the latest format from HSBC, which is an export from their Internet Banking module.

This transaction format requires the use of the external Account Number parameter, which is accessed through an additional field on the User-defined Report (acc\_number). Please see the "bank Statement Load configuration Guide" for further details.

#### Data Record

Field	Content	Notes
DATE	Date	This is the date for the Transaction
DESCRIPTION	Description	This is the transaction description
AMOUNT	Amount	This is the signed amount for the transaction

**Default Reference :** Left hand 15 characters of the reference field.

**Example of an HSBC Internet Banking CSV file in 'HSBCNET' format which can be loaded:**

```
28/09/2004,103919,-84.00
28/09/2004,103898,-54.00
28/09/2004,103365,-131.50
28/09/2004,103328,-302.00
28/09/2004,103048,-78.00
28/09/2004,102987,-276.00
28/09/2004,102864,-395.00
8/09/2004,102380,-22.00
28/09/2004,102047,-150.00
28/09/2004,024564,-274.00
28/09/2004,024542,-60.00
28/09/2004,024533,-90.00
28/09/2004,023169,-5.00
```

#### Reference Parameters:

"MVA": Pads out account number to 8 digits by adding zeroes at the start.

## HSBC

### (HSBCNET2)

**NAME:** HSBC Internet Banking format

**FORMAT PARAMETER :** *HSBCNET2*

**TYPE :** CSV

Almost identical to the Standard Hexagon export but provided by the Internet banking module.

No header or footer lines should be exported.

Full field list is as follows (there are 2 versions. One has 3 extra text fields at the end):

UNIQUE_ID	AUTOCRCLEA
ASOFDAT	TOTAL_DEBI
ASOFTIME	NOOFDEBITS
INTRAEND	AUTODRCLEA
CCYCODE	HOCOLLECTI
CCYCODETYP	CREDITFAC
ACCOUNTTYPE	INTACCR
ACCOUNTNO	INTRATE
BRANCHID	XACTTYPE
INSTID	VAL_DATE
USCHIPSID	XACTTIME
XITROUTNUM	STMTDATE
ACCNAME	FIELDAMOUN
UKSORTCDE	TEXTLINE1
ENTRYDATE	TEXTLINE2
LEDGERBALA	TEXTLINE3
OPENAVLBAL	TEXTLINE4
OPENBAL	TEXTLINE5
CLEARDBAL	TEXTLINE6
ADJUSTBAL	TEXTLINE7
DEPOSITBAL	TEXTLINE8
TOTALFLOAT	TEXTLINE9
SAVAVAIL	TEXTLINE10
ONEDAYFLOA	(TEXTLINE11)
TWODAYFLOA	(TEXTLINE12)
3DAYFLOAT	(TEXTLINE13)
TOTAL_CRED	HOLDAMT
NOOFCREDIT	TFLAG

**Default Reference :** Use the left hand 15 characters of the TEXTLINE1 field

**A full Hexagon Export is too large to show here.**

**Reference Parameters:**

“KET”, “GED”: Takes 8 digit account number from position 7 of field 8 (ACCOUNTNO).

"BED", "SALISBURY": Uses the format with 3 extra text lines. SALISBURY format also expects "dd/mm/yyyy" format for the date.

Description field is populated according to what is in XACTTYPE field but parameters “KET” and “PLYM” work differently.

Default date format is yyyy-mm-dd.



## HSBC (HSBCNET3)

**NAME:** HSBC Internet Banking format  
**FORMAT PARAMETER :** *HSBCNET3*  
**TYPE :** CSV

A scaled down version of the full Internat Banking format (HSBCNET2)

No header or footer lines should be exported.

### Data Record

Field	Content
Account Number	Sort code + Account Number
Posting Date	Date of the transaction
Account Currency	Transaction Currency
Transaction Amount	Signed amount of the transaction
Transaction Narrative	Transaction description

**Default Reference :** Use the left hand 15 characters of the TEXTLINE1 field.

### Example of an HSBC Internet Banking CSV file in 'HSBCNET3' format which can be loaded:

"Account Number (Preferred / Formatted)","Posting Date","Account Currency","Transaction Amount","Transaction Narrative",,

"998877-12345678","30/11/2006","GBP","3000.000","TFR 123089"

"998877-12345678","01/12/2006","GBP","10000.000","TR TO 102030"

"998877-12345678","04/12/2006","GBP","-10000.000","TO A/C 12345678"

"998877-12345678","05/12/2006","GBP","14000.000","TFR FROM 12345678"

### Reference Parameters:

"EXTRA": 3 extra columns on standard file (Bank Ref, Cust Ref, Trans Type).

"SCODE": Uses full sort code + account number from file but removes hyphen.

"WBC": Used if date is in m/dd/yyyy or mm/dd/yyyy format.

Default date format: dd/mm/yyyy

## HSBC (HSBCNET4)

**NAME:** HSBC Internet Banking format  
**FORMAT PARAMETER :** *HSBCNET4*  
**TYPE :** CSV

No header or footer lines should be exported.

### Data Record

Field	Info
Date	dd/mm/yyyy
Transaction details	
Debit	
Credit	
Balance	Not used

**Default Reference :** Use the left hand 15 characters of the TEXTLINE1 field.

**Example of an HSBC Internet Banking CSV file in 'HSBCNET4' format which can be loaded:**

Date,Transaction Details,Debit,Credit,Balance

```
07/04/2010,      STANDING INSTRUCTION 001,,43222.33,11.65
07/04/2010,      CHEQUE          061128,-82.6,,,-43210.68
07/04/2010,      CHEQUE          061124,-243.87,,,-43128.08
07/04/2010,      CHEQUE          061093,-1926.24,,,-42884.21
07/04/2010,      CHEQUE          061086,-75.15,,,-40957.97
07/04/2010,      CHEQUE          060989,-300,,,-40882.82
07/04/2010,      CHEQUE          060684,-116.47,,,-40582.82
```

### Reference Parameters:

'EXTRA': Loads variation of the format. Layout as follows:

Date (dd-mmm-yyyy), Type, Description, Paid Out, Paid In, Balance

## IMPERIA

**NAME:** IMPERIA EXPORT FILE

**FORMAT PARAMETER :** *IMPERIA*

**TYPE :** COMMA DELIMITED

Standard Imperia Bank Statement file output.

### Data Record

Field	Used	Notes
Date	*	Transaction Date
Account	*	Account Number
Reference	*	Transaction Reference
Description	*	Transaction Description
Amount	*	Amount

**Default Reference :** Uses the REFERENCE field.

**No Example file available at current time**

**Reference Parameters:**

None

## ING

**NAME:** ING EXPORT FILE  
**FORMAT PARAMETER :** *ING*  
**TYPE :** COMMA DELIMITED

Standard Imperia Bank Statement file output.

### Data Record

Field	Used	Notes
Account	*	Sort Code & Account No
Account holder		
Bank		
Account type		
Bic		
Type of account information		
Statement number		
Statement currency	*	
Opening balance date		
Opening balance		
Closing balance date		
Closing balance		
Closing available balance		
Entry date	*	dd/mm/yy
Value date		dd/mm/yy
Transaction amount		
Transaction currency		
Transaction type		
Client reference		
Bank reference		
Counterparty name		
Counterparty account		
Counterparty data		
Transaction message	*	
Sequence number		
Reception date/time		

**Default Reference :** Uses the TRANSACTION MESSAGE field.

### Reference Parameters:

None

## ING Euro

**NAME:** ING Euro EXPORT FILE  
**FORMAT PARAMETER :** *INGEur*  
**TYPE :** COMMA DELIMITED

Standard Imperia Bank Statement file output.

### Data Record

Field	Used	Notes
Value Date	*	Date
Entry Date		
Account currency	*	Currency
Account name	*	Sort Code(8) & Account No(10)
Amount	*	
Counterparty name		
reference		
payment reference		
Remittance information	*	Text 255
Collection identification		
Counterparty account		
Counterparty bank code		
Creditor ID		
End to End reference		
Counterparty BIC		
Original Amount		

**Default Reference :** Uses the Remittance information field.

### Example file:

Value date,Entry date,Account currency,Account name,Amount,Counterparty,  
Reference,Payment reference,Remittance information,Collection identification,  
Counterparty account,Counterparty bank code,Creditor ID,End-to-end  
reference,Counterparty BIC,Original amount  
03/08/2012,03/08/2012,EUR,NL24INGB0696662221/EUR,-964.28,Hewlett-Packard Int.  
Bank,EREF,,45017309,,DE27502109004116332022,,,,CITIDEFFXXX,  
03/08/2012,03/08/2012,EUR,NL24INGB0696662221/EUR,-3000,Eurescom  
GmbH,EREF,,CELTIC-2/2011-6-501-  
COMESI,,DE34672700030017133040,,,,DEUTDESM672,  
03/08/2012,03/08/2012,EUR,NL24INGB0696662221/EUR,-26870,Darwin Enterprise  
LTD,EREF,,7078 7080 7291,,GB95NWBK60720670541094,,,,NWBKGB2LXXX,

**Reference Parameters:**  
None

## JP Morgan Chase

**NAME:** CSV Export option for pre-defined Report 'IM-ST-A1'  
from Chase Insight System ONLY  
**FORMAT PARAMETER:** CHASE  
**TYPE:** COMMA DELIMITED

The Chase insight system produces a huge number of reports of different styles and formats. We only load ONE type - listed above

### Data Record

The output file contains too many fields to document here – and many fields are redundant. To our knowledge, as long as the report is produced using the following export technique the file should be correct:

- In the Chase Insight System, click the CPS button and choose 'Reports'
- Change the Report type to 'IM' on the drop-down
- On the same drop-down (IM should now appear ticked) choose 'Predefined Reports'
- On the first tab choose 'IM-ST-A1'
- On the third tab ensure that the 'Comma Separated (CSV)' option is selected
- Run the Report

**Default Reference:** The "BANK ID" (first 15 characters maximum).

### Example of a CHASE File :

No sample available

### Reference Parameters:

None

## Lloyds Bank

**NAME:** LLOYDSLINK APACS EXPORT FILE  
**FORMAT PARAMETER :** LLOYAPAC  
**TYPE :** FIXED WIDTH, 106 character, Julian Dates

Lloyds Link allows the user to produce a statement export in a variety of different formats (i.e. DIF, Lotus, APACS). The customer must provide us with a file exported using the APACS option.

The process only loads Data Records (see page 76 of the LloydsLink reference manual), any header and footer records and data they contain are *not* read by the program.

### Data Record

Size	Used	Data
6		Sort Code
8	*	Account Number
1		Account Type
2	*	Transaction Code
15		Zero Filled
3	*	Currency Code
11	*	Amount (unsigned, Pence)
18	*	Narrative - if transaction code is 11 or 08 (Cheque or EuroCheque) a six digit number will appear in position 19 to 24
6	*	Cheque No
30	*	Narrative 2
6	*	Transaction Date (Julian)

**Default Reference :** If transaction is a cheque (trans code 11) then use the number in the cheque number position if it isn't use the left hand 15 characters of the narrative field.

**Other :** "UNO" - Complex method required by UNO

### Example of a Lloyds Link file which can be loaded (text is wrapped):

```
HDR99027
30174800030311060000000000000000GBP00567425917Closing Ledger -
Credit                      99026
30174800030311074000000000000000GBP00000697700PDQ1      7237688
BGC      RECONCILED210199  99026
```

3017480003031107400000000000000000GBP00000336000PDQ1 5242854  
BGC RECONCILED210199 99026

**Reference Parameters:**

“INGBE”: Bank account loaded as sort code + bank account.

Default is just account number.

“MBG”: Specific treatment of amounts based upon TRANSCODE field (Moss Bros requirement)

“APPEND”: Description field is NARRATIVE1 & CHEQUE NO & NARRATIVE2

“ANCHOR”: If TRANS CODE = 11 or 8 then CHEQUE NO is used, otherwise uses NARRATIVE1 & CHEQUE NO & NARRATIVE2

“CRUK”: If TRANS CODE = 11 then CHEQUE NO is used. If TRANS CODE = “74” then CHEQUE NO and NARRATIVE2 is used. Otherwise uses NARRATIVE1

Default description: if TRANS CODE = 11 then CHEQUE NO is used, otherwise NARRATIVE1.



## Lloyds Bank

**NAME:** LLOYDSLINK CASH MANAGER EXPORT FILE  
**FORMAT PARAMETER :** LLOYCASH  
**TYPE:** CSV

The export file created (\*.csv) will be comma delimited and conform to the ASCII character set.

### Data Record

Field	Content
Account	Sort Code-Account Number (Currency Code)
Date	Individual Transaction Date (DD-MMM-YY)
Type	Transaction Type
Narrative	Transaction Narrative
Value Date	Transaction Value Date
Payments	Value of Debit Transaction
Receipts	Value of Credit Transaction
Balance	Accumulating Account Balance

### Example of a Lloyds Cash Manager file which can be loaded (text is wrapped):

Account,Date,Type,Narrative,Value Date,Payments,Receipts,Balance  
300002-00270992,16-Apr-07,D/D,"THREE RIVERS D C D/D  
100979484",,11322,,270073.61  
300002-00270992,16-Apr-07,CHQ,308772,,828.38,,269245.23  
300002-00270992,16-Apr-07,CHQ,308764,,7881.9,,261363.33  
300002-00270992,17-Apr-07,CR,"TRANSFER TREASURY DEAL LD35708333  
LADS DEAL 2301332",,,2510308.76,2771672.09  
300002-00270992,17-Apr-07,DR,"RES CONSTRUCTION GBP LLINK TFR  
00313",,1420000,,1351672.09

### Reference Parameters:

None

## MASTERLINE

**NAME:** MASTERLINE EXPORT FILE  
**FORMAT PARAMETER :** *MASTERLINE*  
**TYPE :** FIXED WIDTH, Julian Dates

Standard Masterline Bank export.

### Data Record

Field	Used	Notes
CASHDATE	Date	Date
PAYREF		Payment Reference
AMOUNT	Amount	Amount
ACCNUM	Account Number	Account Number
PONUM		Purchase Order Number
DESCRIPTION	Description	Description
RECSORT		Receiving Account Sort Code
RECNUM		Receiving Account Number

**Default Reference :** Uses the files DESCRIPTION field.

### Example of a Masterline export file which can be loaded

01/08/2003,RFTC,22500000,DH MAIN FUNDS AUG 2003,5968,HEALTH GEN,,  
06/08/2003,POPI,-581.63,82611,4009355,28/07/2003  
06/08/2003,POPI,-260,82611,4009654,28/07/2003  
07/08/2003,BACC,23.6,BARNET PCT,BACS,ISLINGTONPCT,100000,25037285  
07/08/2003,POPI,-180,82611,4008509,18/06/2003,,  
11/08/2003,POPI,-22.85,82611,4009698,28/07/2003,,  
12/08/2003,BACP,-18591435.65,918150,82611,1,,  
12/08/2003,POPI,-800,82611,4009377,28/07/2003,,

### Reference Parameters:

“INSOLV”: Many loading permutations based upon the PAYREF field

# Nat West

**NAME:** BANKLINE BAI V2 FORMAT  
**FORMAT PARAMETER :** *NWBAI*  
**TYPE :** CSV – Multiple Lines

## Example of BAI v2 format:

```
01,NWBKGB2L,343151,100908,15:19:43,260,80,,2/  
02,343151,NWBKGB2L,1,100901,2400,,/  
03,76649741 600001,GBP,010,0,,,015,46450200,,,045,0,,,040,-5348995,,,400/  
88,2489411,3,,100,48939611,2,/  
16,699,1065111,,,,DD CASL BACS SERVS BACS  
16,699,1293800,,,,DD PRESTON CC70195562  
16,699,130500,,,,DD PRESTON CC70228900  
16,399,46450230,,,,BGC 101480  
16,399,2489381,,,, FROM 00741337
```

Record code [01] = File Header  
Record code [02] = Group header  
Record code [03] = Account identifier and summary status  
Record code [16] = Transaction detail

- Type code (char)
- Amount (signed num)
- Funds type (num)
- Bank ref number (char)
- Customer ref number (char)
- Text (char)
- End of record indicator (/)

Record code [88] = Continuation record  
Record code [49] = Account trailer  
Record code [98] = Group trailer  
Record code [99] = File trailer

## Reference Parameters:

“EASYJ”: Loads the “88” continuation records into the bank\_text fields and takes the account number from position 5 onwards.

# Nat West

**NAME:** BANKLINE Data Link CARS (Standard Format)  
**FORMAT PARAMETER :** *NWDATSTD*  
**TYPE :** Fixed – Multiple Lines

Nat West BankLine provide a DataLink service through which their customers can dial in and download statement data onto magnetic tape. This is also known as a CARS service - Customer Account Reconciliation Service.

The 'Standard' format is more complex than the Transaction export (also supported) as transactions span multiple statement lines. Transaction information is on type C & D lines and Transaction references (for non-cheques) are on type E lines. Account Details are on type B lines and type B and F lines contain account balance information. Both export contain essentially the same data.

Refer to Bankline documentation for further details

## Example of a supported DataLink 'Standard' File (text is wrapped):

```
VOL1BURP05
HDR1ARRRRRRR      BURP0500010001      023010000000000000
HDR2F010080002830
UHL1 0230160500919702302
A16671231231202302
B0000000029075662
C2028OCT0263174500000010990
C2028OCT02637470000000126000
C2028OCT0264052300000016000
D6128OCT02119698000000097500
EHousing Benefit
C2028OCT0264046700000012000
C2028OCT0264052300000016000
F0000000045907000
EOF1ARRRRRRR      BURP0500010001      0230100000000000013
EOF2F010080002830
UTL1000009916649400000000000000
```

## Reference Parameters:

None

# Nat West

**NAME:** BANKLINE CASHMANAGER (Transaction Report Module)

**FORMAT PARAMETER :** *NWCASHMAN*

**TYPE :** CSV

Nat West BankLine supply the Cash Manager software to enable their customers to produce their own statement files.

The process loads statement information held in the **Transaction Report Module** (see page 33 of the Cash Manager Import/ Export specifications manual).

## Data Record

Field	Used	Notes
TransDate	*	DD-MM-YY
Details	*	Reference if not cheque
TransType	*	Transaction type
Amount	*	Signed, Pounds
ValDate		
ACNumber	*	Account Number
ACName		
ACType		
CurrCode	*	Currency
BankCode		
SortCode		
ChequeNo	*	Cheque Number if cheque

**Default Reference :** If the value in the TransType field is 'CQ' use the contents of the ChequeNo field. Otherwise use the left hand 15 characters of the Details field.

## Example of a Cash Manager file which can be loaded (text is wrapped):

```
"TransDate","Details","TransType","Amount","ValDate","ACNumber","ACName","
ACType","CurrCode","BankCode","SortCode","ChequeNo"
01/11/99,"078104","CQ",-300416.95,"01043838","CRDF INST OF HGHR
ED","0","GBP","NWB","010155","078104"
01/11/99,"010155 00-01043846","TR",-235556.30,"01043838","CRDF INST OF
HGHR ED","0","GBP","NWB","010155",
01/11/99,"078102","CQ",-1997.50,"01043838","CRDF INST OF HGHR
ED","0","GBP","NWB","010155","078102"
01/11/99,"100564","CQ",-779.88,"01043838","CRDF INST OF HGHR
ED","0","GBP","NWB","010155","100564"
```

**Reference Parameters:**

"NOTT": Date in yyyy-mm-dd format

"NTHANTS": Uses alternative format (less fields). Date format dd-mm-yyyy.  
Account number hardcoded.

"RETHINK", "STMARTINS": Uses alternative format (less fields). Date format  
yyyy-mm-dd. Account number hardcoded.

Default date format is either yyyy-mm-dd or dd-mm-yyyy

# Nat West

**NAME:** BANKLINE Data Link CARS (Transaction Format)  
**FORMAT PARAMETER :** *NWDATLINK*  
**TYPE :** Fixed (106)

Nat West BankLine provide a DataLink service through which their customers can dial in and download statement data onto magnetic tape. This is also known as a CARS service - Customer Account Reconciliation Service.

Details of the format supported (TRANSACTION) can be found in Appendix B(?) of the CARS manual.

**Example of a DataLink File which can be loaded (text is wrapped):**

[illegible]

### Reference Parameters:

“REDCROSS”: Populates Bank Text 1 with Sort Code and Bank Text 2 with Account No. Populates description with NARRATIVE 1 (field 9) & NARRATIVE 2 (field 10) & field 11.

“STAFF”: Populates description with NARRATIVE 1 & NARRATIVE 2.

Default populates description field with NARRATIVE 1 (field 9).

# Nat West

**NAME:** BANKLINE CASHMANAGER (External Account Number)  
**FORMAT PARAMETER :** *NWCASHXT*  
**TYPE :** CSV

Nat West BankLine supply the Cash Manager software to enable their customers to produce their own statement files. The process loads statement information held in the **Transaction Report Module** (see page 33 of the Cash Manager Import/ Export specifications manual).

**This format uses an External Account Number, please see the “Bank Statement Load Configuration Guide” for further details.**

## Data Record

Field	Used	Notes
TransDate	Date	Transaction Date
ValueDate		Value Date
InToday		Transaction type
Amount	Amount	Signed, Pounds
Details	Description	Details
TransCode		Account Number
RFR		Reference
ChequeNo	Description	Description

**Default Reference :** If the value in the TransType field is 'CQ' use the contents of the ChequeNo field. Otherwise use the left hand 15 characters of the Details field.

**Example of a Cash Manager (External) file which can be loaded (text is wrapped):**

```
"TransDate","ValueDate","InToday","Amount","Details","TransCode","RFR","ChequeNo"
2004-04-15,"00",-20.00,"CQ","381786"
2004-04-15,"00",-52.50,"CQ","383414"
2004-04-15,"00",-38.00,"CQ","383965"
2004-04-15,"00",-482.00,"CQ","383997"
2004-04-15,"00",-42.30,"CQ","384701"
2004-04-15,"00",-60.00,"CQ","384713"
2004-04-15,"00",-694.59,"CQ","384729"
2004-04-15,"00",-276.00,"CQ","384759"
2004-04-15,"00",-100.00,"CQ","384796"
2004-04-15,"00",-763.75,"CQ","384811"
```

## Reference Parameters:

“MAIL”: Loads Trans Type field with TRANSCODE field.



# Nat West/RBS

**NAME:** INTERNET BANKLINE  
**FORMAT PARAMETER :** *BANKLINE*  
**TYPE :** CSV

Nat West BankLine supply the Cash Manager software to enable their customers to produce their own statement files. This is used by both Natwest and Royal Bank of Scotland (RBS).

## Data Record

Field	Format
Sort Code	Char (06)
Account Number (includes Currency a/c no.)	Char (34)
Account Alias	Char (35)
Account Short Name	Char (35)
Currency	Char (03)
Account Type	Char (20)
BIC	Char (34)
Bank Name	Char (35)
Branch Name	Char (27)
Date	Char (10) (DD/MM/YYYY)
Narrative 1	Char (25)
Narrative 2	Char (25)
Narrative 3	Char (25)
Narrative 4	Char (25)
Narrative 5	Char (25)
Type	Char (03)
Debit	Signed num (15)
Credit	Signed num (15)

## Example of an Internet Bankline file which can be loaded (text is wrapped):

Sort Code,Account Number,Account Alias,Account Short  
Name,Currency,Account Type,BIC,Bank Name,Branch Name,Date,Narrative  
#1,Narrative #2,Narrative #3,Narrative #4,Narrative #5,Type,Debit,Credit  
600238,60030127,UWE YY7,UWE YY7,GBP,CBFM BUSINESS  
CURREN,NWBKGB2L,National Westminster  
Bank,BISHOPSTON,02/04/2007,187070,,,,,CHQ,-55,  
600238,60030127,UWE YY7,UWE YY7,GBP,CBFM BUSINESS  
CURREN,NWBKGB2L,National Westminster  
Bank,BISHOPSTON,02/04/2007,187057,,,,,CHQ,-884,  
600238,60030127,UWE YY7,UWE YY7,GBP,CBFM BUSINESS  
CURREN,NWBKGB2L,National Westminster  
Bank,BISHOPSTON,02/04/2007,186929,,,,,CHQ,-53.46,

**Reference Parameters:**

“MCURRIE”: Loads TYPE field into Trans Type field

“DMGT”: Loads NARRATIVE1 into BankText1, NARRATIVE2 into BankText2, NARRATIVE3 into BankText3, NARRATIVE4 into BankText4 and NARRATIVE5 into BankText5.

“APPEND”: Appends NARRATIVE1, NARRATIVE2, NARRATIVE3, NARRATIVE4 and NARRATIVE5 fields into the description field.

Default description field is NARRATIVE1.

## NORTHERN BANK

**NAME:** NORTHERN EXPORT FILE  
**FORMAT PARAMETER :** *NORTHERN*  
**TYPE :** FIXED WIDTH, 107 character, Julian Dates

Exported from the default Northern Bank Interface,

### Data Record

The output file contains too many fields to document here – and many fields are redundant.

**Default Reference:** Uses the REFERENCE field from the file.

### Example of a Northern file which can be loaded (text is wrapped):

```
95012151310712099950009000000000000000000000018416112397 010006991 9104216
CANCER RESEARCH
001092950121513107120999500090000000000000000000052000114330 010007006
9104217      CANCER RESEARCH
001092950121513107120999500090000000000000000000022762114799 010008901
9104218      CANCER RESEARCH 001092
```

### Reference Parameters:

None

# Paymaster

**NAME:** General Office Account Export  
**FORMAT PARAMETER :** PGO  
**TYPE :** CSV

This is a standard Paymaster PGO export in CSV format.

## Data Record

Field	Used	Notes
Date	Date	Transaction Date
Payment Type		Transaction type
Amount	Amount	Signed, Pounds
Account	Account	Account Number
Reference	Description	Reference
Description2		Description
Description3		Description
Description4		Description

**Default Reference :** First 15 characters from Reference field

## Example of a Paymaster file which can be loaded:

Date,Payment Type,Amount,Account Number,Reference  
01/11/2004,RFTC,11000000,GC Main Funding Nov04,5957,HEALTH GC  
01/11/2004,RFTP,-1480000,82703,REPAY LOAN,SEHERTSPCT,82356  
01/11/2004,RFTP,-800000,82703,NOV TRANS,WEL&HAT PCT,88945  
01/11/2004,RFTP,-440000,82703,REPAY LOAN,WEL&HATPCT,82345  
01/11/2004,POPI,-336,82703,76814,11/06/2004  
03/11/2004,BACC,9942.17,WATFORD & THREE RI,100000,WEST HERTS  
NHS T,100000,25035754

## Reference Parameters:

“ZERO”: Removes zero from start of account number.

“BSS”: If PAYMENT TYPE (field 2) is "RFTC", "BACC", "CHPP" or "BACP", reference loads in ACCOUNT field (field 3). If PAYMENT TYPE (field 2) is "RFTP" or "POPI", reference loads in REFERENCE (field 5).

Default: If PAYMENT TYPE (field 2) is “RFTP” or “BACP”, description loads in DESCRIPTION2 (field 6). If PAYMENT TYPE (field 2) is “POPI”, description loads REFERENCE (field 5).

# Reliance Bank

**NAME:** RELIANCE BANK (SALVATION ARMY BESPOKE)  
**FORMAT PARAMETER :** RELBFWID  
**TYPE :** FIXED

This format was devised by the Salvation Army, and is produced by their own bank.

## Data Record

Field Name	Length	From	To	Data
Record Number	10	1	10	
Statement Date	8	11	18	Statement Date
Bank Account	8	19	26	Bank Account Number
Record Type	1	27	27	1=Opening Balance 2=Statement Line 3=Closing Balance
Page Number	5	28	32	Opening Page Number
Statement OB	11	33	43	Opening Balance only when Record Type =1
Statement CB	11	44	54	Closing Balance only when Record Type=3
Transaction Date	8	55	62	Transaction Date
Trans Description	50	63	112	Cheque Number or Transaction Description . For transfers, description provided on the transfer.
Trans Amount	11	113	123	Transaction value
Debit/Credit Flag	1	124	124	D=Debit C=Credit Opposite value to bank DR/CR
Currency	3	125	127	Always 'GBP'
Exchange Rate	22	128	149	Always 1
Cheque / Ref No.	6	150	155	Cheque number or Paying In Slip Reference if available.
Filler	5	156	160	Blank

**Default Reference:** Use the contents of the Cheque/ ref no field if it is NOT '000000'. If it is use the left hand 15 characters of the Trans description field.

**Example of an acceptable Reliance Bank Line file (text is wrapped):**

00000000011999081990101008100379000025751980000000000000000000  
000000000000DGBP00

### Reference Parameters:

None

# Royal Bank of Scotland

**NAME:** 106 CHARACTER EXPORT (possibly RoyLine)  
**FORMAT PARAMETER :** RBOS  
**TYPE :** CSV

Header and Footer lines are not read.

## Data Record

Field	Used	Notes
Account Name		
Branch Number		
Account Number	*	
Transaction Date	*	DD-MM-YY
Transaction Type	*	
Amount	*	unsigned
Transaction Sign	*	- if debit
Narrative 1	*	Reference or Cheque number
Narrative 2		

**Default Reference :** Use the left hand 8 characters of the Narrative 1 field.

**Example of a Royal Bank of Scotland statement file which can be loaded:**

```
"ACC00001","160400","020155610","29/03/99","",""  
438.26", "+", "ADJ.ITEM9078933117", " ", " "  
"ACC00001","160400","020155610","29/03/99","","" 450.00", "+", "REM ADV  
30453/050 ", " ", " "  
"ACC00001","160400","020155610","29/03/99","","" 72.00", "+", "REP CHQ  
", " ", " "
```

## Reference Parameters:

"CRUK", "SPS", "NAPIER": Date in dd/mm/yy format.

"COURT", "SHANKS", "JANES", "SMG", "SEPA": Date in yyyyymmdd format.

"GHG", "HBM": Date in dd/mm/yy format. Account number is last 8 digits from field 3.

Default: Date in yyyyymmdd format. Account number is last 8 digits from field 3.

Note: There are numerous reference parameters for dealing with what the description field is populated with. Too many variations to list here.

## ROYAL BANK OF SCOTLAND

**NAME:** RBSI Q - Foreign Payments System - Transaction  
Export File  
**FORMAT PARAMETER:** *RBSF*  
**TYPE:** COMMA DELIMITED

### Data Record

FIELD	USED	NOTES	MAX LENGTH
ACCOUNT SHORT NAME.			15
ACCOUNT NUMBER.	*		13
POSTING DATE	*	Date transaction posted to the account (YYYY/MM/DD).	10
TRANSACTION TYPE.	*		3
BANK REFERENCE No.			9
TRANSACTION AMOUNT	*	(Signed with leading zeros and decimal point).	18
DESCRIPTION.	*		20
CURRENCY.	*		3

**Default Reference:** The "DESCRIPTION" (first 15 characters maximum).

### Example of an RBSI Q transaction statement :

"1028-14531234 ","1028-14534488","2000/06/29","MMD"," 3085609",-  
00000000050000.00,"MMD- To Fixed Contra","GBP"

"1028-14511243 ","1028-14553693","2000/07/03","CHG"," 3085885",-  
00000000000010.00,"CHG- CHAPS CHARGE ","GBP"

"1028-1451233 ","1028-14515693","2000/07/03","TRF"," 3085884",-  
00000000000500.00,"TRF- 1028-14556301 ","GBP"

"1028-1453322 ","1028-1455104","2000/07/05","FX-"," 3085723",-  
00000000001333.33,"FX- GBP 2,000.00 ","USD"

### Reference Parameters:

None

## ROYAL BANK OF SCOTLAND

**NAME:** CORPORATE HOBS STERLING ACCOUNT  
**TRANSACTION**  
**FORMAT PARAMETER:** *CHOBSSAT*  
**TYPE:** COMMA DELIMITED

Corporate HOBS files are ASCII files. All fields are separated by commas. All fields are enclosed in quotations, including numbers. If a text field contains a quotation mark, then the quotation mark is replaced by two adjacent quotation marks.

All balance fields are signed. If they are negative, the amount is preceded by a minus sign. No plus sign is used for positive balances. The Sterling Account Transaction file holds details of account movements for UK account(s)..

### Data Record

EXPORT FIELD	USED	NOTES	MAX LENGTH
Posting Date	*	yyyymmdd (e.g. "19990930")	8 <b>F</b>
Amount	*	signed (e.g. "-12.23")	18 <b>F</b>
Transaction Code			3 <b>F</b>
Transaction Description	*		80 <b>V</b>
Transaction Type		"C" or "D"	1 <b>F</b>
Forward Posted Flag		"F" = flag is off, "T" = flag is on	1 <b>F</b>
Sorting Code			6 <b>F</b>
Account Number	*		8 <b>F</b>

Those fields marked with an **F** in the "MAX LENGTH" column are fixed length within the quotation marks. Those marked with a **V** are variable length.

**Default Reference:** The contents of the "Transaction Description" field is always used (15 characters maximum).

### Example of an acceptable CHOBS SAT file :

```
"19990727"," 34213.96","DBT","CP-BOWEN PLC","D","F","809899","00100000"  
"19990727"," 67000.00","IBC","CP-CAPITAL BANK","C","F","809899","00100000"  
"19990727"," 2656.47","CHQ","174606","D","F","809899","00100000"  
"19990727"," 1860.27","CHQ","174607","D","F","809899","00100000"  
"19990727"," 36269.84","CHQ","174608","D","F","809899","00100000"  
"19990727"," 17012.18","CHQ","174609","D","F","809899","00100000"  
"19990727"," 3665.78","CHQ","174610","D","F","809899","00100000"
```

### Reference Parameters:

None



## ROYAL BANK OF SCOTLAND

**NAME:** HOBS Transaction Export File  
**FORMAT PARAMETER:** *BOSHOBS*  
**TYPE:** COMMA DELIMITED

As this simple statement does not contain a bank account field, the bank\_short parameter of the load process must be set and every transaction in the file will be loaded to that account.

### Data Record

FIELD	USED	NOTES	MAX LENGTH
TRANSACTION DATE	*	DD/MM/YYYY	
AMOUNT	*	Signed	
REFERENCE	*		

**Default Reference:** The “REFERENCE” (first 15 characters maximum).

### Example of Bank of Scotland HOBS transaction statement :

30/05/2001, 211.68,00000002  
30/05/2001, 798.02,00000003  
30/05/2001, 475.00,Pdq1 1336254  
30/05/2001, 365.00,Pdq1 1336262  
30/05/2001, 1753.09,Pdq1 1336270  
30/05/2001, 1106.10,Pdq1 1410166

### Reference Parameters:

None

# Royal Bank of Scotland

**NAME:** FOREIGN ACCOUNT CSV CHARACTER EXPORT  
**FORMAT PARAMETER :** RBSFA  
**TYPE :** CSV

Header and Footer lines are not read.

## Data Record

Please see the code for further details

**Default Reference :** Built through internal logic

**Example of a Royal Bank of Scotland (Alternative Foreign Format) statement file which can be loaded:**

```
FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","MISC.
","ELBANKO02523151 ","WENDELL MINNICK ","ROYWORLD ECONOMY ","
"," "," "," ","",-0000000000020.67,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","MISC.
","ELBANKO02523150 ","XYUSER GROUP ","ROYWORLD ECONOMY ","
"," "," "," ","",-0000000000020.67,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","MISC.
","ELBANKO02523148 ","ROBERT KARNIOL ","ROYWORLD ECONOMY ","
"," "," "," ","",-0000000000020.67,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","MISC.
","ELBANKO02523149 ","DAVIDS BEN-ALON ","ROYWORLD ECONOMY ","
"," "," "," ","",-0000000000020.67,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","TRANSFER
","ELBANKO02523150 ","XYUSER GROUP ","ROYWORLD ECONOMY ","
"," "," "," ","",-00000000000350.00,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","RJCKT3J9B000F SUNDRY
ITM","CHQ NO 058918 "," "," "," "," ","
"," "," ","",-00000000001507.26,
"FOJAPU ","160400","FOJAPU USD1 ","20040811","20040811","TRANSFER
","ELBANKO02523149 ","DAVIDS BEN-ALON ","ROYWORLD ECONOMY ","
"," "," "," ","",-00000000001826.41,
```

## Reference Parameters:

“MSILM”: Takes blank\_short currency rather than currency from file.

# Royal Bank of Scotland

**NAME:** TAB-DELIMITED CHARACTER EXPORT (possibly RoyLine)

**FORMAT PARAMETER :** *RBOSFIXED*

**TYPE :** TAB DELIMITED

Header and Footer lines are not read.

## Data Record

Please see the code for further details.

**Default Reference :** Use Has to be extracted from the information at the end of the line, using built-in logic.

**Example of a Royal Bank of Scotland statement file which can be loaded (text is wrapped):**

ACC00014	160048	13382178	01/09/03		235 - UNPAID CHEQUE
ACC00014	160048	13382178	01/09/03		1556403.91 - TO
13382100					
ACC00014	160048	13382178	01/09/03	BAC	340 + 162122
010055026	0002	BURNETT M	ROY GOLD		
ACC00014	160048	13382178	01/09/03	BAC	88 + 209655
020328006	0011	DOLLING R& NP			
ACC00014	160048	13382178	01/09/03	BAC	32113.25 + 089037
061168020	0000	HARINGEY H	SG BEN		
ACC00014	160048	13382178	01/09/03	BAC	440876.41 + 089037
061168020	0000	HARINGEY H	SG BEN		
ACC00014	160048	13382178	01/09/03	BAC	410.8 + 600718
070742782	0000	L.B. NEWHA	M.		
ACC00014	160048	13382178	01/09/03	BAC	173152 + 600718
070742782	0000	L.B. NEWHA	M.		
ACC00014	160048	13382178	01/09/03	BAC	314343.86 + 300002
000883668	0000	LB WESTMIN	STER		
ACC00004	160048	10036929	01/09/03		39075.64 - TO 13
382100					

## Reference Parameters:

None

**NAME:** RBOS STERLING TRANSACTIONS  
**FORMAT PARAMETER :** RBSSTERL  
**TYPE :** COMMA DELIMITED

Field	Length
Quote Character (").	1
<b>ACCOUNT ALIAS</b> Customer specified shortname for the account	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BRANCH SORT CODE</b> Royal Bank branch holding the account.	6
Quote Character (").Comma Character (,).Quote Character (").	3
<b>STERLING ACCOUNT NUMBER</b>	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>POSTING DATE</b> Date transaction posted to the account (YYYYMMDD)	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION TYPE</b> "BAC", "D/D" etc. or cheque serial number	6
Quote Character (").Comma Character (,).	2
<b>TRANSACTION AMOUNT</b> (Signed with leading zeros and decimal point)	17
Comma Character (,).Quote Character (").	2
<b>TRANSACTION NARRATIVE #1</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #2</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #3</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #4</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #5</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BACS REMITTER SORT CODE</b>	6
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BACS REMITTER ACCOUNT NUMBER</b>	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BACS TRANSACTION TYPE</b>	3
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BACS PAYER NAME</b>	18
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BACS PAYER REFERENCE (BACS FIELD 10)</b>	18
Quote Character (").Comma Character (,).	2

```

"16010105","160101","50002856","20070620","ITL ","-5449591.28","FA3J57WLJ000W
WSF","706180000000","EAJEAICO ","","","","","ITL ","
","
","
"16010105","160101","50002856","20070620","EBP ","-2202500.29","200605 080056596
","SBAA001 ","","","","","","EBP","
","
","
"16010105","160101","50002856","20070620","ITL ","-1239906.42","SSRT001
","ELBANKO12539868 ","SR TECHNICS SWIT ","ROYWORLD ECONOMY ","
","
","ITL ","
","
"16010105","160101","50002856","20070620","EBP ","-1009642.44","400250 081233149
","SOMD001 ","","","","","","EBP","
","
","
"16010105","160101","50002856","20070620","ITL ","-800000","FA3JBKW9Q000W
WSM","REF 0706200216640 ","","","","","ITL ","
","
","
"16010105","160101","50002856","20070620"," ","-218449.28"," TO 50002848 ","
","
","

```

## “EASYJ”:

BankText2 = NARRATIVE1 (field 7)

BankText4 = NARRATIVE3 (field 9)

BankText5 = NARRATIVE4 (field 10)

BankText6 = NARRATIVE5 (field 11)

TransType = BACSTYPE (field 14)

Description is NARRATIVE1 + NARRATIVE2 + NARRATIVE3 + NARRATIVE4 + NARRATIVE5

Default description is NARRATIVE1 (field 7)

**NAME:** RBOS FOREIGN TRANSACTIONS  
**FORMAT PARAMETER :** RBSFORTR  
**TYPE :** COMMA DELIMITED

Field Name & details	Length
Quote Character (").	1
<b>ACCOUNT ALIAS</b> Customer specified shortname for the account	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>BRANCH SORT CODE</b> Royal Bank branch holding the account.	6
Quote Character (").Comma Character (,).Quote Character (").	3
<b>FOREIGN ACCOUNT IDENTIFIER</b> Comprises: A/C Number-Currency Code-A/C Suffix	16
Quote Character (").Comma Character (,).Quote Character (").	3
<b>POSTING DATE</b> Date transaction posted to the account (YYYYMMDD)	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>VALUE DATE</b> (YYYYMMDD)	8
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #1</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #2</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #3</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #4</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #5</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #6</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #7</b>	25
Quote Character (").Comma Character (,).Quote Character (").	3
<b>TRANSACTION NARRATIVE #8</b>	25
Quote Character (").Comma Character (,).	2
<b>TRANSACTION AMOUNT</b> (Signed with leading zeros and decimal point)	17
Comma Character (,).	1

#### Reference Parameters:

"EASYJ":

BankText1 = VAL DATE (field 5)

BankText2 = NARRATIVE1 (field 6)

BankText3 = NARRATIVE2 (field 7)

BankText4 = NARRATIVE3 (field 8)

BankText5 = NARRATIVE4 (field 9)

BankText6 = NARRATIVE5 (field 10)

BankText7 = NARRATIVE6 (field 11)

BankText8 = NARRATIVE7 (field 12)

BankText9 = NARRATIVE8 (field 13)

Description is NARRATIVE1 + NARRATIVE2 + NARRATIVE3 + NARRATIVE4 +  
NARRATIVE5

Default description is NARRATIVE1 (field 6)

**NAME:** RBS INTERNATIONAL BANKLINE TRANSACTIONS  
**FORMAT PARAMETER :** *RBSINTBL*  
**TYPE :** COMMA DELIMITED

FIELD	NOTES
Account Id	
Bank	
Account Currency	
Account Type	
Entry Date	dd/mm/yyyy
Value Date	dd/mm/yyyy
Amount	
Source	
Transaction Type	
Transaction Reference	
Account Status	
Additional Info	

**Example of a Royal Bank of Scotland sterling statement file which can be loaded (text is wrapped):**

Account Id,Bank,Account Currency,Account Type,Entry Date,Value  
Date,Amount,Source,Transaction Type,Transaction Reference,Account  
Status,Additional Info

2000040000000,PBPNUS33XXX,USD,S,17/07/2007,17/07/2007,17802,940,FM  
SC,39709099,Active,FUNDS TRANSFER (ADVISE 2007071700061031)

2000040000000,PBPNUS33XXX,USD,S,17/07/2007,17/07/2007,-  
132.58,940,FCHK,1307,Active,CHECK NUMBER

2000040000000,PBPNUS33XXX,USD,S,17/07/2007,17/07/2007,-  
164.05,940,FCHK,1312,Active,CHECK NUMBER

**Reference Parameters:**

“MCURRIE”: Martin Currie require transaction type field to be populated and leading zeroes added to cheque number (TRANSREF) if the Additional Info column is not equal to 'CHECK NUMBER' or blank.



**NAME:** RBOS TAR (106 Character Fixed Width Export)  
**FORMAT PARAMETER :** RBSTAR  
**TYPE :** FIXED

Header line starts with "UHL"  
 Trailer line starts with "UTL"  
 Total lines start with "9"

Ref	Program Reference	ST	LEN	TYP	Field Description
1	Sorting Code	1	6	C	
2	Account Number	7	8	C	
3	Account Type	15	1	C	Value '0'
4	Transaction Code	16	2	C	03, 17 = debit 93, 95, 96, 99 = credit
5	Originating Sort Code	18	6	C	
6	Originating Account No.	24	8	C	
7	NCA Desc. Code	32	1	C	
8	NCA Source Code	33	1	C	
9	Supp. List Indicator	34	1	C	
10	Filler	35	1	C	
11	Amount	36	11	C	
12	Remitters Name	47	18	C	
13	Remitters Ref. No.	65	18	C	
14	Beneficiary's Name	83	18	C	
15	Date	101	6	C	BYDDDD

Example of RBS TAR format:

```

UHL1 09048000245 00000000 001
805401002093840038091270056836596 000002300000 09048
80540100209384093000000000000000 000000570664 9013648 09048
80540100209384093000000000000000 000003659844 9013990 09048
80540100209384099000000000000000 000000017825 9014216 09048
80540100209384099000000000000000 000000206770 9014215 09048
90000002300000000000445510300000010000004
80912700568365003000000000000000 000009802500CP-BRITISH RED CRO 09048
809127005683650938054010020938406 000002300000 09048
UTL10000014802500000002204362200000030000084
  
```

### Reference Parameters:

"REDCROSS": BankText1 = Sort Code (field 1), BankText2 = Orig Account (field 6).

Reference is Orig Name (field 12) + Cheque Item (field 13) + Source (field 14).

"TRANS": Deals with the amount based upon specific transaction codes in field 4.

**NAME:** SVENSKA HANDELSBANKEN  
**FORMAT PARAMETER :** SVENSKA  
**TYPE :** COMMA DELIMITED

FIELD	FORMAT
Entry Date	dd/mm/yyyy
Value Date	Dd/mm/yyyy
Amount	Numerical 2dp (- for negatives)
Reference	Text
Closing Balance	Numerical 2dp (- for negatives)

**Notes:**

File does not contain bank account number.

Entry date is ignored.

References can run onto 2 rows in the file. These follow the initial line and have an amount of zero.

**Example of a Svenska statement file which can be loaded (text is wrapped):**

```
EntryDate , ValueDate, Amount, Description, Balance
28/09/2007,01/10/2007,-14923.34,D.DR LEG&GEN FPF/PG MI      ,-2989339.8
28/09/2007,01/10/2007,0,REF GF36474001BG01                ,-2989339.8
28/09/2007,01/10/2007,-1619.3,D.DR HIFX FINANCIAL SER      ,-2989339.8
28/09/2007,01/10/2007,0,REF 0103198-010                    ,-2989339.8
28/09/2007,01/10/2007,62.85,B/O BOC GASES UK                ,-2989339.8
28/09/2007,01/10/2007,0,REF UK 4900600256 K                ,-2989339.8
28/09/2007,01/10/2007,521.75,B/O TEST VALLEY BC            ,-2989339.8
28/09/2007,01/10/2007,0,REF 9092                            ,-2989339.8
```

**Reference Parameters:**

None

## TELEBANK

**NAME:** Long report source Export  
**FORMAT PARAMETER:** *TELEBANK*  
**TYPE:** COMMA DELIMITED

### Data Record

The output file contains too many fields to document here – and many fields are redundant

**Default Reference:** The statement contains over 50 reference fields so any new development will require a new set of rules.

### Example of a Telebank File :

No sample available

### Reference Parameters:

None