

# DeskBank File Formats

# DeskBank Import and Export File Formats

# **Contents**

Account Reconciliation Import File Format	3
Account Reconciliation Import Header Record Format	4
Account Reconciliation Import Detail Record Format	4
Account Reconciliation Import Trailer Record Format	5
Export Statement Transactions Preformatted File Format	
Export Statement Transactions Header Record Format	
Export Statement Transactions Detail Record Format	8
Export Statement Transactions Trailer Record Format	10
Export Statement Transactions Final Trailer Record Format	10
Export Statement Transactions QIF Format	13
Export Statement Transactions and Balances File Format	14
Type 3 - Statement Transactions	14
Type 5 - Opening Balance	15
Type 6 - Closing Balance	16
Type 8 Account Total DEBITS record	16
Type 8 Account Total CREDITS record	17
Type 9 Grand account total DEBITS record	
Type 9 Grand account total record - CREDITS	
MDS Transaction Import file format	
MDS Transaction Import Header Record (Optional):	22
MDS Transaction Import Detail Record:	23
Payment or Direct Debit Import File Formats	25
Payment or Direct Debit Import Header Record Format (Optional)	26
Payment or Direct Debit Import Detail Record Format	
Telegraphic Transfer or Draft Import File Format	30
Telegraphic Transfer or Draft Import File Format	30

Please contact your Electronic Banking Consultant or the DeskBank Helpdesk on 0800 433752 for assistance with these formats or to arrange testing of files.

## **Account Reconciliation Import File Format**

The Account Reconciliation Import function enables you to transfer general ledger transactions from your organisation's accounting system into DeskBank. The file formats required to successfully import general ledger transactions into DeskBank are described below.

#### File Format requirements

The import file must be an ASCII text file.

## **Fixed Length format**

DeskBank can successfully import a file that has no record delimiters or is delimited by Carriage Returns or Carriage Return, Linefeed delimiters.

If you use Carriage Return and Linefeed delimiters when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13) followed by the ASCII Linefeed character (Hex: OA, Dec: 10).

If you use a Carriage Return delimiter when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13).

If you use no delimiter when creating the import file, DeskBank expects the import file to consist of fixed length records 100 bytes long.

## Comma Separated Value (CSV) format

The file can also be used in a Comma Separated Value (CSV) format. The layout of the fields is as per the fixed length format but leading zeroes and blank filling are not required. The maximum length of each field is the same as the fixed length format. An end of record delimiter of Carriage Return Line Feed is expected. Setting out the fields in an Excel spreadsheet and saving as a CSV type file is an easy way to produce the import file in this format. Note that date fields require leading zeroes.

## **Record Types**

The first record in an import file is a header record which contains the account number and name of the transactions you wish to import. The general ledger transaction records follow and are in turn followed by a trailer record containing the number of general ledger transactions, the value of the debit and credit general ledger transactions within the file and the net value of the general ledger transactions. This information allows DeskBank to validate the transactions within the file as they are imported.

A header record must be present for each account you are importing general ledger transaction for. An example of an import file containing General ledger transactions for multiple accounts is illustrated below.

#### 

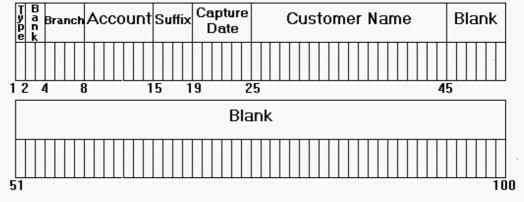
'F' represents a Header record, 'M' represents each General ledger transaction, 'T' represents a Trailer record.

# **Account Reconciliation Import Header Record Format**

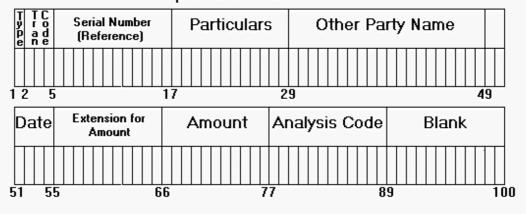
Field	Type	Size
Record Type The ASCII literal 'F'.	Char	1
Account Number of General Ledger Transaction		
Bank Number Must contain a valid Bank number. Right justified, zero filled	Num	2
Branch Number Must contain a valid Branch number. Right justified, zero filled.	Num	4
Account Number Must contain a valid Account number. Right justified, zero filled.	Num	7
Suffix If suffix is 2 digits, enter the suffix followed by 2 spaces. If suffix is 3 digits, enter the suffix followed by 1 space. Left justified, zero filled.	Num	(4)
<u>Capture Date</u> A valid date must be entered in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year (DeskBank does not use the date entered).	Num	6
<u>Customer Name (optional)</u> Enter the name of the account the General ledger transaction is being imported to. Left justified, blank filled, upper case.	Char	20
Spare Blank filled.	Char	56
Account Reconciliation Import Detail Record Format		
Field	Туре	Size
Field  Record Type The ASCII literal 'M'.	<b>Type</b> Char	Size
Record Type		
Record Type The ASCII literal 'M'.  Transaction Code If you are importing General ledger transactions to be matched against debit bank statement transactions, the Transaction Code range is 00 to 49; when importing General ledger transactions to be matched against credit bank statement transactions, the Transaction Code range is 50 to 99. Right	Char	1
Record Type The ASCII literal 'M'.  Transaction Code If you are importing General ledger transactions to be matched against debit bank statement transactions, the Transaction Code range is 00 to 49; when importing General ledger transactions to be matched against credit bank statement transactions, the Transaction Code range is 50 to 99. Right justified, zero filled.  Serial Number (compulsory) Also known as the Reference field. The data will appear as the serial and reference number fields of a General ledger transaction. DeskBank does not accept alpha or alpha-numeric characters in this field. Right justified, zero	Char Num	3
Record Type The ASCII literal 'M'.  Transaction Code If you are importing General ledger transactions to be matched against debit bank statement transactions, the Transaction Code range is 00 to 49; when importing General ledger transactions to be matched against credit bank statement transactions, the Transaction Code range is 50 to 99. Right justified, zero filled.  Serial Number (compulsory) Also known as the Reference field. The data will appear as the serial and reference number fields of a General ledger transaction. DeskBank does not accept alpha or alpha-numeric characters in this field. Right justified, zero filled.  Particulars (optional This data will appear in the particulars field of a General ledger transaction.	Char Num Num	1 3

<u>Spare</u>	Num	11
Amount (compulsory) This field enables you to enter the value of the General ledger transaction without a decimal point. Right justified, zero filled.	Num	11
Analysis Code (optional) This data will appear in the analysis code field of the General ledger transaction. Left justified, blank filled, upper case.	Char	12
<u>Spare</u> Blank filled.	Char	12
Account Reconciliation Import Trailer Record Format		
<u>Field</u>	Туре	Size
Record Type The ASCII literal 'T'.	Char	1
Number of Transactions This field contains the number of General ledger transactions since the last Header record. Right justified, zero filled.	Num	7
<u>Debit General Ledger Total</u> This field should contain the total value of each debit General ledger transaction (contras with a transaction code greater than or equal to 50) since the last reconciliation import header record. Right justified, zero filled	Num	11
Credit General Ledger Total This field should contain the total value of each credit General ledger transaction (contras with a transaction code less than or equal to 50) since the last reconciliation import header record. Right justified, zero filled.	Num	11
Net Total of Contras This field should contain the net value of every General ledger transaction since the last reconciliation import header record (credit General ledger transactions minus debit General ledger transactions). The net figure is displayed without a '+' or '-' sign. Right justified, zero filled.	Num	11
<u>Spare</u> Blank filled.	Char	59

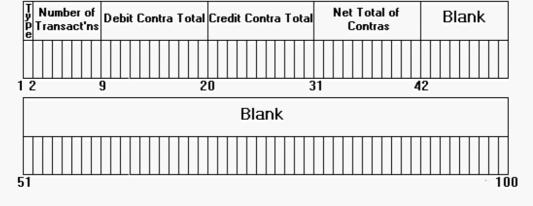




# DeskBank Reconciliation System Input Contra Record



# DeskBank Reconciliation System Input Trailer Record



## **Export Statement Transactions Preformatted File Format**

The Export Statement Transactions Preformatted function enables you to transfer your bank account statement transactions from DeskBank into your organisation's accounting system. The file formats required to successfully export statement transactions from DeskBank are described below.

#### **File Format**

The export file created by DeskBank is an ASCII text file.

DeskBank can create an export file with no delimiter or with Carriage Returns, Linefeeds or Carriage Return, Linefeed delimiters.

If exporting the transactions using no delimiters, DeskBank will create records within the export file of 160 characters in length.

If exporting the transaction using only Carriage Return and Linefeed delimiters, DeskBank will create records within the export file with variable length records separated by ASCII Carriage Return and Linefeed characters (Hex: ODOA, Dec: 13, 10)

If you elect to export the transactions using a Carriage Return, DeskBank will create records within the export file with variable length records separated by the ASCII Linefeed character (Hex: OD, Dec: 13).

If exporting the transactions using a Linefeed delimiter, DeskBank will create records within the export file with variable length records separated by the ASCII Linefeed character (Hex: OA, Dec: 10).

## **Record Types**

The first record in the export file will be a header record which contains the account number and name of the transactions you are exporting and creation date of the file. The transaction records follow and are in turn followed by a trailer record containing the account number of the transactions you are exporting, the number of transactions, the value of the debit and credit transactions within the file, the net value of the transactions, the grand total value of the transactions and the creation date of the file.

A header record will be present for each account you are exporting transactions from. An example of an export file containing transactions for multiple accounts is illustrated below.

## 

'H' represents a Header record, 'T' represents each exported Transaction, 'R' represents a Trailer record, 'F' represents the Final trailer record.

## **Export Statement Transactions Header Record Format**

Field	Type	Size
Code DeskBank will complete this field with '00'.	Num	2
Account Number of Exported Transactions:  Bank Right justified, zero filled.	Num	2
Branch Right justified, zero filled.	Num	4
Account Right justified, zero filled.	Num	7

<u>Suffix</u> If the export account has a 2 digit suffix DeskBank will include a space as the third suffix character. Left justified, blank filled.	Num	3
<u>Customer Name</u> The name of the account from which transactions are being exported. Left justified, blank filled, upper case.	Char	20
<u>Creation Date</u> The date DeskBank exported the transactions in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year.	Num	6
<u>Spare</u> Blank filled.	Char	116

## **Export Statement Transactions Detail Record Format**

Field	Type	Size
Code DeskBank will complete this field with '01'	Num	2
<u>Transaction Code</u> Right justified, zero filled.	Num	3
Amount This field contains the value of the transaction exported in cents without a decimal point. Right justified, zero filled.	Num	11
<u>Spare</u> Blank filled.	Char	2
<u>Serial Number</u> The field contains data from the reference field on the accounts bank statement if the data in the field is numeric only. Right justified, zero filled.	Num	12
Numeric Particulars The field contains data from the particulars field on the accounts bank statement if the data in the field is numeric only. Right justified.	Num	12
Numeric Analysis Code The field contains data from the analysis code field on the accounts bank statement if the data in the field is numeric only. Right justified.	Num	12
Originating Date The value date of the transaction in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year.	Num	6
Posted Date The value date of the transaction in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year.	Num	6
<u>Due Date</u> The value date of the transaction in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year.	Num	6
Originating Bank Right justified, zero filled.	Num	2
Originating Branch Right justified, zero filled.	Num	4
Input Source This field will be blank or contain a MTS source code such as AP, DC or DD	Char	2

## Other Party Account Number

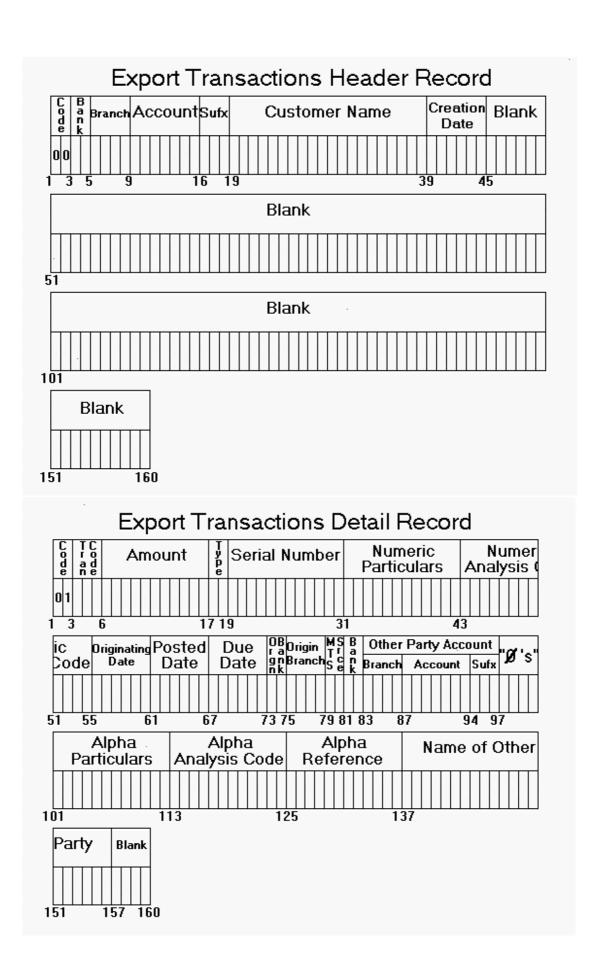
Bank Contains the Bank number of the originating transaction	Num	2
Branch Contains the Branch number of the originating transaction	Num	4
Account Contains the Account number of the originating transaction	Num	7
<u>Suffix</u> Contains the suffix of the originating transaction	Num	3
<u>Spare</u> Blank filled.	Char	4
Alpha Particulars This field contains data from the particulars field on the accounts bank statement if the data in the field is alpha or alpha-numeric.	Char	12
Alpha Analysis Code The field contains data from the analysis code field on the accounts bank statement if the data in the field is alpha or alpha-numeric.	Char	12
Alpha Reference The field contains data from the reference field on the accounts bank statement if the data in the field is alpha or alpha-numeric.	Char	12
Other Party Name This data will contain the transactions other party name.	Char	20
<u>Spare</u> Blank filled.	Char	4

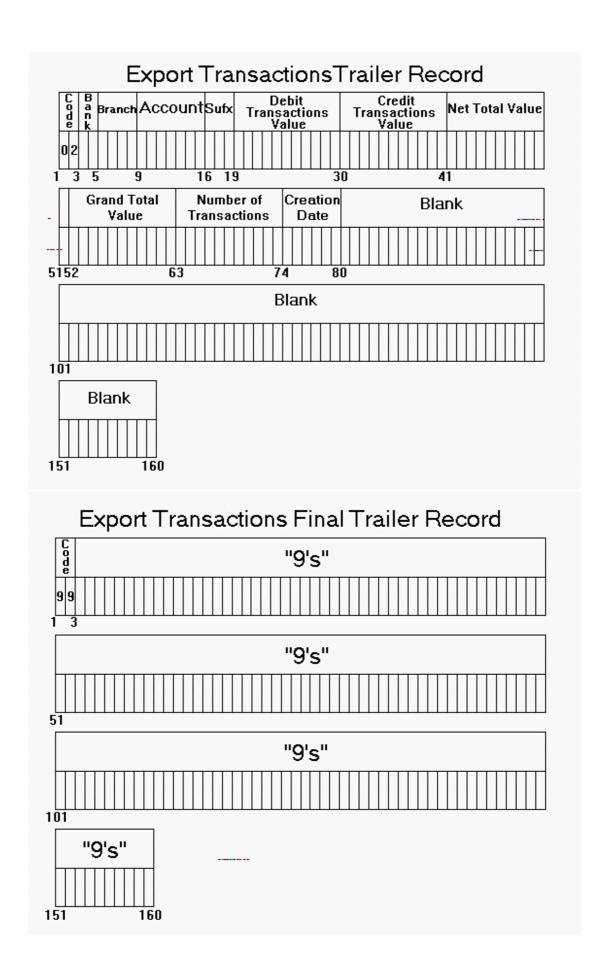
## **Export Statement Transactions Trailer Record Format**

Field	Type	Size
Code DeskBank will complete this field with '02'.	Num	2
Bank Right justified, zero filled.	Num	2
<u>Branch</u> Right justified, zero filled.	Num	4
Account Right justified, zero filled	Num	7
Suffix If the export account has a 2 digit suffix DeskBank will include a space as the third suffix character. Left justified, blank filled.	Num	3
<u>Debit Transaction Value</u> This field contains the total value of every debit transaction since the last Header record. Right justified, zero filled.	Num	11
<u>Credit Transactions Value</u> This field contains the total value of every credit transaction since the last Header record. Right justified, zero filled.	Num	11
Net Total Value This field contains the net value of every transaction since the last Header record; credit General ledger transaction less debit contra transactions. The net figure is displayed without a '+' or '-' sign. Right justified, zero filled.	Num	11
<u>Grand Total Value</u> This field totals the value of every transaction, credit and debit, since the last Header record. Right justified, zero filled.	Num	11
Number of Transactions This field totals the number of transactions since the last Header record. Right justified, zero filled.	Num	11
<u>Creation Date</u> The date DeskBank exported the transactions in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year.	Num	6
<u>Spare</u> Blank filled	Char	81

## **Export Statement Transactions Final Trailer Record Format**

Field	Type	Size
Code  DeskBank will complete this field with '99'. DeskBank will fill the other 158 characters of this record with 9's.	Num	2





## **Export Statement Transactions QIF Format**

The Export Statement Transactions QIF format function enables you to transfer your bank account statement transactions from DeskBank into your organisation's accounting system. This format is identical to the format used in Westpac Internet Online Banking. The file format of statement transactions successfully exported from DeskBank is described below.

#### **File Format**

The export file created by DeskBank is an ASCII text file.

## **Record Types**

The first record in the export file will be a header record.

The transaction records follow and are split across multiple lines as per the layout below.

!Type:Bank(Header only appears once.)D(Post Date)T(Amount)P(Other Party Name)MRef=(Reference),Part=(Particulars),Code=(Analysis Code)^(End of record marker)

The amount will be negative if the transaction code is less than or equal to 49 and positive if the transaction code is greater than or equal to 50.

Following is a sample file as it would appear if opened in a text editor such as Notepad

!Type:Bank
D01/11/02
T-208.43
PWoolworths Wellington
MRef=1-10:33-997,Part=503513841145,Code=8119 17997
^
D04/11/02
T-47.38
PCaltex Wellington
MRef=2-19:52-718,Part=503513840112,Code=5116 30718
^

Only one account can be exported per file and all transactions between the selected dates will be exported. The Auto Export function can only be used if the Account Information Batch contains 1 account.

The default file name that will be created will be:

A(Bank)\_(Branch)\_(Account)\_(Suffix)-(Start Date).QIF

The Start Date will be formatted ddmmmyy.

Eq. A03\_1300\_0010255\_000-01Nov02.QIF

## **Export Statement Transactions and Balances File Format**

This export function produces a file containing statement transactions and Balance data for a single day that can be transferred to your organisation's accounting program. It can contain multiple accounts. The format is similar to one provided by other Banks.

## **File Format**

The file is an ASCII Text file in comma delimited format. All fields are separated by commas and data in alphanumeric fields is enclosed by double quotes (""). Each record is separated by Carriage Return, Line feed characters.

- Type 3 Statement Transactions
- Type 5 Opening Balance
- Type 6 Closing Balance
- Type 8 One record for total Debits, One record for Total Credits

Grand total records will exist at the end of each file containing data for all accounts in the file.

**Type 9** Grand Totals - One record for total Debits, One record for Total Credits

#### **Date format**

On the reports screen a tick box labelled 'Enable-4-digit-year formatting' can be ticked. This will create the file with all dates in DD/MM/YYYY format and will also add MTS Source Code details to type 3 records. The MTS Source Code field is not included if DD/MM/YY format is used.

## **Type 3 - Statement Transactions**

Field	Type	Size
Record Type This field will always contain the number 3.	Num	1
<u>Corporate ID</u> – Not used by Westpac. Blank field.	Char	6
<u>Account Number</u> In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
<u>Transaction Amount</u> Explicit Decimal point. Leading negative sign if a debit.	Char	17
<u>Serial Number</u> Contains data from the reference field on the account's bank statement if it is all numeric.	Char	12
<u>Transaction Code</u> Right justified, zero filled.	Char	3
MTS Source Code (Only if date format selected is DD/MM/YYYY) The MTS Source Code for the transaction eg; AP, DC, DD etc	Char	2
<u>Particulars</u> Contains data from the particulars field on the account's bank statement.	Char	12

Analysis Code Contains data from the analysis code field on the account's bank statement.	Char	12
Reference Contains data from the payee's/payer's statement reference field if it is alphanumeric.	Char	12
Other Party Name Contains the transaction's other party name.	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
<u>Originating Bank/Branch</u> In format BB bbbb	Char	7

# Type 5 - Opening Balance

Field	Type	Size
Record Type DeskBank will complete this field with '5'.	Num	1
Corporate ID  Not used by Westpac. Blank field.	Char	6
Account Number In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
Opening Balance Amount Explicit Decimal point. Leading negative sign if a debit.	Char	17
Serial Number Blank field.	Char	12
<u>Transaction Code</u> Blank field.	Char	3
<u>Particulars</u> DeskBank will complete this field with "OPENING BALA"	Char	12
<u>Analysis Code</u> Blank field.	Char	12
Reference Blank field.	Char	12
Other Party Name The Name of the account being exported	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
Originating Bank/Branch Blank field	Char	7

# Type 6 - Closing Balance

Field	Туре	Size
Record Type DeskBank will complete this field with '6'.	Num	1
<u>Corporate ID</u> Not used by Westpac. Blank field.	Char	6
Account Number In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
<u>Closing Balance Amount</u> Explicit Decimal point. Leading negative sign	Char	17
<u>Serial Number</u> Blank field.	Char	12
<u>Transaction Code</u> Blank field.	Char	3
<u>Particulars</u> DeskBank will complete this field with "CLOSING BALA"	Char	12
Analysis Code Blank field.	Char	12
<u>Reference</u> Blank field.	Char	12
Other Party Name The Name of the account being exported	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
<u>Originating Bank/Branch</u> Blank field.	Char	7
Type 8 Account Total DEBITS record		
Field	Туре	Size
Record Type DeskBank will complete this field with '8'.	Num	1
<u>Corporate ID</u> Not used by Westpac. Blank field.	Char	6
Account Number In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
Amount The sum of all type 3 debit records. Explicit Decimal point. Leading negative sign.	Char	17
Number The number of all type 3 debit records for this account	Char	12

<u>Transaction Code</u> DeskBank will complete this field with '000'	Char	3
Particulars DeskBank will complete this field with 'DEBITS'	Char	12
Analysis Code Blank field.	Char	12
Reference Blank field.	Char	12
Other Party Name Blank field.	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
Originating Bank/Branch Blank field.	Char	7

## **Type 8 Account Total CREDITS record**

Field	Type	Size
Record Type DeskBank will complete this field with '8'.	Num	1
<u>Corporate ID</u> Not used by Westpac. Blank field.	Char	6
Account Number In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
Amount The sum of all type 3 credit records. Explicit Decimal point.	Char	17
Number The number of all type 3 credit records for this account	Char	12
<u>Transaction Code</u> DeskBank will complete this field with '050'	Char	3
<u>Particulars</u> DeskBank will complete this field with "CREDITS"	Char	12
Analysis Code	Char	12
Blank field. <u>Reference</u> Blank field.	Char	12
Other Party Name Blank field.	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
Originating Bank/Branch Blank field.	Char	7

# Type 9 Grand account total DEBITS record

_ Field	Туре	Size
Record Type DeskBank will complete this field with '9'.	Num	1
<u>Corporate ID</u> Not used by Westpac. Blank field.	Char	6
Account Number  DeskBank will complete this field with the last account number in the file. In format BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
Amount The sum of all type 3 debit records for all accounts. Explicit Decimal point. Leading negative sign.	Char	17
Number The number of all type 3 debit records for all accounts	Char	12
<u>Transaction Code</u> DeskBank will complete this field with '000'.	Char	3
<u>Particulars</u> DeskBank will complete this field with "DEBITS"	Char	12
Analysis Code Blank field.	Char	12
<u>Reference</u> Blank field.	Char	12
Other Party Name Blank field.	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
<u>Originating Bank/Branch</u> Blank field.	Char	7
Type 9 Grand account total record - CREDITS		
Field	Type	Size
Record Type DeskBank will complete this field with '9'.	Num	1
<u>Corporate ID</u> Not used by Westpac. Blank field.	Char	6
Account Number  DeskBank will complete this field with the last account number in the . In format  BB-BBBB-AAAAAAA-SS (Hyphens included, surrounded by double quotes)	Char	18
Amount The sum of all type 3 credit records for all accounts. Explicit Decimal point.	Char	17
Number The sum of all type 3 credit records for all accounts.	Char	12

<u>Transaction Code</u> DeskBank will complete this field with '050'.	Char	3
<u>Particulars</u> DeskBank will complete this field with "CREDITS"	Char	12
Analysis Code Blank field.	Char	12
Reference Blank field.	Char	12
Other Party Name Blank field.	Char	20
<u>Transaction Date</u> In format DD/MM/YY or DD/MM/YYYY surrounded by double quotes.	Char	8
<u>Originating Bank/Branch</u> Blank field.	Char	7

## **MDS Transaction Import file format**

The MDS Transaction Import function enables you to transfer data from your organisation's accounting system into DeskBank for transmission to the Westpac Host computer. The MDS Transaction import file format required to successfully import data into DeskBank is described below.

## **File Format Requirements**

The import file must be an ASCII text file.

## **Fixed Length format**

DeskBank can successfully import a Fixed Length file that has no record delimiters or is delimited by Carriage Returns or Carriage Return, Linefeed delimiters.

If you use Carriage Return and Linefeed delimiters when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13) followed by the ASCII Linefeed character (Hex: OA, Dec: 10).

If you a Carriage Return delimiter when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13).

If you use no delimiter when creating the import file, DeskBank expects the import file to consist of fixed length records 275 bytes long.

## Comma Separated Value (CSV) Format

The file can also be used in a Comma Separated Value (CSV) format. The layout of the fields is as per the fixed length format but leading zeroes and blank filling are not required. The maximum length of each field is the same as the fixed length format.

Fields may be enclosed in double quote marks (ASCII code 34). There must be no leading or trailing spaces outside of the Double quotes marks.

- Embedded commas are permitted within fields that are double-quoted.
- Embedded double quotes are permitted within fields
- If the field is double-quoted, then two consecutive double-quotes indicate where a single double-quote should appear in the string
- If the field is not double-quoted, then every double-quote mark will appear in the string

Commas must be included as a field placeholder, up to the last field with data.

An end of record delimiter of Carriage Return Line Feed is expected.

Setting out the fields in an Excel spreadsheet and saving as a CSV type file is an easy way to produce the import file in this format. Note that date fields require leading zeroes.

#### **Record Types**

There are two types of MDS Transaction Import records; Header records and Detail records.

Header records define the value date of the detail records that follow the header records until the next header record is found within the file. Header records are optional and are only required if the records within the file have different value dates.

If no header record exists within the file or if the header record contains a date prior to the date the file is being imported, the value date displayed on the MDS Transaction Import screen will be used as the value date for the detail records.

Each Detail record represents an individual MDS Transaction containing both credit and debit details. The detail record can also contain the details to appear on the payee's/payer's statement. The details to appear on the payer/payee statement are generated when the file is imported.

## The Transaction type is interpreted as follows:

If import file has	then Transaction	Origin details	Contra details are:
	type is:	are:	details are.
Origin Account/Origin Client	Deposit	Payee	Payer
Reference is a valid Client with one			
DSN or			
Origin Account/DSN is valid and			
Transaction Code is 50-99			
Origin Account/Origin Client	Transfer	Payer	Payee
Reference is a valid Client with one			
DSN or			
Origin Account/DSN is valid and			
Contra Account/Contra client			
<b>Reference</b> is a valid Client with one			
DSN or			
Contra Account/DSN is valid and			
Transaction Code is 00-49			
Origin Account/Origin Client	Withdrawal	Payer	Payee
<b>Reference</b> is a valid Client with one			
DSN or			
Origin Account/DSN is valid and			
Transaction Code is 00-49			

## **Validation and Warnings during Import**

Validation is done to ensure:

- The Transaction type of the item matches the transaction type of the batch
- The Payer Account is accessible by this batch and is open.
- The Origin DSN is open.
- The Contra DSN (Transfer) is open.
- Origin Client Reference is either blank or matches the Client Reference for the Account/DSN specified or
   Origin DSN is zoro or matches the DSN for the Account /Client Reference
  - Origin DSN is zero or matches the DSN for the Account/Client Reference specified.
- For Transfers, a similar check is done for the Contra Account/client Reference/DSN
- The amount is in the range 0.00 to 999,999,999.99
- For Withdrawals, a Contra Name is present.

## Warnings are issued where:

- The Withdrawal or Transfer amount is more than the latest available End of Day balance for the Origin DSN for this transaction.
- Any 'Close Flag' fields have been ignored because the due date was not 'today'.

## **MDS Transaction Import Header Record (Optional):**

<u>Field</u>	Type	Size
Record Type The ASCII literal 'A'	Char	1
<u>Sequence Number</u> Each record should have a unique sequence number for ease of identification. Right justified, zero filled, not validated.	Num	6
Origin Bank Must contain ASCII literal '03'.	Num	2
<u>Origin Branch</u> Must contain a valid Branch number. Right justified, zero filled.	Num	4
<u>Customer Name (optional, not used)</u> Left justified, blank filled.	Char	30
<u>Customer Number (not currently used)</u> Blank filled.	Num	6
<u>Description (optional)</u> Left justified, blank filled. Saved as the Batch Statement description if non-blank and Aggregate is selected in Batch Control.	Char	20
<u>Due Date</u> Enter the value or due date of the records in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year	Num	6
Batch Type This is optional. If present, it is validated against the batch type. It must be blank, "WDL", "DEP" or "TFR"	Char	3
<u>Spare</u> Blank filled	Char	197
Total Maximum Record length  Note: in CSV format, the actual record may be longer, allowing for comma delimiter and optional double quote marks around some/all fields.		<del></del> 275

# **MDS Transaction Import Detail Record:**

<u>Field</u>	Туре	Size
Record Type The ASCII literal 'D'	Char	1
<u>Sequence Number</u> Each record should have a unique sequence number for ease of identification. Right justified, zero filled	Num	6
Origin Account Bank This is the originating account for the transaction. That is, the Payee (Credit) account for Deposits and the Payer (Debit) account for Withdrawals and Transfers. Must contain a valid Bank number. Right justified, zero filled	Num	2
Origin Account Branch Must contain valid Branch number. Right justified, zero filled	Num	4
Origin Account Base Must contain valid Account number. Right justified, zero filled	Num	8
Origin Account Suffix Right justified, zero filled	Num	4
Origin Account DSN (conditional) Right justified, zero filled	Num	5
Origin Client Reference (conditional) Left justified, blank filled Converted to UPPER CASE during import	Char	24
<u>Transaction Code</u> For Deposits = 93 For Withdrawals and Transfers = 43	Num	2
MTS Source For Deposits: Should be DC For Withdrawals and Transfers: Should be DE	Char	2
Amount Enter the value of the transaction in cents (i.e. without a decimal point.) No sign should be entered.	Num	15
Origin Description (optional) What will appear in MDS and on MDS ON Call Statements. Left justified, blank filled. Converted to UPPER CASE during import	Char	40
Contra Account Bank This is the Payer (debit) account for Deposits, and the Payee (Credit) account for Withdrawals and Transfers. Must contain a valid Bank number. Right justified, zero filled.	Num	2
Contra Account Branch Must contain a valid Branch number. Right justified, zero filled.	Num	4
<u>Contra Account Base</u> Must contain a valid Account number. Right justified, zero filled.	Num	8
Contra Account Suffix Right justified, zero filled.	Num	4
Contra Account DSN (conditional) Right justified, zero filled	Num	5

Contra Client Reference (conditional) Left justified, blank filled, Converted to UPPER CASE during import	Char	24
Contra Name (Mandatory for Withdrawals) Left justified, blank filled.	Char	20
Contra Particulars (optional) Left justified, blank filled.	Char	12
Contra Analysis Code (optional) Left justified, blank filled.	Char	12
<u>Contra Reference (optional)</u> Left justified, blank filled.	Char	12
Contra Description (optional) Left justified, blank filled. Converted to UPPER CASE during import	Char	40
Close Flag (optional) Set to C to close DSN, this initiates maintenance to close the DSN at the end of 'today', if the balance is zero. For Deposits, this is ignored. For Withdrawals/Transfers with a future-dated due date, this is ignored. Blank filled.	Char	1
<u>Spare</u> Blank filled.	Char	18
Total Maximum Record length  Note: in CSV format, the actual record may be longer, allowing for comma delimiter and optional double quote marks around some/all fields.		275

## **Payment or Direct Debit Import File Formats**

The Payment or Direct Debit Import functions enable you to transfer data from your organisation's accounting or payroll systems into DeskBank for authorisation and transmission to the Westpac Host computer. The payment and direct debit import file format required to successfully import data into DeskBank is described below.

#### File Format requirements

The import file must be an ASCII text file.

## **Fixed Length format**

DeskBank can successfully import a file that has no delimiters or is delimited by Carriage Returns or Carriage Return, Linefeed delimiters.

If you use Carriage Return and Linefeed delimiters when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13) followed by the ASCII Linefeed character (Hex: OA, Dec: 10).

If you use a Carriage Return delimiter when creating the import file, DeskBank will treat the records within the file as variable length records separated by the ASCII Carriage Return character (Hex: OD, Dec: 13).

If you use no delimiter when creating the import file, DeskBank expects the import file to consist of fixed length records 180 bytes long.

## Comma Separated Value (CSV) format

The file can also be used in a Comma Separated Value (CSV) format. The layout of the fields is as per the fixed length format but leading zeroes and blank filling are not required. The maximum length of each field is the same as the fixed length format. An end of record delimiter of Carriage Return and Line Feed characters is required. Setting out the fields in an Excel spreadsheet and saving as a CSV type file is an easy way to produce the import file in this format. Note that date fields require leading zeroes.

#### **Record Types**

DeskBank Payment and Direct Debit Import records can contain Header records and Detail records.

Header records define the value date of the detail records that follow the header records until the next header record is found within the file. Header records are optional and are only required if the records within the file have different value dates.

If the Header record contains a Description these details will appear in the Statement Description field on the Payment/Direct Debit summary screen and also in the other Party Name field for the aggregated Debit/Credit on your Bank statement.

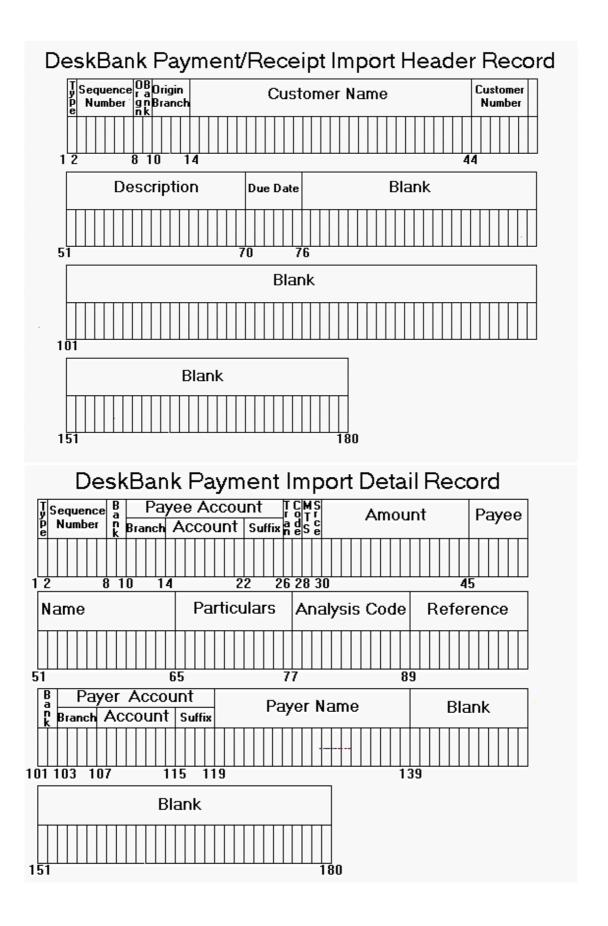
If no header record exists within the file or if the header record contains a date prior to the date the file is being imported, the value date displayed on the Payment/Direct Debit Import screen will be used as the value date for the detail records.

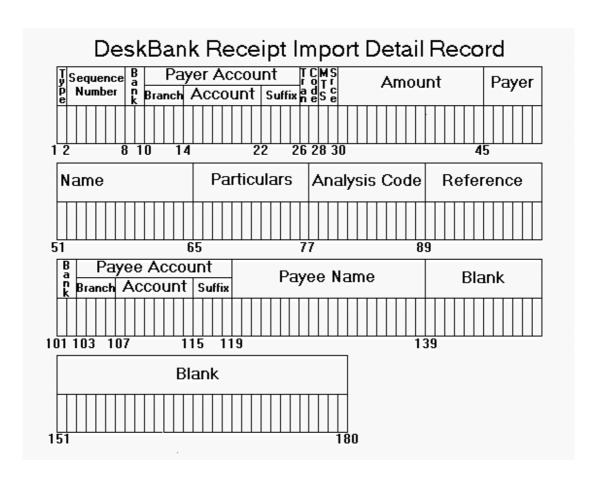
Each Detail record represents an individual payment or direct debit containing both credit and debit details. The detail record can also contain the details to appear on the payee's/payer's statement. The details to appear on the payer/payee statement are generated when the file is imported.

# Payment or Direct Debit Import Header Record Format (Optional)

Field	Type	Size
Record Type The ASCII literal 'A'	Char	1
Sequence Number Each record should have an unique sequence number for ease of identification. Right justified, zero filled.	Num	6
<u>Origin Bank</u> Must contain ASCII literal '03'.	Num	2
<u>Origin Branch</u> Must contain a valid Branch number. Right justified, zero filled.	Num	4
<u>Customer Name (optional)</u> Left justified, blank filled, upper case.	Char	30
<u>Customer Number (not currently used)</u> Blank filled.	Num	6
<u>Description (optional)</u> Left justified, blank filled, upper case. Description will appear in the Other Party Name field on the aggregated debit/credit	Char	20
<u>Due Date</u> Enter the value or due date of the records in 'DDMMYY' format where 'DD' is Day, 'MM' is Month and 'YY' is Year	Num	6
Spare Blank filled Payment or Direct Debit Import Detail Record Format	Char	105
Field	Type	Size
Record Type The ASCII literal 'D'	Char	1
Sequence Number Each record should have a unique sequence number for ease of identification. Right justified, zero filled	Num	6
Payee/Payer Account:		
<u>Bank</u> Must contain a valid Bank number. Right justified, zero filled	Num	2
<u>Branch</u> Must contain valid Branch number. Right justified, zero filled	Num	4
Account Must contain valid Account number. Right justified, zero filled	Num	8
Must contain valid Account number. Night justified, zero filled		
Suffix Right justified, zero filled	Num	4
<u>Suffix</u>	Num Num	2

Amount Enter the value of the transaction in cents without a decimal point. Right justified, zero filled	Num	15
Payee/Payer Name (optional) Enter the name of the account to be credited/debited. Left justified, blank filled	Char	20
Payee/Payer Particulars (optional) This data will appear in the payee's/payer's statement particulars field. Left justified, blank filled, upper case.	Char	12
Payee/Payer Analysis Code (optional) This data will appear in the payee's/payer's statement analysis code Left justified, blank filled, upper case.	Char	12
Payee/Payer Reference (optional) Numeric data will appear in the payee's/payer's statement reference field. Right justified, blank filled, upper case.	Char	12
Payer/Payee Account:		
Bank Must contain a valid Bank number. Right justified, zero filled.	Num	2
Branch Must contain a valid Branch number. Right justified, zero filled.	Num	4
Account Must contain a valid Account number. Right justified, zero filled.	Num	8
<u>Suffix</u> Right justified, zero filled.	Num	4
Payer/Payee Name (optional) Enter the name of the account to be debited/credited. Left justified, blank filled, upper case.	Char	20
<u>Spare</u> Blank filled.	Char	42





## **Telegraphic Transfer or Draft Import File Format**

The Telegraphic Transfer or Draft import function enables you to import multiple transactions into DeskBank by transferring data from your organisation's accounting system. The Telegraphic Transfer or Draft import file format required to successfully import records into DeskBank is described below.

#### **File Format**

The import file must be in a CSV format that uses Commas to separate each field. An end of record delimiter of Carriage Return and Line Feed characters is required. The file extension does not need to be .csv.

Only one type of transaction can be in each file, ie; either all TT or all DFT.

All fields must contain data unless they are noted as Optional.

Field sizes are the maximum length available, space or zero padding is not required.

Num type data fields must only contain numeric data. High order zeroes are not required except in the Value Date field which must contain all 8 digits of the date.

Char type data fields must have the data contained in double quotes if the data contains a comma eg; "Smith, ab". Creating the file in Excel and saving as .CSV should automatically do this.

#### CFCA accounts -

CFCA accounts can be used for the Applicant Bank charge Account or as Debit Accounts 1, 2, 3 or 4. A CFCA account should be in the format NNNNNNCCCAAAASS where NNNNNN = Customer Number, CCC= Currency code, AAAA = Account Number, SS = Suffix. The customer Number is entered in the Bank Field, Currency Code in Branch field, Account Number in Account and Suffix in Suffix. The Bank number field will automatically extend to include the longer Customer Number data. The Branch number field will accept the Alpha characters for the Currency code.

## Telegraphic Transfer or Draft Import File Format

Field	Type	Size
Record Type TT for Telegraphic Transfer or DFT for Draft Each file can only contain only one type of record, ie; all records must be either all TT or all DFT	Char	3
<u>User Reference</u> Must be unique, can not use a reference used for a previous TT or Draft.	Char	12
<u>Value Date</u> Must be in the format DDMMYYYY. Must be a valid business day. Must have a leading zero if date is only one digit.	Num	8
<u>CRS Number</u> This must match a company that has been enabled to 'Use for International' transactions in the International tab of System Administration in DeskBank.	Num	12
<u>Currency Code</u> Must be a valid currency code, eg AUD, GBP, EUR, JPY, NZD, USD etc	Char	3
Foreign Amount Enter the value of the transaction in cents without a decimal point. For currencies that have decimal places the final 2 characters will be assumed to be decimals. Commas are not allowed. Can only have Foreign Amount or NZD Equivalent not both.	Num	15

NZD Equivalent Enter the value of the transaction in cents without a decimal point. The final 2 characters will be assumed to be decimals. Commas are not allowed. Can only have Foreign Amount or NZD Equivalent not both.	Num	15
Applicant Enter the name of the Company applying for the TT or Draft	Char	35
Message to Beneficiary - Line 1 Optional field and available for Telegraphic Transfers only. Enter details of a message to be sent to the Beneficiary	Char	35
Message to Beneficiary - Line 2 Optional field and available for Telegraphic Transfers only. Enter details of a message to be sent to the Beneficiary	Char	35
Message to Beneficiary - Line 3 Optional field and available for Telegraphic Transfers only. Enter details of a message to be sent to the Beneficiary	Char	35
Message to Beneficiary - Line 4 Optional field and available for Telegraphic Transfers only. Enter details of a message to be sent to the Beneficiary	Char	35
Beneficiary Name - Line 1 Compulsory field. Maximum length for TT is 35. Maximum length for DFT is 50	Char	35/50
Beneficiary Name - Line 2 Optional field and available for Telegraphic Transfers only. Enter additional details for Beneficiary, eg address	Char	35
Beneficiary Name - Line 3 Optional field and available for Telegraphic Transfers only. Enter additional details for Beneficiary, eg address	Char	35
<u>Beneficiary Name - Line 4</u> Optional field and available for Telegraphic Transfers only. Enter additional details for Beneficiary, eg address	Char	35
Beneficiary Account Optional field and available for Telegraphic Transfers only. Enter account details.	Char	25
Beneficiary Bank Line 1 Compulsory field for Telegraphic Transfers only. Enter Beneficiary Bank name	Char	35
Beneficiary Bank Line 2 Optional field and available for Telegraphic Transfers only. Enter Beneficiary Bank address.	Char	35
<u>City</u> Compulsory field for Telegraphic Transfers only. Enter City for the Beneficiary Bank.	Char	23
Country Compulsory field for Telegraphic Transfers only. Enter the Country for the Beneficiary Bank. The Country can be one of the Countries on the list at the end of this document in which case it may be longer than 12 characters. If it is not on the Country list then it must be a maximum of 12 characters.	Char	12

FedWire/Sort Code Optional field available for Telegraphic Transfers only. Enter the FedWire/SortCode for the Beneficiary Bank. First 2 characters must match defaults for Country entered above, ie; Australia = AU, Canada = CC, United Kingdom = SC, U.S.A. = FW	Char	20
Foreign Bank Charges Compulsory field, must be either Applicant or Beneficiary	Char	11
Applicant Bank Charges Account - Bank The Bank number for the account to be charged with the TT or Draft fee. Account must be available in DeskBank	Num	2
Applicant Bank Charges Account - Branch The Branch number for the account to be charged with the TT or Draft fee. Account must be available in DeskBank	Num	4
Applicant Bank Charges Account - Account The Account number for the account to be charged with the TT or Draft fee. Account must be available in DeskBank	Num	7
Applicant Bank Charges Account - Suffix The Suffix for the account to be charged with the TT or Draft fee. Account must be available in DeskBank.	Num	3
Message to Branch - Line 1 Optional field. Enter details of a message to be sent to your Westpac branch	Char	50
Message to Branch - Line 2 Optional field. Enter details of a message to be sent to your Westpac branch	Char	50
Message to Branch - Line 3 Optional field. Enter details of a message to be sent to your Westpac branch	Char	50
<u>Debit Bank Account 1 - Bank</u> The Bank number for the account to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Debit Account 1 is compulsory	Num	2
<u>Debit Bank Account 1 - Branch</u> The Branch number for the account to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Debit Account 1 is compulsory	Num	4
<u>Debit Bank Account 1 - Account</u> The Account number for the account to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Debit Account 1 is compulsory	Num	7
Debit Bank Account 1 - Suffix The Suffix for the account to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Debit Account 1 is compulsory.	Num	3
FEC Number for Account 1 The Forward Exchange Contract reference for use with Debit Account 1. Optional field	Num	6
Foreign Amount for Account 1 The Foreign Amount to be debited to Debit Account 1. If only one debit account the amount must equal the Foreign Amount above. Enter the value of the Foreign Amount in cents without a decimal point. For currencies that have decimal places the final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 1.	Num	15

Exchange Rate for Account 1 The Exchange Rate for use with Debit Account 1. Decimal point needs to be entered if applicable. Optional field	Num	9
NZD Amount for Account 1 The NZD Amount to be debited to Debit Account 1. If only one debit account the amount must equal the NZD Amount above. Enter the value of the NZD Amount in cents without a decimal point. The final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 1	Num	15
<u>Debit Bank Account 2 - Bank</u> The Bank number for account 2 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	2
<u>Debit Bank Account 2 - Branch</u> The Branch number for account 2 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	4
<u>Debit Bank Account 2 - Account</u> The Account number for account 2 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	7
Debit Bank Account 2 - Suffix The Suffix for account 2 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	3
FEC Number for Account 2 The Forward Exchange Contract reference for use with Debit Account 2. Optional field	Num	6
Foreign Amount for Account 2 The Foreign Amount to be debited to Debit Account 2. If only one debit account the amount must equal the Foreign Amount above. Enter the value of the Foreign Amount in cents without a decimal point. For currencies that have decimal places the final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 2.	Num	15
Exchange Rate for Account 2 The Exchange Rate for use with Debit Account 2. Decimal point needs to be entered if applicable. Optional field	Num	9
NZD Amount for Account 2 The NZD Amount to be debited to Debit Account 2. If only one debit account the amount must equal the NZD Amount above. Enter the value of the NZD Amount in cents without a decimal point. The final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 2	Num	15
<u>Debit Bank Account 3 - Bank</u> The Bank number for account 3 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	2
<u>Debit Bank Account 3 - Branch</u> The Branch number for account 3 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	4

Debit Bank Account 3 - Account The Account number for account 3 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up	Num	7
to 4 accounts. Optional field.		
<u>Debit Bank Account 3 - Suffix</u> The Suffix for account 3 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	3
FEC Number for Account 3 The Forward Exchange Contract reference for use with Debit Account 3. Optional field	Num	6
Foreign Amount for Account 3  The Foreign Amount to be debited to Debit Account 3. If only one debit account the amount must equal the Foreign Amount above. Enter the value of the Foreign Amount in cents without a decimal point. For currencies that have decimal places the final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 3.	Num	15
Exchange Rate for Account 3  The Exchange Rate for use with Debit Account 3. Decimal point needs to be entered if applicable. Optional field	Num	9
NZD Amount for Account 3  The NZD Amount to be debited to Debit Account 3. If only one debit account the amount must equal the NZD Amount above. Enter the value of the NZD Amount in cents without a decimal point. The final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 3	Num	15
<u>Debit Bank Account 4 - Bank</u> The Bank number for account 4 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	2
<u>Debit Bank Account 4 - Branch</u> The Branch number for account 4 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	4
<u>Debit Bank Account 4 - Account</u> The Account number for account 4 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	7
<u>Debit Bank Account 4 - Suffix</u> The Suffix for account 4 to be debited for the value of the TT or Draft. Account must be available in DeskBank. Value can be spilt across up to 4 accounts. Optional field.	Num	3
FEC Number for Account 4 The Forward Exchange Contract reference for use with Debit Account 4. Optional field	Num	6
Foreign Amount for Account 4 The Foreign Amount to be debited to Debit Account 4. If only one debit account the amount must equal the Foreign Amount above. Enter the value of the Foreign Amount in cents without a decimal point. For currencies that have decimal places the final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 4.	Num	15

## Exchange Rate for Account 4

The Exchange Rate for use with Debit Account 4. Decimal point needs to be entered if applicable. Optional field

Num

Num

15

9

#### NZD Amount for Account 4

The NZD Amount to be debited to Debit Account 4. If only one debit account the amount must equal the NZD Amount above. Enter the value of the NZD Amount in cents without a decimal point. The final 2 characters will be assumed to be decimals. Commas are not allowed. Can not have values in both Foreign and NZD amount fields for Account 4..

#### **Country List**

AUSTRALIA, AUSTRIA, BELGIUM, CANADA, CHINA, COOK ISLANDS, DENMARK, FIJI, FINLAND, FRANCE, GERMANY, GREECE, HONG KONG, HUNGARY, INDIA, IRELAND, ITALY, JAPAN.

KOREA, (SOUTH), KOREA, (NORTH), LUXEMBOURG, MALAYSIA, NETHERLANDS, NEW CALEDONIA, NEW ZEALAND, NORWAY, PAKISTAN, PAPUA NEW GUINEA, PHILIPPINES, POLAND, PORTUGAL, SAUDI ARABIA, SINGAPORE, SOUTH AFRICA, SPAIN, SRI LANKA, SWEDEN, SWITZERLAND, TAHITI, TAIWAN, THAILAND, TONGA, TURKEY, UNITED KINGDOM, U.S.A., VANUATU, WESTERN SAMOA