

## 1.1 Record Descriptions

The file should be presented in ASCII format, following the file layout requirements as per the 3 (three) record types listed below:

1. 'Header Record'
2. 'Detail Record'
3. 'Trailer Record'

The field definition and structure for each record type is outlined in the following tables:

### 1.1.1 Header Record

The Header Record is the first record of the file to be submitted for authorisation and/or value clearance processing.

The layout of this record is outlined in the table below.

Field Name	Field Definition (size & type)	Field Description
Record Id	1 byte alphanumeric	'H'
Space	1 byte alphanumeric	Space
Creation Date	8 bytes numeric	Creation date  Format: YYYYMMDD
Merchant Number	9 bytes numeric	Merchant number as provided to you on approval of your application, the field needs to be right justified and filled with leading zeros IF the merchant number is less than 9 characters (eg. 001234568)  Please note the check digit must be the least significant byte
Merchant Name	21 bytes alphanumeric	Your business trading name
Space	1 byte alphanumeric	Space
Value Flag	1 byte alphanumeric	Flag with:  "Y" For authorisation & value clearance.  By placing a "Y" you are requesting to

Field Name	Field Definition (size & type)	Field Description
		have a value processed for all authorised transactions in the BatAuth File. This will be presented to your Financial Institution to be credited into the your account (please see note below)  “ “ (space) For Authorisation <u>ONLY</u> . No monetary file will be created for value clearance processing
Space	1 byte alphanumeric	Space
Space	9 bytes numeric	
Space	17 bytes alphanumeric	

**Please Note:** The automated creation of a monetary file (for value clearance processing) from granted authorisations can only be performed after authority has been received from your Financial Institution. If you are unsure whether you are authorised to create a monetary file please contact your Financial Institution.

### 1.1.2 Detail Record

The Detail Record should list transactional information for which you request authorisation and/or value clearance processing.

The layout of this record is outlined in the table below.

Field Name	Field Definition (size & type)	Field Description
Card Number	16 bytes numeric	The Credit Card number  13 - digit credit card numbers are to be padded with 3 leading zeroes e.g. 0001234567890123  The result file returns masked Card Number e.g. “4156000000000999”
Space	1 byte alphanumeric	Space

Expiry Date	4 bytes numeric	<p>This field is <b><u>mandatory</u></b>. You must enter the Credit Card expiry date in the following format:</p> <p style="text-align: center;">‘MMYY’</p> <p>MM – is the month (2 digit)</p> <p>YY- is the year</p> <p>e.g. 0299</p> <p>Not entering an expiry date will result in the transaction being rejected/declined</p>
Space	1 byte alphanumeric	Space
Amount	9 bytes numeric	<p>Transaction amount</p> <p>You must enter the amount in the following format:</p> <p>Dollars (\$) = 7 digits</p> <p>Cents (¢)= 2 digits</p> <p>Please do not enter a decimal point</p> <p>e.g. \$445.95 would be <b>000044595</b></p>
Space	1 byte alphanumeric	Space
Authorisation type	1 alpha	<p>Authorisation type:</p> <p><b>‘M’</b> = Mail Order</p> <p><b>‘T’</b> = Telephone Order</p> <p><b>‘R’</b> = Recurring</p> <p><b>‘E’</b> = E-commerce</p> <p><b>‘C’</b> = Customer Present</p>
Space	1 byte alphanumeric	Space

Authorisation Result	15 bytes alphanumeric	<p>This field must be filled with spaces when the file is sent to BPOINT for authorisation processing</p> <p>BPOINT will run each transaction through the authorisation process and fill this field with one of the following response values:</p> <ol style="list-style-type: none"> <li>1. <b>Authorisation Number</b> - Six (6) character alphanumeric authorisation number followed by 9 spaces</li> <li>2. <b>'DECLINED'</b></li> <li>3. <b>'INV CARD NUMBER'</b></li> <li>4. <b>'INVALID EXPIRY'</b></li> <li>5. <b>'EXPIRED CARD'</b></li> <li>6. <b>'INVALID AMOUNT'</b></li> <li>7. <b>'RING FOR AUTH'</b></li> <li>8. <b>'INV SCH FOR MCH'</b></li> <li>9. <b>'INV MRCH NUMBER'</b></li> </ol> <p>For information on what these decline responses mean please refer to Section <b>Error! Reference source not found.</b> on page <b>Error! Bookmark not defined.</b></p>
Merchant Reference Number	20 bytes alphanumeric	<p>This field is <u>not</u> mandatory</p> <p>It would contain the Merchant's key and will be passed back to you as presented to BPOINT</p>
Space	1 byte alphanumeric	Space
Space	4 bytes numeric	Space

### 1.1.3 Trailer Record

The Trailer Record is the final record of the file.

The layout of this record is outlined in the table below.

Field Name	Field Definition (size & type)	Field Description
Record Id	1 alpha	'T'
Space	1 byte alphanumeric	Space
Record Count	6 numeric	Total number of detail records in the file. This <u>does not</u> include header and trailer records
Space	1 byte alphanumeric	Space
<b>N.B</b> The following fields are not generated by you (the Merchant) but are returned by BPOINT if value transactions have been created. The following fields are only presented in the ALL.DAT file (please refer to Section <b>Error! Reference source not found.</b> - <b>Error! Reference source not found.</b> on page <b>Error! Bookmark not defined.</b> for information)		
Value Submitted	11 numeric	The total value of all transactions in the file in the following format:  Dollars (\$) = 9 digits filled with leading '0's  Cents (¢) = 2 digits  E.g. \$445.95 would be <b>00000044595</b>
Space	1 byte alphanumeric	Space
Legend	22 alpha	The following literal:  <b>'TOTAL VALUE CREATED IS'</b>
Space	1 byte alphanumeric	Space
Value Created	11 bytes numeric	The total value of all granted authorisations for which value transactions were created