

Standard File Format Specification to  
instruct HFC to process Batch Transactions

# HFC FILE FORMAT

VERSION 4

Georgina Naigulevu

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## INTRODUCTION

This is the file format specification used to instruct HFC to process batch transactions. The file extension used is “.PC2”

## PC2 FILE FORMAT

### GENERAL STRUCTURE

Each line in an PC2 file is a “record”. An PC2 File has three main records, the “descriptive” record, a “detail” record for each transaction and the “file total record” at the end. The first character position of each new record indicates what type of record it is. An PC2 record is exactly 137 characters long (excluding new characters).

### HEADER – RECORD TYPE 0 – DESCRIPTIVE RECORD

Char Pos	Field Size	Field Description	Specification
<b>1</b>	17	Record Type 0	Must be ‘0’
<b>2-18</b>	17	Blank	Must be filled
<b>19-20</b>	2	Reel Sequence Number	Must be numeric commencing at 01. Right Justified. Zero filled.
<b>21-23</b>	3	Name of Financial Institution	HFC
<b>24-30</b>	7	Blank	Must be blank filled
<b>31-56</b>	26	Name of User Supplying File	Left justified, blank filled. All coded character set valid. Must not be all blanks.
<b>57-62</b>	6	User Identification Number	Assigned by HFC. Must be numeric. Right justified. Zero filled. Default is 000007
<b>63-74</b>	12	Description of entries on file e.g. "PAYROLL"	All coded character set valid. Must not be all blanks. Left justified, blank filled.
<b>75-80</b>	6	Date To Be Processed	Must be numeric in the formal of DDMMYY. Must be a valid date. Zero filled.
<b>81-137</b>	57	Blank	Must be blank filled.

### TRANSACTION – RECORD TYPE 1 – DETAIL RECORD

Char	Field Size	Field Description	Specification
<b>1</b>	1	Record Type 1	Must be ‘1’.
<b>2-8</b>	7	Beneficiary BSB Number	Must be numeric with hyphen in character position 5. Refer to BSB Table.
<b>9-34</b>	26	Beneficiary Account Number to be credited/debited	26 Alphanumeric and can contain Special Character. Right justified, zero filled. Refer to Coded Character Set Table.
<b>35</b>	1	Indicator	Must be a space.

<b>36-37</b>	2	Transaction Code	Only numeric valid. Refer to Transaction Code Table.
<b>38-47</b>	10	Amount	Only numeric valid. Must be greater than zero. Show in cents without punctuations. Right justified. Zero filled. Unsigned.
<b>48-79</b>	32	Title of Account to be credited/debited	All coded character set valid. Must not be all blanks. Left justified, blank filled. For example, Account Holder name.
<b>80-97</b>	18	Narrative	Left justified. Blank Filled.
<b>98-104</b>	7	Remitter BSB	Must be "129-010"
<b>105-113</b>	9	Remitter Account Number	9 Alphanumeric. Refer to Coded Character Set Table. If HFC Account Number is greater than 9 then your client may request HFC for XRef Number to be used.
<b>114-129</b>	16	Name of Remitter	All coded character set valid. Must not contain all blanks. Left justified, blank filled.
<b>130-137</b>	8	Amount of Withholding Tax	Numeric only valid. Show in cents without punctuation. Right justified, zero filled. Unsigned.

#### BATCH AND BANK SUMMARY – RECORD TYPE 7 – FILE TOTAL RECORD

Char Pos	Field Size	Field Description	Specification
<b>1</b>	1	Record Type 7	Must be '7'
<b>2-8</b>	7	Bank/State/Branch Number	Must be '999-999' to represent total batch summary. For Bank Summaries, Must be BSB is used to represent the Summary for that bank.
<b>9-20</b>	12	Blank	Must be blank filled.
<b>21-30</b>	10	File (User) Net Total Amount	Numeric only valid. Must equal the difference between File Credit & File Debit Total Amounts. Show in cents without punctuation. Right justified, zero filled. Unsigned.
<b>41-50</b>	10	File (User) Credit Total Amount	Numeric only valid. Must equal the accumulated total of credit Detail Record amounts. Show in cents without punctuation. Right justified, zero filled. Unsigned.
<b>51-74</b>	24	File (User) Debit Total Amount	Numeric only valid. Must equal the accumulated total of debit Detail Record amounts. Show in cents without punctuation. Right justified, zero filled. Unsigned.
<b>75-80</b>	6	Blank	Must be blank filled.

		File (user) count of Records Type 1	Numeric only valid. Must equal accumulated number of Record Type 1 items on the file. Right justified, zero filled.
<b>81-137</b>	40	Blank	Must be blank filled.

## REFERENCE TABLES

### CODED CHARACTER SET TABLE

Coded Character Set	Value Range
Numeric	0 to 9
Alphabetic	Uppercase A to Z and Lowercase a to Z
Alphanumeric	Combination of 0 to 9, Uppercase A to Z and Lowercase a to Z
Special Character	Symbol of period or decimal point “.”

### BSB TABLE

BSB Code	Bank	ShortCode
129-010	HFC Bank	HFC
049-101	Bank of Baroda	BOB
010-890	ANZ Bank	ANZ
119-010	BRED Bank	BRED
039-001	Westpac	WBC
069-001	Bank of South Pacific	BSP

### TRANSACTION CODE TABLE

TRANCODE	DESCRIPTION
53	Credit (Pay)
13	Debit