Layout of ACH Files Generated by this Process

File Header

Column Name	String Length	Position From	To	Comments
Record type code	1	1	1	"1"
Priority code	2	2	3	"01"
City Bank routing number	10	4	13	1 blank "" 2-5 Fed. Res. Rt. Symbol 6-9 inst. ID 10 check digit
City ID	10	14	23	1 blank "" 2-5 Fed. Res. Rt. Symbol 6-9 inst. ID 10 check digit
Current date on workstation	6	24	29	yymmdd
Current time on workstation	4	30	33	hhmm 24 hr
Same day ID or Same day date	1	34	34	A-Z, 0-9 A=first, B=2nd Z=26, 0=27 Note: If the date changes, restart at A
Record Size	3	35	37	"094"
Blocking Factor	2	38	39	"10"
Format Code	1	40	40	"1"
City Bank Name	23	41	63	Pad Right with blank characters
Organization Name	23	64	86	Pad Right with blank characters
Ref. code	8	87	94	

Batch Header

Column Name	String Length	Position From	To	Comments
Record type code	1	1	1	"5"
Service class code	3	2	4	"200"
Organization name	16	5	20	Name or Source; e.g., "City or Plymouth"
Discretionary variable	20	21	40	e.g., "Utility Payments"
City ID	10	41	50	Originator ID #
Standard entry class code	3	51	53	ACK, ADV, ATX, CDD etc
Description of entry	10	54	63	e.g., "Utility "
Date variable	6	64	69	mmddyy or mm yy or mmmyy
Due date	6	70	75	effective entry dat " "
Settlement date	3	76	78	Settlement date " "
Originator status code	1	79	79	"1"
City Bank Routing Number	8	80	87	Originating DFI ID #
Batch #	7	88	94	Pad with left 0's

Detail Record

Column Name	String Length	Position From	To	Comments
Record type code	1	1	1	"6"
Transaction code	2	2	3	

Final Draft

Column Name	String Length	Position From	To	Comments
Bank_transit_no	8	4	11	Receiving DFI ID
Bank_transit_no	1	12	12	Check digit
Bank_Account_no	17	13	29	Left align-pad right
Bill amount	10	30	39	Format$(tmp_val, ″#0.00″)
AR ID & " " & Posting ID	15	40	54	Ref. # on invoice, left align
Free line 1	22	55	76	Variable, left align
Discretionary data	2	77	78	empty ″ ″
Addenda record indicator	1	79	79	"1" = more to follow "0" = no record present
Trace #	15	80	94	Variable, 1-8=Route # of ODFI 9-15 = entry sequence #

Batch Control

Column Name	String Length	Position To	From	Comments
Record type code	1	1	1	"8"
Service class code	3	2	4	e.g., "200"
Entry/addenda count	6	5	10	variable, pad with 0 to left
Entry hash	10	11	20	variable
Total debit	12	21	32	entry dollar amt, variable, pad with 0 to left

Total credit	12	33	44	entry dollar amount, pad with 0 to left
City ID	10	45	54	Originator ID #
Message authentication code	10	55	73	remaining 11 chars are blank
Reserved	6	74	79	" "
City Bank Routing Number	8	80	87	Originating DFI Id#
Batch #	7	88	94	pad with 0 to left

File Control

Column Name	String Length	Position From	To	Comments
Record type code	1	1	1	"9"
Batch count	6	2	7	pad with 0 to left
Block count	6	8	13	pad with 0 to left
Entry/addenda count	8	14	21	pad with 0 to left
Entry hash	10	22	31	
Total debit	12	32	43	entry dollar amount, pad with 0 to left
Total credit	12	44	55	entry dollar amount, pad with 0 to left
Reserved	39	56	94	blank chars

Final Draft