

Fed/State Acknowledgement Processing

Example 1: This is a current 58 byte Acknowledgement record with a Header and trailer*:

```
*THDAAA
0021BEGIN00001AAA MO
0058AAA MO43639602094306969618052 1759802051160013
0019END00001AAA MO
```

Breakdown: Header

<u>Data</u>	<u>Description</u>	<u>Length</u>	<u>Field#(Generic Record)</u>
*THD	Header ID	3	
AAAbb	Mailbox ID	5	052-1

Breakdown: Mailbox record

<u>Data</u>	<u>Description</u>	<u>Length</u>	<u>Field #</u>
0021	Byte count	4	
BEGIN	Beginning of Mailbox info	5	
00001	Number of Acks	5	
AAAbb	Mailbox ID	5	052-1
Filler		2	
MO	State ID	2	010

Breakdown: Ack Record

<u>Data</u>	<u>Description</u>	<u>Length</u>	
0058	Byte count	4	
AAAbb	Mailbox ID	5	052-1
MO	State ID	2	010
436396	EFIN	6	020-2
02094	Last 5 of DCN	5	020-3 & 4
306969618	Primary SSN	9	0003
052	Julian Date	3	
BB	Error Code1 (If reject)	2	
BB	Error Code2 (If reject)	2	
Filler		4	
1759802051160013	RSN	16	023

59	Preparer's Agent	Transmitter Type	16
75	A	Processing Site	1
76	20040216	Transmission Date	8
84	9999991	ETIN of State+ Use Code	7
91	047	Julian Date	3
94	01	Transmission Seq.	2
96	A	Transmission Format	1
97	V	Record Type	1
98		EFIN of Transmitter	6
104	Filler		5
109	Reserved		1
110	Reserved		1
111	Filler		6
117	T	Production-Test	1
118	Z	Transmission Type Code	1
119	Filler		1
120	#	Terminus	1

Breakdown: TRANB Record (Outer Envelope)

Pos	Data	Description	Length
1	0120	Byte Count	4
5	****	Record Sentinel	4
9	TRANBb	Tran B Identifier (all caps)	6
15	999999999	EIN of transmitter	9
24	301 WEST HIGH STREET	Transmitter Address	35
59	JEFFERSON CITY MO	Transmitter City State, Zip	35
94	5735224300	Transmitter Ph	10
104	Filler		16
120	#	Terminus	1

Breakdown: TRANA Record (Inner Envelope)

Pos	Data	Description	Length	Field #
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	TRANAb	Tran A Identifier (all caps)	6	
15		EIN of transmitter	9	
24	AAA	Transmitter Name(Mailbox ID)	35	052-1
59	Preparer's Agent	Transmitter Type	16	
75	A	Processing Site	1	
76	20040216	Transmission Date	8	
84	9999991	ETIN of Transmitter	7	023-1
91	047	Julian Date	3	
94	01	Transmission Seq.	2	
96	A	Transmission Format	1	
97	V	Record Type	1	
98	123456	EFIN of Transmitter	6	020-2
104	Filler		5	
109	Reserved		1	
110	Reserved		1	
111	Filler		6	
117	T	Production-Test	1	
118	Z	Transmission Type Code	1	
119	Filler		1	
120	#	Terminus	1	

Breakdown: TRANB Record (Inner Envelope)

Pos	Data	Description	Length
1	0120	Byte Count	4
5	****	Record Sentinel	4
9	TRANBb	Tran B Identifier (all caps)	6
15		EIN of transmitter	9
24	111 EAST MAPLE STREET	Transmitter Address	35

59	JEFFERSON CITY MO	Transmitter City State, Zip	35
94	5735552211	Transmitter Ph	10
104	Filler		16
120	#	Terminus	1

Breakdown: Ack Record

Pos	Data	Description	Length	Field#
1	0120	Bye Count	4	
5	****	Record Sentinel	4	
9	ACKbbb	Ack Record ID	6	
15	Filler		2	
17	400001003	SSN of Taxpayer	9	0003
26	5769977047010001	RSN	16	023
42	000000001545	Expected Refund or Bal Due	12	630/645**
54	A	Acceptance Code	1	
55	bbb	Duplicate Code	3	
58	2	PIN Presence Indicator	1	
59	b	EFT Code	1	
60	20040216	Date Accepted	8	
68	00331569000034	Return DCN	14	020
82	00	Number of Error recs	2	
84	Filler		13	
97	bbbbbbbbbbbbbb	Payment Acknowledgement Literal	15	
112	0	Date of Birth Validation	1	
113	bbbb	State-Only Code	4	
117	b	Debt code	1	
118	MO	State Packet Code	2	
120	#	Terminus	1	

Breakdown: Recap Record (Inner Envelope)

Pos	Data	Description	Length	Field#
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	RECAPb	Recap Record ID	6	
15	Filler		8	
23	000000	Total EFT Count	6	
29	000001	Total Return Count	6	
35	9999991	ETIN + Use Code (Transmitter)	7	
42	047	Julian Date	3	
45	01	Transmission Seq.	2	
47	000001	Total Accepted Returns	6	
53	000000	Total Duplicated Returns	6	
59	000000	Total Rejected Returns	6	
65	000000	Total Duplicated EFT	6	
71	000000	Computed EFT Count	6	
77	000001	Computed Return Count	6	
83	000000	Total State Only Return Count	6	
89	000000	Total Accepted State Only	6	
95	Filler		5	
100		Acknowledgement file name	20**	
120	#	Record Terminus	1	

** State does not populate this field. EMS populates the GTX key

Breakdown: Recap Record (Outer Envelope)

Pos	Data	Description	Length	Field#
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	RECAPb	Recap Record ID	6	
15	Filler		8	
23	000000	Total EFT Count	6	
29	000001	Total Return Count	6	
35	9999991	ETIN + Use Code (State ETIN)	7	
42	047	Julian Date	3	

45	01	Transmission Seq.	2
47	000001	Total Accepted Returns	6
53	000000	Total Duplicated Returns	6
59	000000	Total Rejected Returns	6
65	000000	Total Duplicated EFT	6
71	000000	Computed EFT Count	6
77	000001	Computed Return Count	6
83	000000	Total State Only Return Count	6
89	000000	Total Accepted State Only	6
95	Filler		5
100		Acknowledgement file name	20**
120	#	Record Terminus	1

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Example 3: This is a sample of a 120 byte acknowledgement record (1 Accepted, 1 Rejected): *

```

0120****TRANA 999999999MISSOURI DEPT OF REVENUE          Preparer's AgentA20040216999999104701AV          TZ #
0120****TRANB 999999999301 WEST HIGH STREET              JEFFERSON CITY MO 65105          5735224300          #
0120****TRANA          AAA          Preparer's AgentA20040216111111 04701AV123456          TZ #
0120****TRANB          111 EAST MAPLE STREET              JEFFERSON CITY MO 65101          5735552211          #
0120****ACK      40000100357699770470100010000000001545A  2  200402160033156900003400          0  MO#
0120****ACK      40000101757699770470100060000000001450R  2  200402160033156900017401          MO#
0120****ACKR 400001017          01          PG00 0000001  0088          #
0120****RECAP          00000000000211111110470100000100000000001000000000000002000000000000          #
0120****RECAP          0000000000029999999104701000001000000000001000000000000000200000000000          #

```

***Outer and Inner TranA and TranB records would be the same as above so they are not broken down in this section. States could include multiple ACKR records if their system detects multiple errors.**

Breakdown: Ack Record for Reject

Pos	Data	Description	Length	Field#
1	0120	Bye Count	4	
5	****	Record Sentinel	4	

9	ACKbbb	Ack Record ID	6	
15	Filler		2	
17	400001017	SSN of Taxpayer	9	0003
26	5769977047010001	RSN	16	023
42	000000001450	Expected Refund or Bal Due	12	630/645**
54	R	Acceptance Code	1	
55	bbb	Duplicate Code	3	
58	2	PIN Presence Indicator	1	
59	b	EFT Code	1	
60	20040216	Date Accepted	8	
68	00331569000034	Return DCN	14	020
82	00	Number of Error recs	2	
84	Filler		13	
97	bbbbbbbbbbbbbbb	Payment Acknowledgement Literal	15	
112	0	Date of Birth Validation	1	
113	bbbb	State-Only Code	4	
117	b	Debt code	1	
118	MO	State Packet Code	2	
120	#	Terminus		

Breakdown: AckR Record for Reject

Pos	Data	Description	Length	Field#
1	0120	Bye Count	4	
5	****	Record Sentinel	4	
9	ACKRbb	Ack Record ID	6	
15	400001017	SSN of Taxpayer	9	0003
24	Filler		7	
31	01	Error Record Seq #	2	
33	bbbbbb	Error Form Record Id	6	
39	bbbbbb	Error Form Record Type	6	
45	PG00b	Error Form Page	5	
50	0000001	Error Form Occurrence	7	
57	bbbb	Error Field	4	
61	0088	Error Reject Code	4	
65	Filler		55	

120

#

Terminus

Breakdown: Recap Record (Inner Envelope)

Pos	Data	Description	Length	Field#
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	RECAPb	Recap Record ID	6	
15	Filler		8	
23	000000	Total EFT Count	6	
29	000002	Total Return Count	6	
35	9999991	ETIN + Use Code (Transmitter)	7	
42	047	Julian Date	3	
45	01	Transmission Seq.	2	
47	000001	Total Accepted Returns	6	
53	000000	Total Duplicated Returns	6	
59	000001	Total Rejected Returns	6	
65	000000	Total Duplicated EFT	6	
71	000000	Computed EFT Count	6	
77	000002	Computed Return Count	6	
83	000000	Total State Only Return Count	6	
89	000000	Total Accepted State Only	6	
95	Filler		5	
100		Acknowledgement file name	20**	
120	#	Record Terminus	1	

** State does not populate this field. EMS populates the GTX key

Breakdown: Recap Record (Outer Envelope)

Pos	Data	Description	Length	Field#
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	RECAPb	Recap Record ID	6	
15	Filler		8	
23	000000	Total EFT Count	6	

Pos	Data	Description	Length	Field#
1	0120	Byte Count	4	
5	****	Record Sentinel	4	
9	RECAPb	Recap Record ID	6	
15	Filler		8	
23	000000	Total EFT Count	6	
29	000004	Total Return Count	6	
35	9999991	ETIN + Use Code (State ETIN)	7	
42	047	Julian Date	3	
45	01	Transmission Seq.	2	
47	000003	Total Accepted Returns	6	
53	000000	Total Duplicated Returns	6	
59	000001	Total Rejected Returns	6	
65	000000	Total Duplicated EFT	6	
71	000000	Computed EFT Count	6	
77	000004	Computed Return Count	6	
83	000000	Total State Only Return Count	6	
89	000000	Total Accepted State Only	6	
95	Filler		5	
100		Acknowledgement file name	20**	
120	#	Record Terminus	1	

** State does not populate this field. EMS populates the GTX key