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STANDARD EDITS

OVERVIEW

AT&T Telco follows IBM standards and requires that input data files conform to these standards.

DETAILED PROCESS

Standard Edits

Pack Edits

The following lists the critical edits that are performed on the packs in the entry programs, which process B& C Customer messages.

Rejects identified here require a corrected pack to be sent to AT&T Telco before processing can continue on the subsequent packs. (*See the Data Processing tab - "Fixing Input Data" for the steps to be taken when returning a pack for re-processing.*)

The edits are the same for all input data regardless of how AT&T Telco receives data. The edits are outlined in the Exhibits following.

Obligation Number Requirement

The Serial Number, also referred to as the Obligation Number, is necessary to track revenues from receipt by AT&T Telco through payment back to the B&C Customer. This number should be unique for each input data tape or input data transmission. There should be only one Obligation Number used for one tape or transmission. This means that if a tape contains multiple packs, all the messages on that tape will have the same Obligation Number and the next tape will have a different Obligation Number.

The Obligation Number is found in the EMI detail record in positions 102 - 109. The required format is:

999YYDDD

999 should be 3 digits of the B&C Customer's CIC Code and YYDDD is the Julian date. (*See NOTE that follows.*) This format will ensure that AT&T Telco does not receive duplicate Obligation Numbers among the different B&C Customers.

NOTE: Failure to build the Obligation Number using the values defined above will inhibit the ability of SWB personnel to assist your Entity with any questions that might arise, thus delay any response from AT&T Telco. In addition, if the same Obligation Number is used for more than one "tape" transmitted to AT&T Telco, the Obligation Number used for reporting the settlement on that transmission will not be the same. (This is because settlement procedures will not allow settlement on the same Obligation Number twice, meaning that Finance Operations must manually change the Obligation Number in CASPAR to pull the settlement.) When this occurs, your Entity will not be able to use the Obligation Number to match the Settlement Report to the Confirmation Report, which will impair your ability to ensure settlements are correct.

When this occurs, AT&T Telco will do what can be done, if time allows, to assist you with any questions, but will not assume responsibility if you are unable to match your settlements to your Confirmation Reports. ***AT&T Telco strongly urges each Entity to conform to the Obligation Number data standard defined above.***

AT&T Telco's Accounts Receivable (A/R) system requires a unique Obligation Number or the data will error. Data which errors out of the system due to invalid Obligation Numbers will have to be handled manually, and may cause a delay of payment for a Customer's A/Rs.

This procedure was developed based upon a requirement for the upfront purchase process. The Obligation Number is necessary for tracking receipt and payment of revenues; therefore, AT&T Telco requires it of all Customers, not just those with upfront purchase.

Compliance Edits

The following edits were implemented to ensure that messages submitted would comply with AT&T Telco policies. These edits will be active for all Casual User messages. Any returns that occur will be returned via the Unbillables Report File with a return code of "59" (see "Unbillables" section of this binder).

Description of Changes:

1. Validate EMI Message Type of all Casual User Records
 - If value = 1 (sent paid), originating number must equal billing number.
 - If value = 2 (3rd number), originating number and terminating number cannot equal zeros.
 - If value = 3 (credit card), originating number cannot equal billing number.
 - If value = 4 (collect), terminating number must equal billing number, AND originating number cannot equal billing number.
2. Information Provider Records
 - If record type = 01xx16, message type cannot equal 4 (collect) or 2 (3rd number).

For all other EMI detailed messages:

1. Numerics
Verifies that positions 1-69, 75-109 and positions 150-175 of the EMI detail message are numeric.
2. EMI Record Identification (positions 1-6)
The valid EMI record identification with AT&T Telco as agreed to in the B&C contract. (A list of valid EMI Record ID's can be found under *Detailed Process – Record Types* in the "Data Processing" section of this binder).
3. Message Date
 - Message date month must be a value of 01 through 12.
 - Message date day must be a value of 01 through 31.
 - Message date cannot be greater than current date.
 - Message date cannot be older than stated in the Customer's contract.

4. From Number
Errors detail/usage messages containing zeroes in the "From NPA" or "From NXX" fields, except for the 010501 and 010701 records.
5. To Number
Errors detail/usage messages containing zeroes in the "To NPA" or "To NXX" fields. *(If the "To NPA" equals 700/800/900 and the record type is not 010116, messages are also erred.)*
6. Billable Amount
The billing charge amount cannot be equal to zero.
7. Connect Time
Connect hour must be less than 24 or equal to 25.
Connect minutes and seconds must be less than 60 or equal to 99.

Module 024A, Module 025A, Module 026A

Module 024A -- Streaming Media Event Start/End Information

Module 025A – Streaming Media Event Billing Information

Module 026A – Streaming Media Event Quality Service

- These modules are valid only on a 41-50-01 and a 42-50-01 EMI record type
- Indicator 22 must be populated with a value of “6” if the module(s) are appended
- At the minimum, the 024A must be appended
- Only one instance of each module can occur

Carrier will need to schedule project testing prior to sending these modules.

Module 010A Tax or Surcharge module

The presence of this module impacts how the base EMI record to which it is appended is populated.

- Indicator 13 must be set to ‘8’ when the 010A module is appended.
- The sum of the Amount of Tax/Surcharge for all 010A modules appended to a single base EMI record is populated in the Total Module Tax and Surcharge (which is a redefinition of the State Tax and Local Tax fields on the base record).

Rules for accumulating the Grand Total Revenue on pack trailer records are also adjusted to include the Total Module Tax and Surcharge (i.e., the revenue on the 010A modules) within the pack.

EMI Pack Header Edits

Note: Invoice Billing Casual User data is forwarded to AT&T Telco using 202205/202206 packs. All other Casual User data is forwarded to AT&T Telco using 202203/202204 packs. Invoice Billing Casual User packs are not accepted by CMDS.

Note: This table of edits applies to **ALL** casual user packs.

Error Code	Error Description	Error Action
2201	The first record in a pack must be the pack header record. Record Identification (positions 1 - 6) must equal 202205 for invoice billing casual user data and must equal 202203 for all other casual user data.	Reject Pack
2202	The invoice number (positions 13 - 14) must be a valid combination for each CIC, Send To RAO, Billing RAO, Company Number, IC Data Center, and Pack Data Type combination for IC Data Center = 00, 01, 90, 91 or 32. Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14.	Reject Pack
2203	The invoice number will be verified for duplicate packs for IC Data Center Number = 00, 01, 90, 91 or 32. Note: Invalid invoice number may indicate duplicate packs.	Reject Pack
2204	The invoice number will be verified for missing packs for IC Data Center Number = 00, 90, 01, 91 or 32. For example, the AI800 VSAM disk contains "expected invoice number" of 4 and the last accepted number is 3, then any invoice number other than 4 will be rejected.	Reject Pack
2205	The EMI IC data center number field (positions 26 - 27) must equal 00, 01, 90, 91 or 32.	Reject Pack
2206	The company number (positions 15 - 16) must equal 33 for IC Data Center Number = 00, 01, 90, 91 or 32.	Reject Pack
2208	The CIC must have 'active' status per the SWB Billing Entities table (based upon signed contract). Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14.	Reject Pack
2209	The Obligation Number (positions 186 - 193) must be numeric and greater than zero on 202205 headers (invoice billing only).	Reject Pack
2211	Positions 1 –19 and 26 to end of record must be numeric.	Reject Pack
2212	No header present on pack.	Reject Pack

Error Code	Error Description	Error Action
2213	The header date (positions 7 - 12) in the 202203/202205 records must be valid. 1. Month must be a value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Header date cannot be greater than current date.	Reject Pack
2214	The Time Created field (positions 118 - 121) in the 202203/202205 header must be valid. 1. Time should be military time. 2. Hour (HH) must be in the range of 00 - 23. 3. Minute (MM) must be in the range of 00 - 59.	Reject Pack
2215	If the Pack Type Indicator (position 100) = 1 in the 202203 header, then the pack can only contain category 41 records.	Reject Pack
2216	Indicator 14 (position 35) must be equal to 0, 4, 5, 7 or 8.	Reject Pack

1. If error codes of 2202 and 2208 are both received, then the CIC is incorrect.
2. If error codes of 2202 and 2205 are both received, then the IC/DC # is incorrect.
3. If error codes of 2202 and 2206 are both received, then the Company # is incorrect.
4. If error code of 2202 is received, then a RAO problem exists.

IC Data Center Values:

Casual User Toll/FGD IC = 00
 Telegrams/FGD IC = 01
 Casual User Toll/ABEC IC = 90
 Telegrams/ABEC IC = 91
 Casual User Toll/Invoice Billing IC = 32

Indicator 14 Values (used to determine location and format of CIC):

Value = 4 Record in 175 or 220 byte format without modules. Carrier Identification is 3 bytes.
 Value = 5 Record in 175 or 220 byte format with modules. Carrier Identification is 3 bytes.
 Value = 7 Record in 175 or 220 byte format without modules. Carrier Identification is 4 bytes.
 Value = 8 Record in 175 or 220 byte format with modules. Carrier Identification is 4 bytes.

EMI Pack Trailer Edits

Note: This table of edits applies to **ALL** casual user packs.

Error Code	Error Description	Error Action
2221	The pack trailer must be the last record in a pack. Record Identification (positions 1 - 6) must be equal to 202204 for 202203 headers and equal to 202206 for 202205 headers.	Reject Pack
2222	<ul style="list-style-type: none"> • Positions 7 - 27 of the pack trailer must be equal to positions 7 - 27 of the pack header (date, invoice number, Company ID number, CIC, RAOs, IC Data Center). • Position 35 of the pack trailer must be equal to Position 35 of pack header (Indicator 14). • Positions 36 - 39 of the pack trailer must be equal to positions 36 - 39 of the pack header (expanded CIC). 	Reject Pack
2223	The obligation number (positions 186 - 193 of the 202206) must be equal to the header (202205) obligation number (invoice billing only).	Reject Pack
2225	The Grand Total Revenue amount (positions 101 - 110) must be equal to the sum of the "Charge" amounts in the detail records within the pack.	Reject Pack
2226	For adjustment packs, the Grand Total Revenue amount must equal the accumulated "Charge" amounts from the 41xxxx records. Include the Total Module Tax and Surcharge (pos. 48-53) on records with Indicator 13 = 8.	Reject Pack
2227	Total Records (positions 111 - 117) must equal the accumulated pack record count. The pack header and trailer records are excluded from the count.	Reject Pack
2211	Positions 1 –19 and 26 to "end of record" must be numeric.	Reject Pack
2212	No trailer present on pack.	Reject Pack
2228	The Pack Type Indicator (position 100) on the Trailer Record must match the Pack Type Indicator on the Header Record.	Reject Pack
2229	The number of detail records on a 2022xx pack cannot exceed 99,999 (count excludes header and trailer records).	Reject Pack

1. If headers are missing, then a record count only will be made and reported based upon trailer found.
2. If trailer not found, then revenue and record count will be accumulated and reported based upon the last header processed.

EMI Detail Record Edits - AT&T Telco Packs

Note: The following edits do not apply to any AT&T Telco developed records (EMI category 9X). If the EMI record format for the specific record shows a field as "shaded", the edit does not apply to that field for that record type. For example, the Edit 0159, Message Type, does not apply to the 425001 EMI record.

Note: These edits apply to IC casual user packs billing to AT&T Telco RAOs only.

Error Code	Error Description	Error Action
0102	Positions 1 – 69, 75 – 109 and positions 150 - 175 of the EMI detail message must be numeric.	Reject Pack
0103	No detail records found within pack.	Reject Pack
0111	Return code (positions 70 - 71) must be equal to zeroes.	Reject Pack
0116	EMI Indicator 6 must be equal to 0, 1, 2 or 3. If EMI Indicator 6 = 1, then ONLY billable minutes have been rounded (not seconds).	Reject Pack
0117	EMI Indicator 8 must be equal to 7.	Reject Pack
0118	<ul style="list-style-type: none"> • If the pack header contains a value of 0, 4 or 5 in Indicator 14, then the detail record must contain a value of 4 or 5 in Indicator 14. • If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack
0119	EMI Indicator 15 must be equal to a value of 5.	Warning
0120	EMI Indicator 18 must be equal to a value of 0 or 1.	Warning
0121	EMI Indicator 19 must be equal to a value of 2 or 5.	Reject Pack
0124	Indicator 29 not populated properly	Reject Pack

Exhibit III-cont.

Error Code	Error Description	Error Action
0140	The EMI record identification (positions 1 - 6) must be as follows: 010101 010116 010117 010118 010132 010135 010137 010180 010201 010217 010218 010232 010401 010501 010532 010535 010537 010701 010718 010732 425001 425002 425016	Reject Pack
0141	Message Date (positions 7 - 12). 1. Month must be a value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Message date cannot be greater than current date.	Reject Pack
0102	Positions 1 – 69, 75 – 109 and positions 150 - 175 of the EMI detail message must be numeric.	Reject Pack
0103	No detail records found within pack.	Reject Pack
0111	Return code (positions 70 - 71) must be equal to zeroes.	Reject Pack
0116	EMI Indicator 6 must be equal to 0, 1, 2 or 3. If EMI Indicator 6 = 1, then ONLY billable minutes have been rounded (not seconds).	Reject Pack
0117	EMI Indicator 8 must be equal to 7.	Reject Pack
0118	<ul style="list-style-type: none"> • If the pack header contains a value of 0, 4 or 5 in Indicator 14, then the detail record must contain a value of 4 or 5 in Indicator 14. • If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack
0119	EMI Indicator 15 must be equal to a value of 5.	Warning

Error Code	Error Description	Error Action
0142	<p>The From Number (positions 15 - 24) cannot contain zeroes in the From NPA/NXX fields except as follows:</p> <ol style="list-style-type: none"> 1. EMI-IND-4 = 9 or 2. EMI-REC-TYPE = 425001 or 3. EMI-REC-TYPE = 010501 or 4. EMI-REC-TYPE = 010532 or 5. EMI-REC-TYPE = 010535 or 6. EMI-REC-TYPE = 010537 or 7. EMI-REC-TYPE = 010732 or 8. EMI-REC-TYPE = 410501 or 9. EMI-REC-TYPE = 410532 or 10. EMI-REC-TYPE = 410535 or 11. EMI-REC-TYPE = 410537 or 12. EMI-REC-TYPE = 010701 or 13. EMI-REC-TYPE = 410732 or 14. EMI-REC-TYPE = 010732 	Reject Pack
0143 *	<p>The From Number field is edited as follows:</p> <ol style="list-style-type: none"> 1. Valid values for From Number Length are '00' through '16'. 2. If Module 015A with To/From Number Indicator = '2' (i.e., an 015A for From Number is NOT appended: <ul style="list-style-type: none"> • Must be in range of 00 - 14. • Must be less than or equal to 10 if the To Number is greater than 10. • Must match the number of significant digits in the From Number (Pos. 15-24) plus the Overflow Digits (Pos. 25-27). 3. If a Module 015A with To/From Number Indicator = 2 (i.e., an 015A for From Number) is appended: <ul style="list-style-type: none"> • Must be in the range of 11-16. • Must match the number of significant digits in the Overseas Number within that 015A module. 4. If From Number Length is greater than 14, record must have appended to it a Module 015A with To/From Number Indicator equal to '2'. 	Reject Pack

Error Code	Error Description	Error Action
0144	<ol style="list-style-type: none"> 1. The To NPA and/or To NXX cannot equal zero. 2. The To Number Length must be a valid EMI value (03 - 14) and match the number of significant digits in the To Number (positions 30 - 39). 3. The To Number Length must be less than or equal to 10, if the From Number Length is greater than 10. 4. On casual user, the To Number cannot be 800 unless it's an EMI Record with the following exceptions: <ul style="list-style-type: none"> • Record type = 010101 with Ind. 4 = 9 and Message Type = 4 and the From Number cannot equal the Billing Number (Personal 800) • Record type = 41xxxx • Record type = 34xxxx • Record type = 010180 • Record type = 010116 • Record type = 010501 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) • Record type = 010701 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) • Record type = 010732 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) • Record type = 010532 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) • Record type = 010535 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) • Record type = 010537 with a Message Type = 2 or 3 and Settlement Code = K, N, P, L, R or M. (Access to 800) 	Reject Pack

Error Code	Error Description	Error Action
0187	<p>The To Number is ALSO edited as follows (<i>in addition to those edits above for error code 0144</i>) :</p> <ol style="list-style-type: none"> 1. Valid values for To Number Length are '03' through '16'. 2. If Module 015A with To/From Number Indicator = '1' (i.e., an 015A for To Number is NOT appended: <i>(these are the current edits for To Number length)</i>) <ul style="list-style-type: none"> • Must be in range of 03 - 14. • Must be less than or equal to 10 if the From Number Length is greater than 10 AND a module 015A with To/From Number Indicator = '2' (i.e., and 015A for From Number) IS appended. • Must match the number of significant digits in the To Number (pos. 15-24) plus the Overflow Digits (pos. 25-27). 3. If a module 015A with To/From Number Indicator = '1' (i.e., an 015A For To Number) IS appended: <ul style="list-style-type: none"> • Must be in the range of 14 - 16. • Must match the number of significant digits in the Overseas Number within that 015A module. 4. If To Number length is greater than 14, record MUST have appended to it a Module 015A with To/From Number Indicator equal to '1'. 	Reject Pack
0145	The Charge field (positions 40 - 46) must be greater than or equal to zero.	Reject Pack

Error Code	Error Description	Error Action
0151	<p>Connect Time Edits</p> <ol style="list-style-type: none"> 1. Connect hour must be equal 00 - 23 and connect minutes must be equal 00 - 59 and connect seconds must equal 00 - 59. 2. If the hour is not available, the hour field will contain 25. 3. If the minutes are not available, then the minutes field will contain 99. 4. If the seconds are not available, then the seconds field will contain 99. 	Reject Pack
0152	<p>Billable Time Edits</p> <ol style="list-style-type: none"> 1. Billable time cannot equal zeroes with the following exceptions: <ul style="list-style-type: none"> • Record Id = 010135 • Record Id = 010137 • Record Id = 010535 • Record Id = 010537 2. Billable seconds must be less than 60. 	Reject Pack
0153	<p>Billable Seconds must be 00 through 59 (cannot equal 99) if Indicator 6 (rounding) = 2 or 3.</p>	Reject Pack
0157	<p>Rate Period must be greater than zero and less than 10. Zeros allowable under the following conditions:</p> <ul style="list-style-type: none"> • Record Id = 010135 • Record Id = 010137 • Record Id = 010535 • Record Id = 010537 	Reject Pack
0158	<p>Rate class (position 79) must be between one and six or nine.</p> <p>Rate class must be greater than zero and less than seven. Zeros allowable under the following conditions:</p> <ul style="list-style-type: none"> • Record Id = 010135 • Record Id = 010137 • Record Id = 010535 • Record Id = 010537 	Reject Pack
0159	<p>Message type must be greater than zero and less than seven.</p>	Reject Pack

Exhibit III-cont.

Error Code	Error Description	Error Action
0162	Indicator 27 = 6, 7, or 9, then Indicator 13 cannot = 1, 2 or 3. Indicator 27 = 5, then Indicator 13 cannot = 2 or 3.	Reject Pack
0163	For invoice billing, the obligation number in the detail message must equal the obligation number in the EMI pack header (202205). For casual user billing, all detail messages within the pack must contain the same obligation number. Obligation ID cannot equal all zeros.	Reject Pack
0164	The billing RAO in the detail message must be equal to the billing RAO contained in the EMI pack header (202203/202205).	Reject Pack
0165	The Billing NPA/NXX fields cannot equal zeroes unless EMI indicator 11 = 4 (Special Calling Card).	Reject Pack
0165	The Billing NPA/NXX fields must be numeric.	Reject Pack
0167	The From City/Text Code field cannot equal blanks or zeroes. This applies only to 010117 and 010217 records.	Reject Pack
0169	The To City/Text Code field cannot equal blanks or zeroes.	Reject Pack
0171	The settlement code must equal 3, 5, 8, 9, G, J, K, L, M, N, P, Q or R.	Reject Pack
0172	The CIC contained in the detail message must be equal to the CIC contained in the EMI pack header (202203/202205). Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14.	Reject Pack
0174	Indicator 27 must equal 0, 1, 5, 6, 7 or 9.	Reject Pack
0175	<ul style="list-style-type: none"> • The IC Data Center number in the pack header equals 90 and EMI indicator 29 does not equal 1 (ABEC). • The IC Data Center number in the pack header does not equal 90 (Data Center = 00, 01, 32) and EMI indicator 29 does not equal 0 (ABEC). 	Reject Pack
0183	The Service Text Code on the 01XX17 or 01XX18 cannot equal blanks or zeros, and must reside on the AT&T Telco text code table.	Reject Pack

EMI Summary Charge Edits - AT&T Telco Packs

Category 42 records are used for miscellaneous summary charges.

Note: These edits apply to IC casual user packs billing to AT&T Telco RAOs only.

Error Code	Error Description	Error Action
0102	Positions 1 – 69, 75 - 109 and positions 150 - 175 of the EMI detail message must be numeric.	Reject Pack
0140	The EMI record identification (positions 1 - 6) must = 425001 or 425002.	Reject Pack
0141	Message Date (positions 7 - 12). 1. Month must be a value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Message date cannot be greater than current date. 4. Message cannot be greater than 90 days old if domestic or 120 days old if international.	Reject Pack
0145	The Charge field (positions 40 - 46) must be greater than or equal to zero.	Reject Pack
0146	The state and local tax credit fields are edited as follows: 1. If EMI indicator 13 = 0, then state and local tax fields must be equal to zeroes. 2. If EMI indicator 13 = 1, then state tax must be greater than zero and local tax must be equal to zero. 3. If EMI indicator 13 = 2, then both the state and local tax fields must be greater than zero. 4. If EMI indicator 13 = 3, then state tax must equal zero and local tax must be greater than zero. 5. If EMI indicator 13 = 1, 2 or 3 on a 41-50-xx or 42-50-xx, reject. 6. If EMI indicator 13 = 8, then Total Module Tax and Surcharge must be greater than zero and must be equal to the sum of the Amount of Charge from all appended 010A modules. (This error will be triggered if the accumulated amount from the 010A module(s) does not match the amount in the base record <u>or</u> if Indicator 13 = 8 and there are no 010A modules appended.	Reject Pack
0111	Return code (positions 70 - 71) must be equal to zeroes.	Reject Pack
0118	<ul style="list-style-type: none"> • If the pack header contains a value of 0, 4 or 5 in Indicator 14, then the detail record must contain a value of 4 or 5 in Indicator 14. • If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack

Error Code	Error Description	Error Action
0163	For invoice billing, the obligation number in the detail message must equal the obligation number in the EMI pack header (202205). For casual user billing, all detail messages within the pack must contain the same obligation number. Obligation ID cannot equal all zeros	Reject Pack
0164	The billing RAO in the detail message must be equal to the billing RAO contained in the EMI pack header (202203).	Reject Pack
0165	<ul style="list-style-type: none"> • The Billing NPA/NXX fields cannot equal zeroes. • The Billing NPA/NXX fields must be numeric. 	Reject Pack
0171	The settlement code must equal 3, 5, 6, 8, 9, G, J, K, L, M, N, P, Q or R.	Reject Pack
0172	The CIC contained in the detail message must be equal to the CIC contained in the EMI pack header (202203). Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14	Reject Pack
0174	The IC Data Center number in the pack header equals 90 and EMI indicator 29 does not equal 1 (ABEC).	Reject Pack
0183	The Text Code in the 425001 or 425002 record is invalid or the text code does not reside on AT&T Telco text code table.	Reject Pack
0184	The Number of Occurrences field on the 425002 must be greater than zeros. (Otherwise a 425001 record should have been used.)	Reject Pack
0962	EMI Indicator 25 = a valid value, as follows: 0 = record is charge or credit for a product or service to be billed separately. 1 = record contains Federal Tax to be summarized and billed by BTN. 2 = record contains State and/or Local taxes to be summarized and billed by BTN. 3 = record contains a State or Local surcharge to be summarized by surcharge type and billed by BTN.	Reject Pack

EMI Detail Credit Record Edits - AT&T Telco Packs

Note: Category 41 credit/adjustment records are packed separately from category 01 toll records. For the adjustment packs, position 100 of both the 202203 header and the 202204 trailer must be equal to "1". This indicator denotes that this is a pack of credit records. Pack sequencing is not affected by the "Credit Indicator" (position 100 = 1).

Note: These edits apply to IC casual user packs billing to AT&T Telco RAOs only.

Error Code	Error Description	Error Action
0102	Positions 1 – 69, 75 – 109, and positions 150 - 175 of the EMI detail message must be numeric.	Reject Pack
0140	The EMI record identification (positions 1 - 6) must be as follows: 410101 410116 410117 410118 410132 410135 410137 410180 410201 410217 410218 410232 410501 410532 410535 410537 410701 410732	Reject Pack
0141	Message Date (positions 7 - 12). 1. Month must be a value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Message date cannot be greater than current date. 4. Message cannot be greater than one year old.	Reject Pack

Exhibit V-cont.

Error Code	Error Description	Error Action
0142	<p>The From Number (positions 15 - 24) cannot contain zeroes in the From NPA/NXX fields except for the following record types:</p> <ul style="list-style-type: none"> • Record Id = 410501 • Record Id = 410701 • Record Id = 410532 • Record Id = 410732 • Record Id = 410535 • Record Id = 410537 	Reject Pack
0144	The To NPA and the To NXX cannot both equal zeroes.	Reject Pack
0145	The Credit field (positions 40 - 46) must be greater than or equal to zero.	Reject Pack
0146	<p>The state and local tax credit fields are edited as follows:</p> <ol style="list-style-type: none"> 1. If EMI indicator 13 = 0, then state and local tax fields must be equal to zeroes. 2. If EMI indicator 13 = 1, then state tax must be greater than zero and local tax must be equal to zero. 3. If EMI indicator 13 = 2, then both the state and local tax fields must be greater than zero. 4. If EMI indicator 13 = 3, then state tax must equal zero and local tax must be greater than zero. 5. If EMI indicator 13 = 1, 2 or 3 on a 41-50-xx or 42-50-xx, reject. 6. If EMI indicator 13 = 8, then Total Module Tax and Surcharge must be greater than zero and must be equal to the sum of the Amount of Charge from all appended 010A modules. (This error will be triggered if the accumulated amount from the 010A module(s) does not match the amount in the base record <u>or</u> if Indicator 13 = 8 and there are no 010A modules appended. 	Reject Pack
0151	<p>Connect Time Edits</p> <ol style="list-style-type: none"> 1. Connect hour must be less than 24 or equal to 25. 2. Connect minutes and seconds must be less than 60 or equal to 99. 	Warning
0152	<p>Credit Time</p> <ol style="list-style-type: none"> 1. Credit time cannot equal zeroes with the following exceptions: <ul style="list-style-type: none"> • Record Id = 410135 • Record Id = 410137 • Record Id = 410535 • Record Id = 410537 2. Credit seconds must be less than 60. 	Warning
0111	Return code (positions 70-71) must = zeroes.	Reject Pack

Error Code	Error Description	Error Action
0157	Rate Period must be greater than zero and less than 10. Zeros allowable under the following conditions: <ul style="list-style-type: none"> Record Id = 410135 Record Id = 410137 Record Id = 410535 Record Id = 410537 	Warning
0117	EMI Indicator 8 must be equal to 7.	Warning
0118	<ul style="list-style-type: none"> If the pack header contains a value of 0, 4 or 5 in Ind. 14, then the detail record must contain a value of 4 or 5 in Ind. 14. If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack
0120	EMI Ind. 18 must be equal to a value of 0 or 1.	Warning
0121	EMI Ind. 19 must be equal to a value of 2 or 5.	Reject Pack
0122	EMI Ind. 21 must be equal to a value of 0, 1, or 2.	Warning
0163	For casual user billing, all detail messages within the pack must contain the same obligation number. Obligation ID cannot equal all zeros.	Reject Pack
0164	The billing RAO in the detail message must be equal to the billing RAO contained in the EMI pack header (202203/202205).	Reject Pack
0165	The Billing NPA/NXX fields cannot equal zeroes.	Reject Pack
0165	The Billing NPA/NXX fields must be numeric.	Reject Pack
0169	The To City field cannot equal blanks or zeroes.	Warning
0171	The settlement code must equal 3, 5, 8, 9, G, J, K, L, M, N, P, Q or R.	Reject Pack
0172	The CIC contained in the detail message must = CIC contained in the EMI pack header (202203). Note: The location and format of the CIC within the record is dependent upon the value of Ind. 14.	Reject Pack
0174	The IC Data Center number in the pack header equals 90 and EMI indicator 29 does not equal 1.	Reject Packs
0962	EMI Indicator 25 = a valid value, as follows: 0 = record is charge or credit for a product or service to be billed separately. 1 = record contains Federal Tax to be summarized and billed by BTN. 2 = record contains State and/or Local taxes to be summarized and billed by BTN. 3 = record contains a State or Local surcharge to be summarized by surcharge type and billed by BTN.	Reject Pack

EMI Summary Credit Record Edits - AT&T Telco Packs

Category 41 credit/adjustment records are packed separately from category 01 toll records. For the adjustment packs, position 100 of both the 202203 header and the 202204 trailer must be equal to "1". This indicator denotes that this is a pack of credit records. Pack sequencing is not affected by the "Credit Indicator" (position 100 = 1).

Note: Type of Credit = 3, triggers the Promotional/Discount credit record. This record is NOT treated as an adjustment against charges due, but rather is held until the end-users bill cycle and then detailed on the usage portion of the customers bill. This record requires Type of Credit = 3, and requires the use of the Text Code field to drive the verbiage to be detailed on the bill. Please contact your Account Manager for more details regarding this service.

Note: These edits apply to IC casual user packs billing to AT&T Telco RAOs only.

Error Code	Error Description	Error Action
0102	Positions 1 – 69, 75 - 109 and positions 150 - 175 of the EMI detail message must be numeric.	Reject Pack
0140	The EMI record identification (positions 1 - 6) must = 415001 or 415016.	Reject Pack
0141	Message Date (positions 7 - 12). 1. Month must be a value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Message date cannot be greater than current date. 4. Message cannot be greater than one year old	Reject Pack
0145	The Credit field (positions 40 - 46) must be greater than or equal to zero.	Reject Pack
0111	Return code (positions 70-71) must be equal to 0.	Reject Pack
0118	<ul style="list-style-type: none"> • If the pack header contains a value of 0, 4 or 5 in Indicator 14, then the detail record must contain a value of 4 or 5 in Indicator 14. • If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack

Exhibit VI-cont.

Error Code	Error Description	Error Action
0146	The state and local tax credit fields are edited as follows: 1. If EMI indicator 13 = 0, then state and local tax fields must be equal to zeroes. 2. If EMI indicator 13 = 1, then state tax must be greater than zero and local tax must be equal to zero. 3. If EMI indicator 13 = 2, then both the state and local tax fields must be greater than zero. 4. If EMI indicator 13 = 3, then state tax must equal zero and local tax must be greater than zero. 5. If EMI indicator 13 = 1, 2 or 3 on a 41-50-xx or 42-50-xx, reject. 6. If EMI indicator 13 = 8, then Total Module Tax and Surcharge must be greater than zero and must be equal to the sum of the Amount of Charge from all appended 010A modules. (This error will be triggered if the accumulated amount from the 010A module(s) does not match the amount in the base record or if Indicator 13 = 8 and there are no 010A modules appended.	Reject Pack
0121	EMI Indicator 19 (LATA code) must be equal to a value of 0, 2 or 5.	Reject Pack
0164	The billing RAO in the detail message must be equal to the billing RAO contained in the EMI pack header (202203).	Reject Pack
0165	The Billing NPA/NXX fields cannot equal zeroes.	Reject Pack
0165	The Billing NPA/NXX fields must be numeric.	Reject Pack
0163	For invoice billing, the obligation number in the detail message must equal the obligation number in the EMI pack header (202205). For casual user billing, all detail messages within the pack must contain the same obligation number. Obligation ID cannot equal all zeros.	Reject Pack
0169	The Credit Phrase cannot equal blanks or zeroes.	Warning
0171	The settlement code must equal 3, 5, 6, 8, 9, G, J, K, L, M, N, P, Q or R.	Reject Pack
0172	The CIC contained in the detail message must be equal to the CIC contained in the EMI pack header (202203). Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14.	Reject Pack
0174	The IC Data Center number in the pack header equals 90 and EMI Indicator 29 does not equal 1 (ABEC).	Reject Pack

Exhibit VI-cont.

Error Code	Error Description	Error Action
0183	The Text Code in the 415001 promotional credit record is invalid or the text code does not reside on the AT&T Telco table. (415001 record with Type of Credit = 3 or 4 or a 415001/415016 record with any valid value in Type of Credit and (DN851) EMI Print Adjustment Detail Indicator is set to "Y").	Reject Pack
0186	<ul style="list-style-type: none"> • If Type of Credit = 3 =or 4 (pre-billing credit or promotional discount), then all the records in that pack must have Type of Credit = 3 or 4 (Values 3 and 4 may be mixed within the pack.) • If Type of Credit NOT = 3 and not = 4, then all the records in the pack must NOT have Type of Credit = 3 and must not have Type of Credit = 4. • If (DN851) EMI Print Adjustment Detail Indicator is set to "Y", only 415001/415016 records will be accepted on packs with pack type indicator "1"; all other Detail Credit records will be rejected. 	Reject Pack
0121	EMI Indicator 19 (LATA code) must be equal to a value of 0, 2 or 5.	Reject Pack
0962	EMI Indicator 25 = a valid value, as follows: 0 = record is charge or credit for a product or service to be billed separately. 1 = record contains Federal Tax to be summarized and billed by BTN. 2 = record contains State and/or Local taxes to be summarized and billed by BTN. 3 = record contains a State or Local surcharge to be summarized by surcharge type and billed by BTN.	Reject Pack

EMI End User Marketing Message - 435002

This record type identifies which customer is to receive a particular marketing message.

Error Code	Error Description	Error Action
0102	Positions 1 – 69, 75 - 109 and positions 123 - 175 of the EMI detail message must be numeric.	Reject Pack
0140	Must be valid record type (435002).	Reject Pack
0141	Message Date 1. Month must be value between 01 and 12. 2. Day must be a value between 01 and 31 and maximum for that month. 3. Message date cannot be greater than the current date.	Reject Pack
0149	Action Indicator (position 30) valid values: 0 and 1. If the value is "1" and the customer is PIC'd to the carrier sending the Marketing Message, then AT&T Telco will return the Marketing Message as unbillable.	Reject Pack
0169	The Marketing Message Code field cannot have any blank positions. The first two digits of the Marketing Message Code field must be numeric and within the range of 01 - 12, inclusive.	Reject Pack
0111	Return Code (positions 70 - 71) must be equal to zeroes.	Reject Pack
0118	<ul style="list-style-type: none"> • If the pack header contains a value of 0, 4 or 5 in Indicator 14, then the detail record must contain a value of 4 or 5 in Indicator 14. • If the pack header contains a value of 7 or 8 in Indicator 14, then the detail record must contain a value of 7 or 8 in Indicator 14. 	Reject Pack
0163	For casual user billing, all detail messages within the pack must contain the same obligation number. Obligation ID (Positions 102 – 109) cannot equal all zeros.	Reject Pack
0164	The billing RAO in the detail message must be equal to the billing RAO contained in the EMI pack header (202203/202205).	Reject Pack
0172	The CIC contained in the detail message must be equal to the CIC contained in the EMI pack header (202203/ 202205). Note: The location and format of the CIC within the record is dependent upon the value of Indicator 14.	Reject Pack

Casual User Marketing Message Text - 435003

Note: These edits apply to IC casual user packs billing to AT&T Telco RAOs only.

Error Code	Error Description	Error Action
4301	The Record ID (positions 1 - 6) must be equal to 435003 for records in the pack.	Reject Pack
4308	Date Created (positions 7 - 12) must meet the following edits: 1. Year must be current year plus or minus one (+/-1). 2. Month must be in range of 01 - 12. 3. Day must be in range of 01 - 31 and valid maximum for month.	Reject Pack
4302	The month applies and year applies fields must be greater than or equal to the current month and year if Date Version Indicator = 0 on AT&T Telco's IC table, DN851 (this indicates that the Date Applicable on the text record will be used for the Date Version on AT&T Telco's text tables)	Reject Pack
4303	Date Applicable must meet the following edits: 1. Year must be current year or next year. 2. Month must be in range of 01 - 12. 3. Be the same for every record within the pack if Date Version Indicator = 0 on AT&T Telco's IC Table, DN851 (this indicates that the Date Applicable on the text record will be used for the Date Version on AT&T Telco's text tables).	Reject Pack
4309	Time Created (Positions 17 - 20) must meet the following edits: 1. Hour must be in the range of 00 - 23. 2. Minutes must be in the range of 00 - 59.	Warning
4304	The month contained in the Message Code (positions 35 - 39) must equal the month value contained in the Date Data Applies field.	Reject Pack
4307	Verify that all lines of Marketing Messages are present and in the correct sequence. Check the "Sequence Number" and "Count of Message Lines" fields (i.e., 1 of 6, 2 of 6, 3 of 6, etc.)	Reject Pack
4325	The Sequence Number (positions 40 - 41) must be greater than 0 and less than 16.	Reject Pack
4326	The Count of Message Lines (position 42 - 43) must be greater than 0 and less than 16.	Reject Pack
4305	The Carrier ID (positions 150 - 153) must equal the CIC on the EMI pack header.	Reject Pack

Exhibit VIII-cont.

Error Code	Error Description	Error Action
4327	The "Count of Message Lines" field on the 435003 record is verified. For example, if "Count of Message Lines" = 6, then the "Sequence Number" field should be verified to insure that 1 of 6, 2 of 6, ..., 6 of 6, are all present.	Reject Pack
4328	The "Sequence Number" field on the 435003 record is verified. For example, if "Count of Message Lines" = 6, then the "Sequence Number" field should be verified to insure that 1 of 6, 2 of 6, ..., 6 of 6, are in sequence.	Reject Pack
4350 *	The Marketing Message Text cannot exceed 65 characters. The last 10 characters of this field (pos. 109-118 of the record) must contain spaces.	Reject Pack
4351 *	The first 65 characters of the Marketing Message Text cannot exceed 4.3750 inches in the normal proportionally spaced font.	Reject Pack

EMI Module Edits - AT&T Telco Packs

Note: This table of edits applies to AT&T Telco casual user packs of EMI records containing module information.

Error Code	Error Description	Error Action
0514	Indicator 14 = 5 or 8 and no modules contained within record	Reject Pack
0901	Invalid Module Id (Valid module IDs are 002B, 004A, 010A, 011A, 015A, 020A, 017B, 018A, 999A)	Reject Pack
0902	Ind. 14/Appendage do not match. EMI Indicator 14 not equal to 5 or 8	Reject Pack
0903	Invalid Module Length/length is non-numeric	Reject Pack
0904	999A Module Found First	Reject Pack
0905	999A module not last module	Reject Pack
0906	999A module not found	Reject Pack
0909	002B Invalid Entity Indicator	Reject Pack
0910	002 Entity number invalid, must be numeric	Reject Pack
0911	002B greater than 2 modules	Reject Pack
0912	002B Invalid Entity Id	Reject Pack
0913	002B Duplicate Entity Id	Reject Pack
0915	011A Customer Association Indicator Module Length must be 024 Indicator must be A, B, C, Y or Z If Indicator is "A", customer association code cannot be blank and customer association name should always be spaces. If indicator is "B", customer association name cannot be blank and customer association code should always be spaces. If indicator is "C", customer association code and customer association name cannot be blank. If indicator is "Y", customer association code and customer association name cannot be blank and customer association code should be = '1SWH'. If indicator is "Z", customer association code cannot be blank and customer association name should always be spaces and customer association code should be = '2T36'.	Reject Pack
0917	015A More than 2 modules with Module ID 015A are attached to the record	Reject Pack

Exhibit IX-cont

Error Code	Error Description	Error Action
0918	<p>015A – To / From Number Indicator (Pos. 8):</p> <ul style="list-style-type: none"> • Must be a valid value: <ul style="list-style-type: none"> • '1' = Overseas Number is a 'To' Number • '2' = Overseas Number is a 'From' Number • If set to '1', the To Number Length in the base EMR/EMI record must be in the range of 11-16. • If set to '2', the From Number Length in the base EMR/EMI record must be in the range of 11-16. • Multiple 015A modules are attached with the same value in this indicator (i.e., multiple 015A modules for To Number overflow or multiple 015A modules for From Number overflow). 	Reject Pack
0919	<p>015A – Overseas Number (pos. 9-24)</p> <ul style="list-style-type: none"> • Must be numeric • The number of significant digits must match the To Number Length (if To/From Number Indicator = '1') or the From Number Length (if To/From Number Indicator = '2'): <ul style="list-style-type: none"> • IF the specified length is '11', then the last five digits must be zero. • IF the specified length is '12', then the last four digits must be zeros. • IF the specified length is '13' then the last three digits must be zeros. • IF the specified length is '14' then the last two digits must be zeros. • IF the specified length is '15' then the last digit must be zero. 	Reject Pack
0920	<p>017B – Type of LRN (position 8) must be a valid value:</p> <p>1 – Originating LRN 2 – Terminating LRN 3 – Billing LRN</p>	Reject Pack
0921	017B – LRN (positions 9-18) must be numeric	Reject Pack
0922	017B – LRN NPANXX (positions 9-1) cannot equal all zeros.	Reject Pack
0930	<p>020A – Service Provider Notification (pos. 8) must be a valid value</p> <p>1 – New Pre-Subscribed Provider 2 – New Non-Pre-Subscribed Provider 3 – New Unspecified Provider</p>	Reject Pack
0960	No 024A Module present when Indicator 22 = '6'	Reject Pack
3011	004A Invalid Credit Card Number	Reject Pack

Exhibit IX-cont

Error Code	Error Description	Error Action
0956	011A cannot be on a record with modules 947A, 947B, 947C, 947E, 947F, 947G or 947H. When the 011A customer association indicator is "Y" or "Z", there must be a 949A and 999A module present. The only other module that may be present is a 020A.	Reject Pack
0957	024A/025A/026A – Valid only with 415001/425001	Reject Pack
0958	Duplicate occurrence of 024A/025A/026A	Reject Pack
0959	Indicator 22 not = '6' when 024A/025A/026A present	Reject Pack
0960	No 024A Module present when Indicator 22 = '6'	Reject Pack
0961	Edits to validate the use of the 010A module: <ul style="list-style-type: none"> • Indicator 13 must be set to '8' when a 010A module is appended. • 010A modules may only be appended to miscellaneous/summary charge (42-50-01 and 42-50-02) and credit (41-50-01) records. (Note that existing edits require all 41-50-01 records to have Type of Credit set to '3' so that the credit is always printed in the B&C Client's section of the bill). • Up to 10 occurrences of the 010A module may be appended. • Each appended 010A module must contain a valid combination of the following fields: Level of Tax/Surcharge Type of Tax/Surcharge State Abbreviation Text Code Print Control • If multiple 010A modules are appended to a record, then each occurrence must contain a unique combination of the following fields: Level of Tax/Surcharge Type of Tax/Surcharge State Abbreviation Text Code • The Amount of Charge must be numeric and greater than zero. The mils position must be zero (i.e. the charge may not contain fractions of a cent). 	Reject Pack