

**Interim Updates, Version 1.19 June 24, 2011**

**Tab 48 - Generic Invoice Billing Edits & Error Codes**

**Table of Contents**

<b>DOCUMENT DESCRIPTION .....</b>	<b>2</b>
<b>INVOICE BILLING FILES.....</b>	<b>2</b>
<b>CIC EXPANSION.....</b>	<b>2</b>
<b>ATTACHMENT I – EDITS AND ERROR CODES.....</b>	<b>3</b>
<b>EDIT CRITERIA .....</b>	<b>3</b>
<b>EXPLANATION OF SELECTED FIELDS.....</b>	<b>3</b>
<b>ATTACHMENT II - EMI PACK HEADER EDITS – 202205 .....</b>	<b>4</b>
<b>ATTACHMENT III - EMI PACK TRAILER EDITS – 202206.....</b>	<b>9</b>
<b>ATTACHMENT IV - EMI INVOICE SUMMARY EDITS.....</b>	<b>13</b>
<b>COMMON EDITS – 015121, 015127 – POSITIONS 8 – 68 .....</b>	<b>13</b>
<b>MARKETING SUMMARY RECORD EDITS – 015121.....</b>	<b>16</b>
<b>INVOICE COMPOSITION EDITS – 015121 .....</b>	<b>22</b>
<b>PHRASE SUMMARY RECORD EDITS – 015127 .....</b>	<b>23</b>
<b>ATTACHMENT V - EMI DETAIL RECORD EDITS – 81XXXX .....</b>	<b>33</b>
<b>ATTACHMENT VI - EMI CUSTOMER CREDIT EDITS – 82XXXX .....</b>	<b>44</b>
<b>ATTACHMENT VII - EMI INVOICE ADJUSTMENT EDITS – 015124 ...</b>	<b>54</b>
<b>ATTACHMENT VIII - EMI INVOICE TEXT EDITS.....</b>	<b>59</b>
<b>MARKETING MESSAGE TEXT – 435102 .....</b>	<b>59</b>
<b>PHRASE TEXT – 435104 .....</b>	<b>62</b>
<b>ATTACHMENT IX - RETURN CODE ASSIGNMENT.....</b>	<b>66</b>
<b>015121 RETURN CODE POPULATION – RELEVANT FIELDS.....</b>	<b>66</b>
<b>015127 RETURN CODE POPULATION – RELEVANT FIELDS.....</b>	<b>66</b>
<b>81XXXX AND 82XXXX RETURN CODE POPULATION – RELEVANT FIELDS .....</b>	<b>66</b>
<b>015124 RETURN CODE POPULATION – RELEVANT FIELDS.....</b>	<b>66</b>
<b>ATTACHMENT X - DATA ENTRY RETURN CODE ASSIGNMENTS .....</b>	<b>67</b>
<b>INVOICE RECORDS.....</b>	<b>67</b>
<b>INVOICE ADJUSTMENT RECORDS .....</b>	<b>67</b>
<b>WARNING ERRORS.....</b>	<b>67</b>
<b>ATTACHMENT XI - UNBILLABLE/UNGUIDABLE EDITS &amp; ERROR CODES</b>	
<b>.....</b>	<b>68</b>
<b>ICBS REJECTS.....</b>	<b>70</b>
<b>015121 Return Codes Related to 015127 Text Edits .....</b>	<b>70</b>
<b>015121 Return Codes Related to Duplicate Invoices – Return Code 2680.....</b>	<b>71</b>
<b>UNGUIDABLE RETURN CODES .....</b>	<b>72</b>

## Document Description

This document provides detailed edits for all data entry, guiding and bill day editing performed by AT&T Telco for invoice, invoice adjustment and invoice text records for the AT&T Telco Invoice Billing product.

### Invoice Billing Files

All invoice billing files are in fixed block record format with an LRECL of 220 bytes.

Each of the three file types listed below have specific data set names. Each file may contain multiple packs. Separate packs must be provided for each Send To/Billing RAO combination.

Text files are sent to a single Send To/Billing RAO combination. Separate packs are required for each record type (i.e., 435102s must be packed separately from 435104s).

All invoice billing files are forwarded electronically to the appropriate AT&T Telco data centers for data entry processing (Dallas for the AT&T SW and AT&T LD<sup>1</sup> regions, Fairfield for California and Nevada, and New Haven for Connecticut). Edits are included in this document for the following:

1. Invoice Files (015121, 015127, 81xxxx and 82xxxx) - sent approximately fifteen times a month.
2. Adjustment Files (015124) - sent daily, as needed.
3. Text Files (435102 and 435104) – sent monthly.

Invoice data determined to be lost, damaged or destroyed by AT&T Telco's processing will be recovered, if possible, by AT&T Telco. In the event the data cannot be recovered, notification will be made to the B&C customer within 60 days of the original receipt of the data by AT&T Telco.

### CIC Expansion

AT&T Telco requires all new B&C clients to forward invoice billing data to AT&T Telco using the four- digit (expanded) CIC. AT&T Telco also requires the format of the expanded CIC to be consistent throughout the pack (i.e., if Indicator 14 is set to "7" on the pack header, then Indicator 14 must be set to "7" on all records within the pack).

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<sup>1</sup> AT&T Long Distance, LLC – Formerly SBC Telecom (SBCT)

## **Attachment I – Edits and Error Codes**

### **Edit Criteria**

For each edit, an error code and error action have been defined.

If the error action reads “Reject” then the specified portion of the data will be rejected:

- Reject Pack - the entire pack is rejected.
- Reject Invoice - the pack may be accepted but the invoice will be rejected.
- Reject Adjustment - the pack may be accepted but the adjustment will be rejected.

If the error action reads “Warning”, then a warning message will be printed on the data entry reports to inform the CIC of the error but the data is not rejected.

### **Explanation of Selected Fields**

A small number of fields are used as indicators to differentiate the circumstances under which selected edits are performed. A brief explanation of these indicators is included below.

**Indicator 29 (all records applicable)** indicates how the client company is identified and also distinguishes between the three regions:

- “9” indicates that the **Client ID** identifies the client and uniquely identifies the **West** region
- Not “9” indicates the **Carrier ID Expanded** identifies the client; essentially distinguishing **East** and **Southwest** regions from the West region (used in the East and Southwest).

### **Invoice Billing Type (015121):**

- “0” indicates that 81xxxx/82xxxx call details will be displayed in traditional toll format.
- “9” indicates that 81xxxx/82xxxx call details will be displayed in cellular format (ESN is printed in lieu of rate and call type information).

**Attachment II - EMI Pack Header Edits – 202205**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Multiple Fields **	001-019 035-043 047-185 194-220	numeric	Positions 1-19, 35-43, 47-185 and 194-220 must be numeric.	Reject Pack	2211
Multiple fields**	015-016 020-027 036-039 100 123-126	numeric	<p>If IC Data Center = 1x or 2x (i.e., does not apply for text packs), the following fields must contain a valid combination of values:</p> <ul style="list-style-type: none"> <li>Bell Company Id Number (pos. 15-16)</li> <li>Send To RAO (pos. 20-22)</li> <li>Billing RAO (pos. 23-25)</li> <li>IC Data Center (pos. 26-27)</li> <li>Carrier Id Expanded (pos. 36-39) only if Indicator 29 not = "9"</li> <li>Invoice Billing Pack Type Indicator (pos. 100)</li> <li>Client ID (pos. 123-126) only if Indicator 29 = "9"</li> </ul> <p><i>Notes:</i></p> <p><i>In the Southwest and East, Indicator 29 will be not = "9":</i>  <i>Carrier Id Expanded will be populated,</i>  <i>ACNA will be defaulted to blanks, and</i>  <i>Client Id will be defaulted to zeros.</i></p> <p><i>In the West, Indicator 29 will be = "9":</i>  <i>Carrier Id Expanded will be defaulted to zeros,</i>  <i>ACNA will be populated (i.e., non-blank), and</i>  <i>Client Id will be populated (i.e., non-zero).</i></p>	Pack Reject	2202
None	n/a		No header present on the pack.	Reject Pack	2212
Record Id	001-006	numeric	The first record in a pack must be the pack header record. Record Id must equal "202205".	Reject Pack	2201
Date Created (yymmdd)	007-012	numeric	<p>Date Created is a valid date:</p> <ol style="list-style-type: none"> <li>1. Year must be current or previous year.</li> <li>2. Month must be in the range of 01-12.</li> <li>3. Day must be in the range of 01-31 and within the valid maximum for the month.</li> </ol>	Reject Pack	2213

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Invoice Number	013-014	numeric	If IC Data Center = 1x or 2x (i.e., does not apply for text packs): Invoice Number will be verified for duplicate or missing packs (i.e., must be the equal to the value which is expected by AT&T Telco) and within the valid range (01-99).	Reject Pack	2203
Bell Company Id Number	015-016	numeric	If IC Data Center = 1x or 2x (i.e., does not apply for text packs): Bell Company Id Number must equal "47" (Connecticut), "33" (AT&T Southwest, AT&T LD <sup>1</sup> ) "40" (California) or "42" (Nevada), "21" (Lightspeed, Ohio), "23" (Lightspeed, Michigan), "25" (Lightspeed, Indiana), "27" (Lightspeed, Wisconsin), "29" (Lightspeed, Illinois), "17" (Lightspeed, Southeast)	Reject Pack	2206
Carrier Identification	017-019	numeric	No edit		
Send To RAO	020-022	alpha-numeric	See 2202		
Billing RAO	023-025	alpha-numeric	See 2202		
IC Data Center	026-027	numeric	The IC Data Center field must be equal to following:  Pos. 26:           1 = Invoice pack 2 = Adjustment pack 4 = Text pack  Pos. 27:           x = any numeric value assigned by the CIC to represent the IC processing center	Reject Pack	2205
Operating Company Number	028-031	alpha-numeric	No edit		
Host RAO	032-034	alpha-numeric	No edit		
Indicator 14	035	numeric	Indicator 14 must = "7".	Reject Pack	2218

<sup>1</sup> AT&T Long Distance, LLC – Formerly SBC Telecom (SBCT)

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Carrier Id Expanded	036-039	numeric	If Indicator 29 not = 9, Carrier ID Expanded must be populated with a four-digit expanded CIC.	Reject Pack	2219
Entity Code based on:			Entity Code ** must be an invoice ready entity per the AT&T Billing Entities (DN851) table.	Reject Pack	2207
Carrier Id Expanded	036-039	numeric	Entity Code ** must be for a carrier which has "active" status per the AT&T Billing Entities (DN851) table (based upon a signed contract).	Reject Pack	2208
or					
Client ID	123-126	numeric	** Entity code will be based on: <i>Carrier ID Expanded when Indicator 29 is not "9"</i> <i>Client ID when Indicator 29 is "9".</i>		
Indicator 29	040	numeric	Indicator 29 must be "0", "1" or "9"	Reject Pack	2231
Local IC Information	041-043	numeric	No edit		
ACNA	044-046	alpha-numeric	If Indicator 29 = 9: ACNA cannot be all spaces, and ACNA must match the ACNA on the AT&T Entity Code table (DN851) for the Entity Code created for this client	Reject Pack	2232
Reserved	047-064	numeric	No edit		
IC Return Code 1	065-068	numeric	No edit		
Reserved	069-099	numeric	No edit		
Invoice Billing Pack Type Indicator	100	numeric	Invoice Billing Pack Type Indicator must match pos. 26 (first digit of the IC Data Center).	Reject Pack	2214
Grand Total Revenue	101-110	signed numeric	Not used on 202205 records. No edit		
Grand Total Record Count	111-117	numeric	Not used on 202205 records. No edit		
Time Created (hhmm)	118-121	numeric	Time Created must be a valid time: 1. Hour must be in the range of 00-23. 2. Minutes must be in the range of 00-59.	Reject Pack	2217

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Independent EC Indicator	122	numeric	No edit		
Client ID	123-126	numeric	If Indicator 29 = 9 then Client ID cannot be zero.	Reject Pack	2233
Reserved	127	numeric	No edit		
Status Code	128	numeric	No edit		
Reserved	129-175	numeric	No edit		
Process Date	176-181	numeric	No edit		
Process Time	182-185	numeric	No edit		
Obligation Id	186-193	numeric	<p>If Indicator 29 not = 9:</p> <p>For Invoice Billing Pack Type Indicator = "1" (invoices) or "2" (adjustments): Obligation Id must be numeric and greater than zero.</p> <p>For Invoice Billing Pack Type Indicator = "4" (text): Obligation Id must be equal to zeros.</p> <p>If Indicator 29=9:</p> <p>For Invoice Billing Pack Type Indicator = "1" (invoices) or "2" (adjustments): Obligation ID cannot be blank.</p> <p>For Invoice Billing Pack Type Indicator = "4" (text): Obligation Id must be equal to all zeros or all blanks.</p>	Reject Pack	2209
Billing Date (yymmdd)	194-199	numeric	<p>For Invoice Billing Pack Type Indicator = "1" (invoices):</p> <ol style="list-style-type: none"> <li>Year must be the current year plus or minus one.</li> <li>Month must be in the range of 01-12.</li> </ol> <p>Day must be in the range of 01-31 and within the valid maximum for the month. (<b>Note:</b> 29 is valid for February regardless of the year.)</p>	Reject Pack	2210
Run Number	200-202	numeric	No edit.		
Pack Accept Indicator	203	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Percent in Error	204-207	numeric	No edit		
Warning Indicator	208	numeric	No edit		
File Type Indicator	209	numeric	No edit		
Reserved	210-212	numeric	No edit		
IC Return Code 2	213-216	numeric	No edit		
IC Return Code 3	217-220	numeric	No edit		

**NOTES:**

1. Packs must be sent in sequence.
2. If error codes 2202 and 2208 are both received, then Carrier Id Expanded is incorrect (Southwest, East) or Client ID is incorrect (West).
3. If error codes 2202 and 2205 are both received, then IC Data Center is incorrect.
4. If error codes 2202 and 2206 are both received, then Bell Company Id Number is incorrect.
5. If error code 2202 is received, then an RAO problem exists.



**Attachment III - EMI Pack Trailer Edits – 202206**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
All fields	001-019 026-027 035--043 047-185 194-220	numeric	Positions 1-19, 35-43, 47-185 and 194-220 must be numeric.	Reject Pack	2211
Multiple	007-016 020-027 035-039 100 118-122 186-199	numeric	The following fields must match the pack header (202205):  - Date Created (pos. 7-12) - Invoice Number (pos. 13-14) - Bell Company Id Number (pos. 15-16) - Send To RAO (pos. 20-22) - Billing RAO (pos. 23-25) - IC Data Center (pos. 26-27) - Indicator 14 (pos. 35) - Carrier Id Expanded (pos. 36-39) - Invoice Billing Pack Type Indicator (pos. 100) - Time Created (pos. 118-121) - Independent EC Indicator (pos. 122) - Obligation Id (pos. 186-193) - Billing Date (pos. 194-199)	Reject Pack	2222
None	n/a		No trailer present on the pack.	Reject Pack	2212
Record Id	001-006	alpha-numeric	The pack trailer must be the last record in the pack. Record Identification must be equal to "202206".	Reject Pack	2221
Date Created (yymmdd)	007-012	numeric	See 2222		
Invoice Number	013-014	numeric	See 2222		
Bell Company ID Number	015-016	numeric	See 2222		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Carrier Identification	017-019	numeric	No edit		
Send To RAO	020-022	alpha-numeric	See 2222		
Billing RAO	023-025	alpha-numeric	See 2222		
IC Data Center	026-027	numeric	See 2222		
Operating Company Number	028-031	numeric	No edit		
Host RAO	032-034	alpha-numeric	No edit		
Indicator 14	035	numeric	See 2222		
Carrier ID Expanded	036-039	numeric	See 2222		
Indicator 29	040	numeric	See 2222		
Local IC Information	041-043	numeric	No edit		
ACNA	044-046	alpha-numeric	See 2222		
Reserved	047-064	numeric	No edit		
IC Return Code 1	065-068	numeric	No edit		
Reserved	069-099	numeric	No edit		
Invoice Billing Pack Type Indicator	100	numeric	See 2222		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Grand Total Revenue	101-110	signed numeric	If Invoice Billing Pack Type Indicator is "1" (invoices): Grand Total Revenue amount must be equal to the sum of the Grand Total Revenue amount (pos. 99-108) from all 015121 records in the pack.	Reject Pack	2225
			If Invoice Billing Pack Type Indicator is "2" (adjustments): Grand Total Revenue amount must be equal to the sum of the Adjustment Total amount (pos. 150-158) from all 015124 records in the pack.	Reject Pack	2226
Grand Total Record Count	111-117	numeric	Grand Total Record Count must equal the number of records within the pack, excluding the pack header (202205) and pack trailer (202206) records.	Reject Pack	2227
			Grand Total Record Count must be less than or equal to 9,999,999.	Reject Pack	2230
Time Created	118-121	numeric	See 2222		
Independent EC Indicator	122	numeric	See 2222		
Client ID	123-126	numeric	See 2222		
Reserved	127	numeric	No edit		
Status Code	128	numeric	No edit		
Reserved	129-185	numeric	No edit		
Obligation Id	186-193	alpha-numeric	See 2222		
Billing Date (yymmdd)	194-199	numeric	See 2222		
Run Number	200-202	numeric	No edit.		
Reserved	203-208	numeric	No edit		
File Type Indicator	209	numeric	No edit		
Reserved	210-212	numeric	No edit		
IC Return Code 2	213-216	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
IC Return Code 3	217-220	numeric	No edit		

**NOTES:**

1. If the pack header is missing, then a record count only will be reported based on the trailer that is found.
2. If the pack trailer is not found, then revenue and record count will be accumulated and reported based on the last pack header processed.

**Attachment IV - EMI Invoice Summary Edits**  
**Common Edits – 015121, 015127 – Positions 8 – 68**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Multiple	008-068	n/a	Positions 8-68 of <b>all</b> of the summary records for an invoice (015121 and 015127 records) must be equal.  If invoice Billing Type is equal to "9", IC Account Number Overflow 2 must be equal (015121, pos. 201-202 and 015127, pos. 211-212).  If Invoice Billing Type is equal to "9" and Format Indicator is equal to "L", IC Account Number Overflow 3 must be equal (01-51-21 and 01-51-27, pos. 213-216)	Reject Invoice	5111
Multiple	008-028 038-043 052-053 069-070	n/a	Duplicate invoices are not accepted within the same <b>pack</b> . The fields used to uniquely identify an invoice are:  <ul style="list-style-type: none"> <li>- Master Billing Number (015121, pos. 8-17)</li> <li>- Customer Code (015121, pos. 18-20)</li> <li>- IC Account Number (015121, pos. 21-28)</li> <li>- IC Account Number Overflow (015121, pos. 29-30)</li> <li>- IC Account Number Overflow 2 (015121, pos. 201-202) <b>only if</b> Invoice Billing Type = "9"</li> <li>- IC Account Number Overflow 3 (015121, pos. 213-216) <b>only if</b> Invoice Billing Type = "9" and Format Indicator = "L"</li> <li>- IC Extraction Date (015121, pos. 38-43)</li> <li>- Invoice Number (015121, pos. 52-53)</li> <li>- Billing Number (015121, pos. 69-78)</li> </ul>	Reject Pack	5110
Master Billing Number	008-017	alpha-numeric	Master Billing Number must be greater than zero.	Warning	5101
Customer Code	018-020	numeric	Customer Code must be numeric.	Reject Invoice	5112

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
IC Account Number  <i>And</i>  IC Account Number Overflow	021-028    029-030	alpha-numeric    alpha-numeric	<i>Note: These fields are used for the Billing Account Number (BAN) when Invoice Billing type = "9".</i>  If Invoice Billing Type is "9", then IC Account Number must be populated and must be numeric (i.e., cannot equal all blanks).    If Invoice Billing Type is "9", then IC Account Number Overflow must be populated and position 29 must be numeric (i.e., cannot equal all blanks).	Reject Invoice    Reject Invoice	5135    5136
IC Customer Type	031	numeric	Must equal one of the following values <b>when Format Indicator is not "L"</b> : 0=Wireless 1=Residence 2=Business  <b>Must equal one of the following values when Format Indicator is "L"</b> : 0=Wireless 1=Residence 2=Business 3=Uverse	Reject Invoice	5114
Billing Date (yymmdd)	032-037	numeric	Billing Date (YYMMDD format) must meet the following edits:  1. YY must be current year plus or minus one. 2. MM must be in the range of 01-12. 3. DD must be in the range of 01-31 and within the valid maximum for the month. ( <b>Note:</b> 29 is always the valid maximum for February.)	Reject Pack	5103
IC Extraction Date (yymmdd)	038-043	numeric	IC Extraction Date (YYMMDD format) must meet the following edits:  1. YY must be current year or previous year and not over one year old. 2. MM must be in the range of 01-12. 3. DD must be in the range of 01-31 and within the valid maximum for the month. ( <b>Note:</b> 29 is always the valid maximum for February.) 4. Must equal less than or equal to the current date.	Reject Pack	5102
Obligation Id	044-051	numeric	Obligation Id must match the pack header (202205).	Reject Pack	5104

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Invoice Number	052-053	numeric	Invoice Number must match the pack header (202205).	Reject Invoice	5109
Company Number	054-055	numeric	Company Number must match the pack header (202205).	Reject Invoice	5105
Billing RAO	056-058	alpha- numeric	Billing RAO must match the pack header (202205).	Reject Invoice	5106
Send To RAO	059-061		Send To RAO must match the pack header (202205).		
Carrier Identification	062-064	numeric	No edit		
IC Return Code 1	065-068	numeric	IC Return Code 1 must equal zeros.	Reject Invoice	5108

**Marketing Summary Record Edits – 015121**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	Record Type must be equal to "015121".	Reject Invoice	5120
Multiple Summary Indicator	007	numeric	Multiple Summary Indicator must be "1".	Reject Invoice	5115
Multiple	001-007		Refer to Invoice Composition Edits in this Attachment IV, <b><i>following</i></b> Marketing Summary Record Edits		
Multiple	008-068		Refer to Common Edits in this Attachment IV, <b><i>preceding</i></b> Marketing Summary Record Edits		
Billing Number (npanxxline)	069-078	alpha-numeric	<p>If Format Indicator (pos. 148) not = "L", Billing Number must have a non-zero NPA and a non-zero NXX and Billing Number must not be "9999999999".</p> <p>If Format Indicator (pos. 148) = "L", Billing Number must not be "9999999999".</p>	Reject Invoice	5122
			<p>If Format Indicator (pos. 148) not = "L" and if Indicator 29 (pos. 146) = 9:</p> <ul style="list-style-type: none"> <li>o If the NPA of the Billing Number = 150, 165 or 166, then Company Number (pos. 54-55) must = 42.</li> <li>o If the NPA of the Billing Number = 065, 088 or 250, then Company Number (pos. 54-55) must = 40.</li> </ul>	Reject Invoice	1048
Date of Earliest Message (yymmdd)	079-084	numeric	<p>Date of Earliest Message must meet the following edits:</p> <ol style="list-style-type: none"> <li>1. Year must be current year or previous year and not over one year old.</li> <li>2. Month must be in the range of 01-12.</li> <li>3. Day must be in the range of 01-31 and within the maximum for the month.</li> <li>4. Must be less than the current date.</li> </ol>	Reject Invoice	5123
CRI Indicator	085	alpha-numeric	No edit		
Call Plan Code	086	alpha-numeric	No edit		



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Reserved for Local Company Use	087-089	numeric	No edit		
Number of Summary Records Within Invoice	090*-096	numeric	Number of Summary Records Within Invoice must be equal to the number of 015121 and 015127 records within the invoice and cannot exceed 9,999,999.  * AT&T has expanded the Number of Summary Records within invoice to include positions 090-092.	Reject Invoice	5116
Invoice Billing Type	097	numeric	Invoice Billing Type must be "0" (zero) or "9".  (Value "9" designates invoices that contain cellular call details (i.e., from Cingular).	Reject Invoice	5117
IC Specific	098	numeric	No edit		
Grand Total Revenue Summary	099-108	signed numeric	Grand Total Revenue Summary must equal the <u>sum</u> of: <ul style="list-style-type: none"> <li>• Billable Amount from all 015127 records with Classification values "D", "N", "F", "S" or "U", <u>plus</u></li> <li>• Sum of the revenue (including taxes and other line surcharge amounts, as applicable) from all 81xxxx and 82xxxx records. <i>Note: 81xxxx amounts are added; 82xxxx amounts are subtracted.</i></li> </ul> Grand Total Revenue Summary must equal the sum of Billable amount for all 015127 records with Bill Category of '01' and Bill Sub-Category of '001' when Format Indicator equal 'L' <b>and Invoice Billing Type is '9'</b> . (Lightspeed/Mobility edit)	Reject Invoice	5124
				Reject Invoice	5779

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Marketing Msg Code 1	109-113	alpha-numeric	Marketing Message Code 1 must be equal to one of the following: all blanks, all zeros, or five alphanumeric characters without embedded blanks.	Reject Invoice	5118
			The Marketing Message Code 1 is not listed on the T332 Marketing Message Table.  <i>Notes:</i> <ul style="list-style-type: none"> <li>If the requested code is not found on the text table, a default message will be printed.</li> <li>If the field is equal to all blanks or all zeros, a message is not printed on the end user's bill and the corresponding B&amp;C charge is not generated.</li> </ul>	Warning	5198
Marketing Msg Code 2	114-118	alpha-numeric	Marketing Message Code 2 must be equal to one of the following: all blanks, all zeros, or five alphanumeric characters without embedded blanks.	Reject Invoice	5119
			The Marketing Message Code 2 is not listed on the T332 Marketing Message Table.  <i>Notes:</i> <ul style="list-style-type: none"> <li>If the requested code is not found on the text table, a default message will be printed.</li> <li>If the field is equal to all blanks or all zeros, a message is not printed on the end user's bill and the corresponding B&amp;C charge is not generated.</li> </ul>	Warning	5200
Type of Regulation Indicator	119	numeric	No edit.		
Carrier Id Expanded	120-123	numeric	Carrier Id Expanded must equal the pack header (202205).	Reject Pack	5107
Indicator 14	124	numeric	Indicator 14 must be "7" and must equal the pack header (202205).	Reject Pack	5134

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
LSPID	125-128	alpha-numeric	No edit		
Marketing Message Code 3  (IC Specific)	129-133	alpha-numeric	<p>Marketing Message Code 3 must be equal to one of the following:            all blanks,            all zeros, or            five alphanumeric characters without embedded blanks.</p> <p>The Marketing Message Code 3 is not listed on the T332 Marketing Message Table.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> <li><i>If the requested code is not found on the text table, a default message will be printed.</i></li> <li><i>If the field is equal to all blanks or all zeros, a message is not printed on the end user's bill and the corresponding B&amp;C charge is not generated.</i></li> <li><i>Processing in East, Southwest and West will ignore this code if it is the same as Marketing Message Code 1 or 2.</i></li> </ul>	Reject Invoice  Warning	5174  5175
Marketing Message Code 4  (IC Specific)	134-138	alpha-numeric	<p>Marketing Message Code 4 must be equal to one of the following:            all blanks,            all zeros, or            five alphanumeric characters without embedded blanks.</p> <p>The Marketing Message Code 4 is not listed on the T332 Marketing Message Table.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> <li><i>If the requested code is not found on the text table, a default message will be printed.</i></li> <li><i>If the field is equal to all blanks or all zeros, a message is not printed on the end user's bill and the corresponding B&amp;C charge is not generated.</i></li> <li><i>Processing in East, Southwest and West will ignore this code if it is the same as Marketing Message Code 1 or 2 or 3</i></li> </ul>	Reject Invoice  Warning	5176  5177

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Total Number of Messages-Summary	139-145	numeric	Total Number of Messages-Summary must be: 1. Numeric, 2. Greater than or equal to zero, 3. Cannot exceed 9,999,999 and 4. Equal to the number of 81xxxx and 82xxxx records in the invoice.	Reject Invoice	5125
Indicator 29	146	numeric	Must equal pack header (202205)	Reject Pack	5181
Reserved	147	numeric	No edit		
Format Indicator	148	alpha-numeric	Must be equal to "0" (regional format) or "E" (Enterprise format). If Processing in the Lightspeed division, then Format Indicator must = 'L'. If Format Indicator = 'L', then must be processing in the Lightspeed division.	Reject Invoice	5182
Total Revenue Domestic FGA/FGD	149-156	signed numeric	No edit		
Treatable Indicator	157	numeric	No edit		
Reserved	158-159	numeric	No edit		
Total Revenue Domestic Calling Card	160-167	signed numeric	No edit		
Reserved	168-170	numeric	No edit		
Total Revenue International Calling Card	171-178	signed-numeric	No edit		
Image Code	179-181	alpha-numeric	No edit		
Total Revenue Special IC Card	182-189	signed-numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
IC Customer Inquiry Number	190-199	numeric	No edit		
Language Indicator	200	alpha-numeric	The Language Indicator on the 015121 must equal: <ul style="list-style-type: none"> <li>• "S" = Spanish</li> <li>• "E" = English</li> <li>• "0" (zero) = Default to English</li> <li>• Blank = Default to English</li> </ul>	Reject Invoice	5129
Reserved	201-202	numeric	No edit		
IC Data Center	203-204	numeric	No edit		
Billing Inventory Number	205-212	alpha-numeric	No edit		
IC Return Code 2	213-216	numeric	No edit		
IC Return Code 3	217-220	numeric	No edit		

**Invoice Composition Edits – 015121**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	The first record of the invoice must be an 015121 record.	Reject Invoice	5130
			There may be one and only one 015121 record in an invoice	Reject Invoice	5131
n/a	n/a	n/a	An invoice cannot exceed 9,999,999 records (of any and all invoice record types).	Reject Invoice	5132

**Phrase Summary Record Edits – 015127**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	Record Id must equal "015127".	Reject Invoice	5701
Multiple Summary Indicator	007	numeric	No edit		
Multiple	008-068		Refer to Common Edits in this Attachment IV, <u>preceding</u> Marketing Summary Record Edits		
Bill Category	069-070	numeric	Bill Category (BC) must be numeric (no blanks).	Reject Invoice	5702
Bill Sub-Category Id	071-073	alpha-numeric	Bill Sub-Category (BSC) may be any combination of three alphanumeric characters (A-Z, 0-9, no special characters, no embedded spaces).	Reject Invoice	5703
Bill Sub-Category Sequence Number	074-075	numeric	Bill Sub-Category Sequence Number must be numeric and greater than zero (01-99).	Reject Invoice	5705
			When the Bill Category (BC)/Bill Sub-Category (BSC) of the current 015127 record is the same as the combination on the previous 015127 record within the invoice, then the Bill Sub-Category Sequence Number of the current record must be one greater than that of the previous record.  When the BC/BSC is not the same as the previous 015127 record, then the Bill Sub-Category Sequence Number must be "01".	Reject Invoice	5706
Billable Line Indicator	076	numeric	Billable Line Indicator (BLI) must be "0" or "1".	Reject Invoice	5707
Charge Type (CT)	077	alpha-numeric	Charge Type must be "B", "C", "D", "E", "F", "H", "I", "J", "K", "L", "M", "O", "P", "Q", "S", "T", "U", "Z" or "9".	Reject Invoice	5709
Classification	078	alpha-numeric	Classification must be "D", "N", "F", "S", "U" or "Z".	Reject Invoice	5710

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Phrase Message Code	079-083	alpha-numeric	Phrase Message Code must be a five character alphanumeric value (A-Z, 0-9, no blanks or special characters).	Reject Invoice	5714
			The Phrase Message Code must be located on the corresponding AT&T Text table.  <i>This edit verifies that the corresponding text record has been deployed to the receiving data center (Dallas, New Haven or Fairfield) at the time the invoice is received.</i>  <b>Note:</b> <i>This edit is repeated in the invoice processing function on bill day to insure that the corresponding text record is deployed to the billing data center at the time the invoice is billed.</i>	Reject Invoice	5715
Multiple Variable Counter	084	numeric	Multiple Variable Counter must be in the range of 0-7.	Reject Invoice	5716
			Multiple Variable Counter must agree with the phrase information on the corresponding text table.	Reject Invoice	5717



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Phrase Variable 1	085-094	alpha-numeric	For each Phrase Variable (1-7) that is used, the number of positions which are non-blank must be in agreement with the corresponding Variable #x Length field from the requested 435104 record. (For example, if Variable #x Length is "06", then the last 4 positions of Phrase Variable x must be blank.)	Reject Invoice	
Phrase Variable 2	095-104				
Phrase Variable 3	105-114				
Phrase Variable 4	115-124				
Phrase Variable 5	125-134				
Phrase Variable 6	135-144				
Phrase Variable 7	145-154				
			Phrase Variable #1 exceeds length specified by Variable #1 Length.		5761
			Phrase Variable #2 exceeds length specified by Variable #2 Length.		5762
			Phrase Variable #3 exceeds length specified by Variable #3 Length.		5763
			Phrase Variable #4 exceeds length specified by Variable #4 Length.		5764
			Phrase Variable #5 exceeds length specified by Variable #5 Length.		5765
			Phrase Variable #6 exceeds length specified by Variable #6 Length.		5766
			Phrase Variable #7 exceeds length specified by Variable #7 Length.		5767
			The number of Phrase Variable fields that may be non-blank is dependent on the value in Multiple Variable Counter. (For example, Phrase Variable #3 may not be non-blank unless Multiple Variable Counter is greater than or equal to 3.)	Reject Invoice	
			Phrase Variable 1 must be spaces if Multiple Variable Counter <1.		5771
			Phrase Variable 2 must be spaces if Multiple Variable Counter <2.		5772
			Phrase Variable 3 must be spaces if Multiple Variable Counter <3.		5773
			Phrase Variable 4 must be spaces if Multiple Variable Counter <4.		5774
			Phrase Variable 5 must be spaces if Multiple Variable Counter <5.		5775
			Phrase Variable 6 must be spaces if Multiple Variable Counter <6.		5776
			Phrase Variable 7 must be spaces if Multiple Variable Counter <7.		5777

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Language Indicator	155	alpha-numeric	The Language Indicator on the 015127 must equal: <ul style="list-style-type: none"> <li>• "S" = Spanish</li> <li>• "E" = English</li> <li>• "O" (zero) = Defaults to English</li> <li>• Blank = Defaults to English</li> </ul>	Reject Invoice	5784
			If the Language Indicator is something, other than "E", "O" zero or blank, then it must match the language indicator on the 015121.  <i>(In other words, you can't use "S" on a 015127 unless the 015121 is marked with an "S". But you may use blank, zero and "E" when the 015121 is marked for "S".)</i>	Reject Invoice	5783
Local Company Use Field	156-165	numeric	No edit		
AT&T Discount Type	166	alpha-numeric	Must be either "0" (zero, default) or "Q". Value "Q" is valid only if the DN851 AT&T Company Indicator is "Y".	Reject Invoice	5905
AT&T Discount Informational Amount	167-171	signed numeric	When AT&T Discount Type = "0", then positions 167-171 must be 0. When AT&T Discount Type = "Q", then positions 167-171 must be numeric.  <i>The default value for this field should be zero (not blank).</i>	Reject Invoice	5906
Bill Line Attribute	172	alpha-numeric	Must be blank, zero "1" or "2". Blank, zero – No floating \$ (West only) "1" indicates that a floating dollar sign is printed (West only) "2" indicates that the amount should be printed in bold font	Reject Invoice	5908
Jurisdiction Indicator	173	alpha-numeric	Must be populated with one of the following values:  0 = not applicable (i.e., no billable revenue) 1 = Interstate 2 = Intrastate 3 = International	Reject Invoice	5909

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Local Company Use Field	174	alpha-numeric	No edit		
Billable Amount	175-185	signed numeric	Billable Amount must be a signed numeric.	Reject Invoice	5729
			Billable Amount cannot exceed the print limitation of seven digits before the decimal and two digits after the decimal, excluding the sign. <i>(Note: Billable Amount must be greater than or equal to -9,999,999.99 and less than or equal to +9,999,999.99).</i>	Reject Invoice	5778
			If Charge Type = Q, then Billable Amount must be numeric less than or equal to zero.	Reject Invoice	5904
Treatable Indicator	186	numeric	Must equal one of the following values: 0 = no requirements exist (use for all records that do not carry billable amounts) 1 = non-deniable 2 = local service deny 3 = toll deny 4 = both toll and local service deny	Reject Invoice	5910
Cellular Telephone Number	187-196 (redefinition)	numeric	Cellular Telephone Number must be numeric (i.e., ten numeric characters) and cannot be all zeros when Invoice Billing Type (015121) is "9" and Classification is "D", "F", "N", "S" or "U".	Warning	5720
Print Block Indicator	197	Alpha-numeric	Valid values are numeric, "A" or "B" or space. Notes: <ul style="list-style-type: none"> <li>• "A" indicates the beginning of a summary section that should be printed within a single logical page.</li> <li>• "B" indicates the end of the summary section</li> <li>• Numeric values (0-9) and space will be accepted and allowed to flow through processing but do not impact telco processing.</li> <li>•</li> </ul>	Reject Invoice	5704
			A group of records defined as a "summary section: must <ul style="list-style-type: none"> <li>• Begin with an 015127 with Print Block Indicator set to "A", and</li> <li>• End with an 015127 with Print Block Indicator set to "B", and</li> <li>• Contain only 015127 records with Phrase Types D, I (alpha), 2, 3 and 4.</li> </ul>	Reject Invoice	5708

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Phrase Type Indicator	198	alpha-numeric	Phrase Type (PT) must be one of the following values: "A", "B", "C", "D", "H", "I", "S", "T", "U", "V", "2", "3" or "4".	Reject Invoice	5732
			<p>Phrase Types "A" and "C" can be combined to create multiple lines. When passing repeated headings the following rules apply:</p> <p>For the same bill category and subcategory values:</p> <ul style="list-style-type: none"> <li>The number of successive Phrase Type "A" and Phrase Type "C" cannot exceed 10.</li> <li>Allow for 0-2 records with PT=A in the group of up to 10 successive column heading records.</li> <li>If there are any PT=A records in the group of up to 10 successive column heading records, then the last record in that group must be a PT=A.</li> </ul> <p><b>These are valid examples:</b>            CCCCCCC            CCCACCCA            CCCCCACCCA            CCCAA            CCCA</p> <p><b>These are invalid examples:</b>            CCACCACC (A is not last)            CCCACC (A is not last)            CACACCA (more than 2 A's)</p> <p>The Language specified by the Indicator value on the <u>last</u> PT=A record must match the Language specified by the Language Indicator value on the 015121.</p> <p><b>Example:</b>            (015121 Language Indicator = E &amp; 015127 Language Indicator = Blank) match;            (015121 Language Indicator = Blank &amp; 015127 Language Indicator = E) match;            (015121 Language Indicator = 0 (zero) &amp; 015127 Language Indicator = E) match;            (015121 Language Indicator = S &amp; 015127 Language Indicator = S) match; etc.</p>	Reject Invoice	5781

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Phrase Type (PT) Indicator (continued)	198	alpha-numeric	For the multi-record phrases (PT "2", "3" and "4" followed by PT "D") record(s) with the Same Bill Category and Same Bill Sub-Category), the line with the amount (BLI = "1") must be first record in the group.		
			PT "2" groups must be: PT "2" with BLI "1" PT "D" with BLI "0"	Reject Invoice	5737
			PT "3" groups must be: PT "3" with BLI "1" PT "D" with BLI "0" PT "D" with BLI "0"	Reject Invoice	5738
			PT "4" groups must be: PT "4" with BLI "1" PT "D" with BLI "0" PT "D" with BLI "0" PT "D" with BLI "0"	Reject Invoice	5739
			The number of consecutive heading records (any mixture of Phrase Types "B", "S", "H", "A" and/or "C" is limited to 20.	Warning	5786

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Type of Regulation Indicator	199	numeric	<p>Must be one of the following values when Invoice Billing Type = 0:            0 = No requirement exists (used on records without billable charges)            1 = Regulated toll            2 = Regulated non-toll            3 = Non-regulated non-toll            4 = Non-regulated toll</p> <p>Must be one of the following values when Invoice Billing Type = 9:            0 = not applicable (used on records without billable charges)            3 = Non-regulated non-toll            4 = Non-regulated toll</p> <p>If Indicator 29 (pos. 205) = "9" and Classification (pos. 78) = "F" (Federal Tax) or "S" (State/Local Tax) or "U" (State/Local Surcharge), then Type of Regulation Indicator must be equal to "2" (regulated non-toll) or "3" (non-regulated non-toll).</p>	Reject Invoice	5787
Carrier Id Expanded	200-203	numeric	Carrier Id Expanded must equal the pack header (202205).	Reject Invoice	5753
Indicator 14	204	numeric	Indicator 14 must be "7" and must equal the pack header (202205).	Reject Pack	5752
Indicator 29	205	numeric	Indicator 29 must equal the pack header (202205).	Reject Invoice	5788
Reserved	206-212	numeric	No edit		
IC Return Code 2	213-216	numeric	When Format Indicator not = 'L', IC Return Code 2 must be zero.	Reject Invoice	5734
IC Return Code 3	217-220	numeric	IC Return Code 3 must be zero.	Reject Invoice	5735
The following edits are related to combinations of fields.					

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Billable Line Indicator, Phrase Type  <b>(Cross edit between Phrase Type and Billable Line Indicator)</b>	076  198		Billable Line Indicator must be valid for the Phrase Type, as follows: <ul style="list-style-type: none"> <li>• BLI must be "0" when PT is "A", "H", or "S".</li> <li>• BLI must be "1" when PT is "V", "2", "3" or "4".</li> <li>• BLI may be "0" or "1" when PT is "D", "I", "T", or "U".</li> </ul> When Format Indicator not = "L": <ul style="list-style-type: none"> <li>• BLI must be "0" when PT is "B" or "C"</li> </ul>	Reject Invoice	5740
Classification, Phrase Type  <b>(Cross edit between Phrase Type and Classification)</b>	078  198		Classification must be valid for the Phrase Type, as follows: <ul style="list-style-type: none"> <li>• Classification must be "Z" when PT is "A", "B", "C", "H", "I", "S", "T", or "U" or "V".</li> <li>• Classification must not be "Z" when PT is "2", "3" or "4". <i>(Classification may be any valid value when PT is "D".)</i></li> </ul>	Reject Invoice	5710
Charge Type, Jurisdiction Indicator, Treatable Indicator, Classification	077 173  186  078		Charge Type, Jurisdiction Indicator, Treatable Indicator and Type of Regulation Indicator must agree with Classification, as follows: <ul style="list-style-type: none"> <li>• When Classification is "Z" and Format Indicator not = 'L':                Charge Type must be "Z"                Jurisdiction Indicator must be "0"                Treatable Indicator must be "0"                Type of Regulation Indicator must be "0"</li> <li>• When Classification is "Z" and Format Indicator = 'L':                Charge Type must be "Z" or "M" or "P" or "U" or "O" or "S" or "T" or "B" or "C"                Jurisdiction Indicator must be "0"                Treatable Indicator must be "0"                Type of Regulation Indicator must be "0"</li> <li>• When Classification is not "Z":                Jurisdiction Indicator must not be "0"                Treatable Indicator must not be "0"                Type of Regulation Indicator must not be "0"</li> </ul>	Reject Invoice	5711

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Charge Type AT&T Discount Type	077 166		If Indicator 29 (pos. 205) is not = "9" (i.e., the invoice is for SW/East)  If AT&T Discount Type (pos. 166) = "Q", then Charge Type cannot be "Q"  Else (Indicator 29 = "9" indicating the invoice is for the West)  If AT&T Discount Type (pos. 166) = "Q", then Charge Type cannot be "Q" or "Z".	Reject Invoice	5907
Charge Type Company Number	077 054-055		If Charge Type is "E", "H", "I", "J" or "K", then Company Number must be "40" (California) and Format Indicator must not equal "L".  If Charge Type is "T" or "U", then Company Number must be "40" or Format Indicator must be "L".  If Charge Type is "M", "O" or "P", then Format Indicator must be "L".	Reject Invoice	5789
Charge Type Jurisdiction Indicator	077 173		Jurisdiction Indicator must contain a value that is valid based on the Charge Type, as follows:  When Format Indicator not = 'L': <ul style="list-style-type: none"> <li>If Charge Type is "B", "D" or "Q", then Jurisdiction Indicator must be "1" (interstate), "2" (intrastate) or "3" (international).</li> <li>If Charge Type is "C", "E", "F", "H", "I", "J", "K", "L", "S", "T", "U" or "9", then Jurisdiction Indicator must be "2" (intrastate).</li> </ul>	Reject Invoice	5790
Bill Line Attribute Billable Line Indicator	172 076		If Bill Line Attribute is "1" or "2", then Billable Line Indicator must be "1".	Reject Invoice	5791
Billable Amount Billable Line Indicator	175-185 076		If Billable Line Indicator (BLI) is "0" (zero), then Billable Amount must be +0 (zero).	Reject Invoice	5736



**Attachment V - EMI Detail Record Edits – 81xxxx**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Multiple	001-014 025-029 040-069 072-074 078-101 150-152 158-175	numeric	Positions 1-14, 25-29, 40-69, 72-74, 78-101, 150-152 and 158-175 must be numeric.	Warning	0102
Record Id	001-006	numeric	Valid Record Ids are:  810101          810201          810501          810701 810104                          810504 810116                          810516 810117          810217          810517 810118          810218          810518 810132          810232          810532          810732 810135                          810535 810137                          810537 810180          810280	Reject Pack	0140
Record Id	001-006	alpha-numeric	Usage for toll free services (81-xx-04 or 82-xx-04) must be segregated from other usage by assigning different Bill Sub-Category values. Within a given Bill Category/Bill Sub-Category combination, the usage records Record IDs must be:  <ul style="list-style-type: none"> <li>• All non-toll-free charges and credits (81-xx-xx except 81-xx-04 and/or 82-xx-xx except 82-xx-04); <b>OR</b></li> <li>• All toll free charges and credits (only 81-xx-04 and/or 82-xx-04)</li> </ul>	Reject Invoice	0112

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Date of Record (yymmdd)	007-012	numeric	Date of Record (message date) must meet the following edits: 1. Month must be within the range of 01-12. 2. Day must be within the range of 01-31 and within the valid maximum for the month. 3. Cannot be greater than the current date. 4. Cannot be older than the "age of message" specified in the contract. 5. Cannot be earlier than the Earliest Message Date on the 015121 record.	Reject Pack	0141
From Number Length	013-014	numeric	Valid values are 00-16.  If International Expansion Indicator is "0" or "2", must be in the range of 00-10.  If International Expansion Indicator = 1 or 3, must be in the range of 11-16.	Reject Invoice	0143
From Number (npanxxline)	015-024	alpha-numeric	If Record Id is not 810180, 810280, 810501, 810517, 810518, 810532, 810701 or 810732, then From Number cannot contain all zeros in the NPANXX portion.  If From Number Length = 16, then leading digit (pos. 15 of the EMI record) must be "0".	Reject Invoice  Reject Invoice	0142  0148
Local Company Use	025-027	numeric	No edit		
To Number Length	028-029	numeric	Valid values are 00-16.  If International Expansion Indicator is 0 or 1, must be in the range of 00-10.  If International Expansion Indicator is 2 or 3, must be in the range of 11-16.	Reject Invoice	0147

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
To Number (npanxxline)	030-039	alpha- numeric	To Number is blocked from billing ("8xx" and "900" service). <b>NOTE:</b> AT&T maintains a table of terminating numbers for which it will not bill calls.	Reject Invoice	0134
			To Number must meet the following edits: 1. If Invoice Billing Type (on the 015121) is not "9", then TO NPANXX cannot equal all zeros. 2. If To NPA is "700" or "900", then Record ID must be 810116 or 810516. 3. If To NPA is a toll free NPA (i.e., "800", "888", "877", "866", "855", "844", "833" or "822"), then Message Type must be "2" or "3". The exceptions to this are 81xx80 and 81xx04 records, which may terminate to a toll free NPA irrespective of the Message Type. <b>If not Lightspeed:</b> 4. To Number must be numeric 5. The length of the To Number field must match the number of digits specified in the To Number Length. Since 'To Number' must be numeric, any remaining digits must be filled with zeroes. (ex. If To Number Length is "05", then digits 6-10 of the To Number field must equal zeros.	Reject Invoice	0144
			<b>If Lightspeed</b> 4. To Number must be a valid alphanumeric character. (Valid values are all upper and lower case alphabetic characters (A-Z, a-z), numbers (0-9), a space, an asterisk (*), a pound sign (#) and a slash or virgule (/). 5. The length of the To Number field must match the number of digits specified in the To Number Length. Since the 'To Number' can be alphanumeric, any remaining digits must be filled with zeroes or spaces. (ex. If To Number Length is '05', then digits 6-10 of the To Number field must be zeroes or spaces).		
			6. If the record type is 8102xx or 8107xx, the first digit of the To Number (pos. 30) must be zero. 7. If To Number Length = 16, the leading digit (pos. 30) must be zero. 8. To Number NPA may not be "900" if the Settlement Code is "J", "6" or "8".	Reject Invoice	0149
				Reject Invoice	0177

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Charge	040-046	numeric	Charge must be greater than or equal to zero. If Amount Indicator = 0, then Charge must be zero.	Reject Invoice	0145
Type of Regulation Indicator	047	numeric	Must be one of the following values: 0 = No requirement exists (used on records without billable charges) 1 = Regulated toll 2 = Regulated non-toll 3 = Non-regulated non-toll 4 = Non-regulated toll  Value 0 is only valid if Charge (pos. 40-46) is equal to zero and if Indicator 13 is equal to "0" (i.e., when the record does not contain a billable charge or tax).	Reject Invoice	0137
State Tax	048-051	numeric	State Tax, Local Tax and Other Line/Surcharge are edited as follows: 1. If Indicator 13 = 0, 5, or 7, then State Tax and Local Tax must be zero. 2. If Indicator 13 = 1, then State Tax must be greater than zero and Local Tax must be zero. 3. If Indicator 13 = 2, then both State Tax and Local Tax must be greater than zero. 4. If Indicator 13 = 3, then State Tax must be zero and Local Tax must be greater than zero. 5. If Indicator 13 = 4, then Other Line Surcharge must be greater than zero, WATS Class must be zero and Orig WATS Band must be zero.	Reject Invoice	0146
Local Tax	052-054	numeric			
Other Line/Surcharge	048-052	numeric			
Connect Time (hhmmss)	055-060	numeric	Connect Time must meet the following edits: 1. Hour must be in the range of 00-23, Minutes must be in the range of 00-59, Seconds must be in the range of 00-59. 2. If Hour is not available, the Hour will be set to 25. 3. If Minutes are not available, the Minutes will be set to 99. 4. If Seconds are not available, the Seconds will be set to 99.	Reject Invoice	0151
Billable Time (mmmsst)	061-067	numeric	Billable Time must be numeric and cannot equal zeros. If Indicator 6 = "2" or "3", then Billable Seconds must be equal to 00-59.	Reject Invoice Reject Invoice	0152 0153
Method of Recording	068-069	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code																																												
Return Code	070-071	alpha-numeric	Return Code must be equal to zeros.	Reject Invoice	0111																																												
Local Company Information	072-074	numeric	No edit																																														
Code Override	075-077	Alpha-numeric	<p>Code Override may be 1-, 2- or 3-characters but characters must be used from left to right (i.e., no leading or imbedded spaces are allowed; trailing spaces are allowed).</p> <p>All <u>non-blank</u> characters must be either numeric (0-9) or upper case alphabetic (A-Z) values. Lower case alphabetic values (a-z) and special characters are not allowed.</p> <p>The following 2-character codes followed by a single blank are <u>not</u> valid:            BJ, BS, CR, FB, FU and MF.</p> <p>The following 3-character codes are <u>not</u> valid:</p> <table border="0"> <tr> <td>ASS</td> <td>DIC</td> <td>GAS</td> <td>SOB</td> </tr> <tr> <td>BFD</td> <td>DIE</td> <td>GAY</td> <td>SUC</td> </tr> <tr> <td>BFE</td> <td>DIK</td> <td>HAG</td> <td>SUK</td> </tr> <tr> <td>BRA</td> <td>DUI</td> <td>NIP</td> <td>SUX</td> </tr> <tr> <td>BUD</td> <td>DUM</td> <td>PEE</td> <td>TAX</td> </tr> <tr> <td>BUN</td> <td>DWI</td> <td>PIS</td> <td>TIT</td> </tr> <tr> <td>BUT</td> <td>FAG</td> <td>POO</td> <td>WAR</td> </tr> <tr> <td>CON</td> <td>FAT</td> <td>POS</td> <td>WET</td> </tr> <tr> <td>CRS</td> <td>FIB</td> <td>PRO</td> <td>YES</td> </tr> <tr> <td>CUM</td> <td>FUC</td> <td>SEX</td> <td>YUC</td> </tr> <tr> <td>DAM</td> <td>FUK</td> <td>SIN</td> <td>YUK</td> </tr> </table>	ASS	DIC	GAS	SOB	BFD	DIE	GAY	SUC	BFE	DIK	HAG	SUK	BRA	DUI	NIP	SUX	BUD	DUM	PEE	TAX	BUN	DWI	PIS	TIT	BUT	FAG	POO	WAR	CON	FAT	POS	WET	CRS	FIB	PRO	YES	CUM	FUC	SEX	YUC	DAM	FUK	SIN	YUK	Reject Invoice	0108
ASS	DIC	GAS	SOB																																														
BFD	DIE	GAY	SUC																																														
BFE	DIK	HAG	SUK																																														
BRA	DUI	NIP	SUX																																														
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CUM	FUC	SEX	YUC																																														
DAM	FUK	SIN	YUK																																														
Rate Period	078	numeric	Rate Period must be in the range of 1-9.	Reject Invoice	0157																																												
Rate Class	079	numeric	Rate Class must be in the range of 1-6 or 9.	Reject Invoice	0158																																												

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Message Type	080	numeric	Message Type must be in the range of 1-6.	Reject Invoice	0159
			Call is blocked due to criteria noted on the IC002 C Table. (Currently this applies only to Texas customers for collect calls that have a message type equal to 4, are less than 5 minutes in duration and have a charge greater than \$35.)	Reject Invoice	0136
Treatable Indicator	081	numeric	Must equal one of the following values: 0 = no requirements exist (use for all records that do not carry billable amounts) 1 = non-deniable 2 = local service deny 3 = toll deny 4 = both toll and local service deny	Reject Invoice	0160
Indicators 1-5	082-086	numeric	No edit		
Indicator 6	087	numeric	Valid values are "0", "1", "2", "3", "7" and "8". 1. If Indicator 6 = "1", then <u>only</u> Billable Minutes have been rounded (not seconds). 2. If Indicator 6 = "3", then AT&T only prints tenths of minute. 3. If Indicator 6 = "7", then Billable Time is not rounded. AT&T prints minutes and seconds (tenths of second are truncated). 4. If Indicator 6 = "8", then SWB prints whole minutes only.	Reject Invoice	0116
Indicator 7	088	numeric	No edit		
Indicator 8	089	numeric	Indicator 8 must be "7".	Warning	0117
Indicators 9-12	090-093	numeric	No edit		
Indicator 13	094	numeric	If Amount Indicator = 0, then Indicator 13 must be "0".	Reject Invoice	0128
Indicator 14	095	numeric	Indicator 14 must be "7".	Reject Pack	0118
Indicator 15	096	numeric	Indicator 15 must be "5".	Warning	0119
Indicators 16 – 17	097-098	numeric	No edit		
Indicator 18	099	numeric	Indicator 18 must be "0" or "1".	Reject Invoice	0120
			If the Record ID is 81-xx-04, then Indicator 18 must be "0".	Reject Invoice	0114

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Indicators 19-20	100-101	numeric	No edit		
Obligation Id	102-109	alpha-numeric	Obligation Id must match the pack header (202205).	Reject Invoice	0163
Billing RAO	110-112	alpha-numeric	Billing RAO must match the pack header (202205).	Warning	0164
Billing Number (npanxxline)	113-122	numeric	If Invoice Billing type (015121) is not "9", then Billing Number NPANXX cannot be all zeros.	Warning	0165
			If Invoice Billing type (015121) is "9", then Billing Number NPANXX cannot be all zeros.	Reject Pack	0168
From Place	123-134	alpha-numeric	No edit		
To Place (City) (State)	135-146 135-144 145-146	alpha-numeric	To City (pos. 134-146) cannot equal all blanks or all zeros.	Reject Invoice	0169
Reserved	147-148	numeric	No edit		
Settlement Code	149	alpha-numeric	Settlement Code must be "3", "5", "6", "8", "9", "G", "J", "K", "L", "N", "P", "Q" or "R".	Reject Invoice	0171
Carrier Identification	150-152	numeric	No edit		
IC Specific	153-157	numeric	No edit		
Indicator 21	158	numeric	No edit.		
Indicator 22	159	numeric	Indicator 22 must be "3".	Warning	0123
Indicators 23 – 24	160-161	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Indicator 25	162	numeric	<p>Indicator 25 must be "0", "1" or "2".</p> <p>If Indicator 18 is "0", then Indicator 25 must be "0".</p> <p>If Indicator 18 is "1", then Indicator 25 must be "1" or "2".</p> <p>If Indicator 25 is equal to "2" :</p> <p style="padding-left: 40px;">If the 015121 Invoice Billing Type is equal to "9":</p> <p style="padding-left: 80px;">The previous record must be an 81-xx-xx record type and the previous record must have Indicator 25 equal to "1" or "2"</p> <p style="padding-left: 40px;">Else (if the 015121 Invoice Billing Type is not equal to "9"):</p> <p style="padding-left: 80px;">The previous record must be an 81-xx-xx record type and the previous record must have Indicator 25 equal to "1".</p>	Reject Invoice	0125
Indicator 26	163	numeric	No edit		
Indicator 27	164	numeric	Indicator 27 must be "0", "1", "6", "7" or "9".	Reject Invoice	0174
Indicator 28	165	numeric	<p>If Invoice Billing Type (015121) is not "9", then Indicator 28 must be "0".</p> <p>If Invoice Billing Type (015121) is "9", then Indicator 28 must be one of the following values:</p> <p style="padding-left: 40px;">0 = toll charge</p> <p style="padding-left: 40px;">1 = airtime charge</p> <p style="padding-left: 40px;">2 = taxes</p> <p style="padding-left: 40px;">3 = other charge.</p>	Reject Invoice	0176
Indicator 29	166	numeric	<p>If Invoice Billing Type is "9",</p> <p style="padding-left: 40px;">Indicator 29 must be "0", "1", "5" or "9"</p> <p>Else</p> <p style="padding-left: 40px;">Indicator 29 must be "0" or "9".</p>	Reject Invoice	0175



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Indicator 30	167	numeric	Indicator 30 must contain a valid value: 0 = Use default billable unit of minutes (if not Mobility) or units ( if Mobility) 1 = Billable unit is minutes 2 = Billable unit is messages 3 = Billable unit is kilobytes	Reject Invoice	5911
			The value of Indicator 30 must be consistent for all Category 81/82 records within a bill section. (A bill section of an invoice begins with an 015121 or 015127 record that is a new heading or total; i.e., Phrase Type of B,S, H, T, U or V.)	Reject Invoice	5912
Reserved for Local Company Use	168-175	numeric	No edit		
IC Specific	176-184	alpha-numeric	No edit		
Bill Line Attribute	185	Alpha-numeric	Must be blank, zero, or "2". Note:"2" indicates that the amount should be printed in bold font. Blank and zero are default settings for "not applicable".	Reject Invoice	0109
IC Specific	186-187	alpha-numeric	No edit		
From Number Overseas Overflow Digits	188-193	numeric	Must be numeric.	Reject Pack	0186
			Must be populated in agreement with the value of the International Expansion Indicator:		
			<ul style="list-style-type: none"> <li>o If International Expansion Indicator is "0" or "2", must be all zeros.</li> <li>o If International Expansion Indicator is "1" or "3", must be populated in agreement with From Number Length (i.e., the number of trailing zeros must be appropriate for From Number Length).</li> </ul>	Reject Invoice	0187
				Reject Invoice	0188

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
To Number Overseas Overflow Digits	194-199	numeric	Must be numeric	Reject Invoice	0189
			Must be populated in agreement with the value of the International Expansion Indicator:		
			<ul style="list-style-type: none"> <li>o If International Expansion Indicator is "0" or "1", must be all zeros.</li> <li>o If International Expansion Indicator is "2" or "3", must be populated in agreement with To Number Length (i.e., the number of trailing zeros must be appropriate for To Number Length).</li> </ul>	Reject Invoice	0190
				Reject Invoice	0191
International Expansion Indicator	200	numeric	Valid values are: 0 = To and From Number Overseas Overflow Digits are <u>not</u> populated. 1 = Only From Number Overseas Overflow Digits are populated. 2 = Only To Number Overseas Overflow Digits are populated. 3 = Both To and From Number Overseas Overflow Digits are populated.	Reject Invoice	0192
			If From Number Length is greater than 10, International Expansion Indicator must be "1" or "3".	Reject Invoice	0193
			If To Number Length is greater than 10, International Expansion Indicator must be "2" or "3".	Reject Invoice	0194
Reserved	201-203	numeric	No edit		
Carrier Id Expanded	204-207	numeric	Carrier Id Expanded must match the pack header (202205).	Reject Invoice	0172
Reserved	208-211		No edit.		
Amount Indicator (IC Specific)	212	alpha-numeric	Amount Indicator must be "0" or "1".	Reject Invoice	0181
Plan Indicator (IC Specific)	213-214	alpha-numeric	Pos. 213: Uppercase alphabetic (A-Z) only and space Pos. 214: Uppercase alphabetic (A-Z), numeric (0-9) and space only (Lower case alphabetic values and special characters are not allowed; first character may not be numeric.)	Reject Invoice	0150
			Plan Indicator cannot be any of the following values: CR, FU, BS, MF alphabetic "O" followed by a blank		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Amount Text (IC Specific)	215-220	alpha- numeric	If Amount Indicator is "0", then Amount Text cannot be all spaces.	Reject Invoice	0182
			If Amount Indicator is "1", then Amount Text must be all spaces.	Reject Invoice	0180

**Attachment VI - EMI Customer Credit Edits – 82xxxx**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Multiple	001-014 025-029 040-069 072-074 078-101 150-152 158-175	numeric	Positions 1-14, 25-29, 40-69, 72-74, 78-101, 150-152 and 158-175 must be numeric.	Warning	0102
Record Id	001-006	numeric	Valid Record Ids are: 820101      820201      820501      820701 820104                              820504 820116                              820516 820117      820217      820517 820118      820218      820518 820132      820232      820532      820732 820135                              820535 820137                              820537 820180      820280	Reject Pack	0140
Record Id	001-006	alpha-numeric	Usage for toll free services (81-xx-04 or 82-xx-04) must be segregated from other usage by assigning different Bill Sub-Category values. Within a given Bill Category/Bill Sub-Category combination, the usage records Record IDs must be:  <ul style="list-style-type: none"> <li>• All non-toll-free charges and credits (81-xx-xx except 81-xx-04 and/or 82-xx-xx except 82-xx-04); <b>OR</b></li> <li>• All toll free charges and credits (only 81-xx-04 and/or 82-xx-04)</li> </ul>	Reject Invoice	0112
Date of Record (yymmdd)	007-012	numeric	Date of Record (message date) must meet the following edits: <ol style="list-style-type: none"> <li>1. Month must be within the range of 01-12.</li> <li>2. Day must be within the range of 01-31 and within the valid maximum for the month.</li> <li>3. Cannot be greater than the current date.</li> <li>4. Cannot be older than the "age of message" specified in the contract.</li> <li>5. Cannot be earlier than the Earliest Message Date on the 015121 record.</li> </ol>	Reject Pack	0141

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
From Number Length	013-014	numeric	Valid values are 00-16.  If International Expansion Indicator is "0" or "2", must be in the range of 00-10.  If International Expansion Indicator = 1 or 3, must be in the range of 11-16.	Reject Invoice	0143
From Number (npanxxline)	015-024	alpha-numeric	If Record Id is not 820180, 820280, 820501, 820517, 820518, 820532, 820701 or 820732, then From Number cannot contain all zeros in the NPANXX portion.  If From Number Length = 16, then leading digit (pos. 15 of the EMI record) must be "0".	Reject Invoice  Reject Invoice	0142  0148
Local Company Use	025-027	numeric	No edit		
To Number Length	028-029	numeric	Valid values are 00-16.  If International Expansion Indicator is 0 or 1, must be in the range of 00-10.  If International Expansion Indicator is 2 or 3, must be in the range of 11-16.	Reject Invoice	0147

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
To Number (npanxxline)	030-039	alpha-numeric	<p>To Number must meet the following edits:</p> <ol style="list-style-type: none"> <li>1. If Invoice Billing Type (on the 015121) is not “9”, then TO NPANXX cannot equal all zeros.</li> <li>2. If To NPA is “700” or “900”, then Record ID must be 810116 or 810516.</li> <li>3. If To NPA is a toll free NPA (i.e., “800”, “888”, “877”, “866”, “855”, “844”, “833” Or “822”), then Message Type must be “2” or “3”. The exceptions to this are 81xx80 and 81xx04 records, which may terminate to a toll free NPA irrespective of the Message Type.</li> </ol> <p style="color: red;">If not Lightspeed:</p> <ol style="list-style-type: none"> <li>4. To Number must be numeric</li> <li>5. The length of the To Number field must match the number of digits specified in the To Number Length. Since ‘To Number’ must be numeric, any remaining digits must be filled with zeroes. (ex. If To Number Length is “05”, then digits 6-10 of the To Number field must equal zeros.</li> </ol> <p style="color: red;">If Lightspeed</p> <ol style="list-style-type: none"> <li>4. To Number must be a valid alphanumeric character. (Valid values are all upper and lower case alphabetic characters (A-Z, a-z), numbers (0-9), a space, an asterisk (*), a pound sign (#) and a slash or virgule (/).</li> <li>5. The length of the To Number field must match the number of digits specified in the To Number Length. Since the ‘To Number’ can be alphanumeric, any remaining digits must be filled with zeroes or spaces. (ex. If To Number Length is ‘05’, then digits 6-10 of the To Number field must be zeroes or spaces).</li> <li>6. If the record type is 8102xx or 8107xx, the first digit of the To Number (pos. 30) must be zero.</li> <li>7. If To Number Length = 16, the leading digit (pos. 30) must be zero.</li> <li>8. To Number NPA may not be “900” if the Settlement Code is “J”, “6” or “8”.</li> </ol>	Reject Invoice	                    0144                    0149                    0177
Credit Amount	040-046	numeric	Credit Amount must be greater than or equal to zero.	Reject Invoice	0145

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Type of Regulation Indicator	047	numeric	Must be one of the following values: 0 = No requirement exists (used on records without billable charges) 1 = Regulated toll 2 = Regulated non-toll 3 = Non-regulated non-toll 4 = Non-regulated toll  Value 0 is only valid if Charge (pos. 40-46) is equal to zero and if Indicator 13 is equal to "0" (i.e., when the record does not contain a billable charge or tax).	Reject Invoice	0137
State Tax Local Tax	048-051 052-054	numeric numeric	State Tax and Local Tax are edited as follows: 1. If Indicator 13 = 0, 5, or 7, then State Tax and Local Tax must be zero. 2. If Indicator 13 = 1, then State Tax must be greater than zero and Local Tax must be zero. 3. If Indicator 13 = 2, then both State Tax and Local Tax must be greater than zero. 4. If Indicator 13 = 3, then State Tax must be zero and Local Tax must be greater than zero.	Reject Invoice	0146
Connect Time (hhmmss)	055-060	numeric	Connect Time must meet the following edits: 1. Hour must be in the range of 00-23, Minutes must be in the range of 00-59, Seconds must be in the range of 00-59. 2. If Hour is not available, the Hour will be set to 25. 3. If Minutes are not available, the Minutes will be set to 99. 4. If Seconds are not available, the Seconds will be set to 99.	Reject Invoice	0151
Credit Time (mmmsst)	061-067	numeric	Credit Time must be numeric and cannot equal zeros. If Indicator 6 = "2" or "3", then Credit Seconds must be equal to 00-59.	Reject Invoice Reject Invoice	0152 0153
Method of Recording	068-069	numeric	No edit		
Return Code	070-071	numeric	Return Code must be equal to zeros.	Reject Invoice	0111
Local Company Information	072-074	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code																																												
Code Override	075-077	Alpha-numeric	<p>Code Override may be 1-, 2- or 3-characters but characters must be used from left to right (i.e., no leading or imbedded spaces are allowed; trailing spaces are allowed).</p> <p>All <u>non-blank</u> characters must be either numeric (0-9) or upper case alphabetic (A-Z) values. Lower case alphabetic values (a-z) and special characters are not allowed.</p> <p>The following 2-character codes followed by a single blank are <u>not</u> valid:            BJ, BS, CR, FB, FU and MF.</p> <p>The following 3-character codes are <u>not</u> valid:</p> <table border="0"> <tr> <td>ASS</td> <td>DIC</td> <td>GAS</td> <td>SOB</td> </tr> <tr> <td>BFD</td> <td>DIE</td> <td>GAY</td> <td>SUC</td> </tr> <tr> <td>BFE</td> <td>DIK</td> <td>HAG</td> <td>SUK</td> </tr> <tr> <td>BRA</td> <td>DUI</td> <td>NIP</td> <td>SUX</td> </tr> <tr> <td>BUD</td> <td>DUM</td> <td>PEE</td> <td>TAX</td> </tr> <tr> <td>BUN</td> <td>DWI</td> <td>PIS</td> <td>TIT</td> </tr> <tr> <td>BUT</td> <td>FAG</td> <td>POO</td> <td>WAR</td> </tr> <tr> <td>CON</td> <td>FAT</td> <td>POS</td> <td>WET</td> </tr> <tr> <td>CRS</td> <td>FIB</td> <td>PRO</td> <td>YES</td> </tr> <tr> <td>CUM</td> <td>FUC</td> <td>SEX</td> <td>YUC</td> </tr> <tr> <td>DAM</td> <td>FUK</td> <td>SIN</td> <td>YUK</td> </tr> </table>	ASS	DIC	GAS	SOB	BFD	DIE	GAY	SUC	BFE	DIK	HAG	SUK	BRA	DUI	NIP	SUX	BUD	DUM	PEE	TAX	BUN	DWI	PIS	TIT	BUT	FAG	POO	WAR	CON	FAT	POS	WET	CRS	FIB	PRO	YES	CUM	FUC	SEX	YUC	DAM	FUK	SIN	YUK	Reject Invoice	0108
ASS	DIC	GAS	SOB																																														
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Indicators 1 – 5	082-086	numeric	No edit																																														



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Indicator 6	087	numeric	Valid values are "0", "1", "2", "3", "7" and "8". 1. If Indicator 6 = "1", then <u>only</u> Billable Minutes have been rounded (not seconds). 2. If Indicator 6 = "3", then AT&T only prints tenths of minute. 3. If Indicator 6 = "7", then Billable Time is not rounded. AT&T prints minutes and seconds (tenths of second are truncated). 4. If Indicator 6 = "8", then SWB prints whole minutes only.	Reject Invoice	0116
Indicator 7	088	numeric	No edit		
Indicator 8	089	numeric	Indicator 8 must be "7".	Warning	0117
Indicators 9 – 13	090-094	numeric	No edit		
Indicator 14	095	numeric	Indicator 14 must be "7".	Reject Pack	0118
Indicator 15	096	numeric	Indicator 15 must be "5".	Warning	0119
Indicators 16 – 17	097 – 098	numeric	No edit		
Indicator 18	099	numeric	Indicator 18 must be "0" or "1".  If the Record ID is 82-xx-04, then Indicator 18 must be "0".	Reject Invoice  Reject Invoice	0120  0114
Indicators 19 - 20	100-101	numeric	No edit		
Obligation Id	102-109	numeric	Obligation Id must match the pack header (202205).	Reject Invoice	0163
Billing RAO	110-112	numeric	Billing RAO must match the pack header (202205).	Warning	0164
Billing Number (npanxxline)	113-122	numeric	If Invoice Billing Type (015121) is not "9", then Billing Number NPANXX cannot be all zeros.  If Invoice Billing type (015121) is "9", then Billing Number NPANXX cannot be all zeros.	Warning  Reject Invoice	0165  0168
From Place	123-134	alpha-numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
To Place (City) (State)	135-146 135-144 145-146	alpha- numeric	To City (pos. 134-144) cannot equal all blanks or all zeros.	Reject Invoice	0169
Reserved	147 – 148	numeric	No edit		
Settlement Code	149	alpha- numeric	Settlement Code must be 3, 5, 6, 8, 9, G, J, K, L, N, P, Q or R.	Reject Invoice	0171
Carrier Identification	150 – 152	numeric	No edit		
IC Specific	153 – 157	alpha- numeric	No edit		
Indicator 21	158	numeric	No edit		
Indicator 22	159	numeric	Indicator 22 must be "3".	Warning	0123
Indicators 23 – 24	160 – 161	numeric	No edit		
Indicator 25	162	numeric	Indicator 25 must be "0", "1" or "2".  If Indicator 18 is "0", then Indicator 25 must be "0". If Indicator 18 is "1", then Indicator 25 must be "1" or "2". If Indicator 25 is equal to "2": If the 015121 Invoice Billing Type is equal to "9": The previous record must be an 81-xx-xx record type and the previous record must have Indicator 25 equal to "1" or "2" Else (if the 015121 Invoice Billing Type is not equal to "9": The previous record must be an 81-xx-xx record type and the previous record must have Indicator 25 equal to "1".	Reject Invoice	0125
Indicator 26	163	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Indicator 27	164	numeric	Indicator 27 must be "0", "1", "6", "7" or "9".	Reject Invoice	0174
Indicator 28	165	numeric	If Invoice Billing Type (015121) is not "9", then Indicator 28 must be "0". If Invoice Billing Type (015121) is "9", then Indicator 28 must be one of the following values: 0 = toll charge 1 = airtime charge 2 = taxes 3 = other charge	Reject Invoice	0176
Indicator 29	166	numeric	If Invoice Billing Type is "9", Indicator 29 must be "0", "1", "5" or "9" Else Indicator 29 must be "0" or "9".	Reject Invoice	0175
Indicator 30	167	numeric	Indicator 30 must contain a valid value: 0 = Use default billable unit of minutes (if not Mobility) or units ( if Mobility) 1 = Billable unit is minutes 2 = Billable unit is messages 3 = Billable unit is kilobytes  The value of Indicator 30 must be consistent for all Category 81/82 records within a bill section. (A bill section of an invoice begins with an 015121 or 015127 record that is a new heading or total; i.e., Phrase Type of B,S, H, T, U or V.)	Reject Invoice  Reject Invoice	5911  5912
Reserved for Local Company Use	168-172	numeric	No edit		
Type of Credit	173	numeric	No edit		
Original Category	174 – 175		No edit		
IC Specific	176-184	alpha-numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Bill Line Attribute	185	Alpha-numeric	Must be blank, zero, or "2". Note: "2" indicates that the amount should be printed in bold font. Blank and zero are default settings for "not applicable".	Reject Invoice	0109
IC Specific	186-187	alpha-numeric	No edit		
From Number Overseas Overflow Digits	188-193	numeric	Must be numeric. Must be populated in agreement with the value of the International Expansion Indicator: <ul style="list-style-type: none"> <li>o If International Expansion Indicator is "0" or "2", must be all zeros.</li> <li>o If International Expansion Indicator is "1" or "3", must be populated in agreement with From Number Length (i.e., the number of trailing zeros must be appropriate for From Number Length).</li> </ul>	Reject Pack Reject Invoice Reject Invoice	0186 0187 0188
To Number Overseas Overflow Digits	194-199	numeric	Must be numeric. Must be populated in agreement with the value of the International Expansion Indicator: <ul style="list-style-type: none"> <li>o If International Expansion Indicator is "0" or "1", must be all zeros.</li> <li>o If International Expansion Indicator is "2" or "3", must be populated in agreement with To Number Length (i.e., the number of trailing zeros must be appropriate for To Number Length).</li> </ul>	Reject Invoice Reject Invoice Reject Invoice	0189 0190 0191
International Expansion Indicator	200	numeric	Valid values are: 0 = To and From Number Overseas Overflow Digits are <u>not</u> populated. 1 = Only From Number Overseas Overflow Digits are populated. 2 = Only To Number Overseas Overflow Digits are populated. 3 = Both To and From Number Overseas Overflow Digits are populated.  If From Number Length is greater than 10, International Expansion Indicator must be "1" or "3".  If To Number Length is greater than 10, International Expansion Indicator must be "2" or "3".	Reject Invoice Reject Invoice Reject Invoice	0192 0193 0194

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Reserved	201 – 203	numeric	No edit		
Carrier Id Expanded	204-207	numeric	Carrier Id Expanded must match the pack header (202205).	Reject Invoice	0172
Reserved	208-211		No edit.		
Amount Indicator (IC Specific)	212	alpha-numeric	Amount Indicator must be "1".	Reject Invoice	0181
Plan Indicator (IC Specific)	213-214	alpha-numeric	Pos. 213: Uppercase alphabetic (A-Z) only and space Pos. 214: Uppercase alphabetic (A-Z), numeric (0-9) and space only (Lower case alphabetic values and special characters are not allowed; first character may not be numeric.)  Plan Indicator cannot be any of the following values: CR, FU, BS, MF, alphabetic "O" followed by a blank	Reject Invoice	0150
Amount Text (IC Specific)	215-220	alpha-numeric	Must be all spaces.	Reject Invoice	0183

### Attachment VII - EMI Invoice Adjustment Edits – 015124

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	Record Id must be "015124".	Reject Pack	5180
Multiple Summary Indicator	007	numeric	No edit		
Master Billing Number	008-017	alpha-numeric	<p>If Format Indicator (pos. 148) not = "L",  Master Billing Number must be greater than zero.</p> <p>If Format Indicator (pos. 148) = "L",  Master Billing Number cannot be all spaces (i.e., some non-blank data must be populated in the field).</p> <p>If Indicator 29 (pos. 146) = 9:</p> <ul style="list-style-type: none"> <li>o If the NPA of the Billing Number = 150, 165 or 166, then Company Number (pos. 54-55) must = 42.</li> <li>o If the NPA of the Billing Number = 065, 088 or 250, then Company Number (pos. 54-55) must = 40.</li> </ul>	Reject Pack  Reject Adjustment	5101  5032
Customer Code	018-020	numeric	Customer Code must be numeric.	Reject Adjustment	5112
IC Account Number and IC Account Number Overflow	021-028  029-030	alpha-numeric	No edit.		
IC Account Number	021-028	alpha-numeric	IC Account Number must be populated (i.e., cannot be all blanks).	Warning	5138
IC Account Number Overflow	029-030	alpha-numeric	IC Account Number Overflow must be populated (i.e., cannot be all blanks).	Warning	5139

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
IC Customer Type	031	numeric	Must equal one of the following values: 0 = Wireless 1 = Residence 2 = Business	Reject Adjustment	5156
Billing Date (yymmdd)	032-037	numeric	Billing Date must meet the following edits: 1. YY must be current year plus or minus one. 2. MM must be in the range of 01-12. 3. DD must be in the range of 01-31 and within the valid maximum for the month. ( <b>NOTE:</b> 29 is always the valid maximum for February.)	Reject Pack	5103
IC Extraction Date (yymmdd)	038-043	numeric	IC Extraction Date (YYMMDD format) must meet the following edits: 1. YY must be current year or previous year and not over one year old. 2. MM must be in the range of 01-12. 3. DD must be in the range of 01-31 and within the valid maximum for the month. 4. Must equal less than or equal to the current date.	Reject Pack	5102
Obligation Id	044-051	alpha-numeric	Obligation Id must match the pack header (202205).	Reject Pack	5104
Invoice Number	052-053	numeric	Invoice Number must match the pack header (202205).	Reject Adjustment	5109
Company Number	054-055	numeric	Company Number must match the pack header (202205).	Reject Adjustment	5105
Billing RAO Send To RAO	056-058 059-061	numeric	Billing RAO and Send To RAO must match the pack header (202205).	Reject Adjustment	5106
Carrier Identification	062-064	numeric	No edit		
IC Return Code 1	065-068	numeric	IC Return Code 1 must equal zeros.	Reject Adjustment	5108

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Type of Regulation Indicator	069	numeric	Used to identify if adjustment was for a regulated or non-regulated charge: 1 = Regulated toll 2 = Regulated Non-toll 3 = Non-regulated Toll 4 = Non-regulated Non-toll	Reject Adjustment	5178
Carrier Id Expanded	070-073	numeric	Carrier Id Expanded must match the pack header (202205).	Reject Pack	5107
Indicator 14	074	numeric	Indicator 14 must be "7" and must match the pack header (202205).	Reject Adjustment	5134
Adjustment Text Code	75-79	numeric	No edit		
Indicator 29	080	numeric	No edit		
Reserved	081-083	numeric	No edit		
Format Indicator	084	alpha-numeric	Must be equal to "0" (regional format) or "e" (Enterprise format) or "L" (Enterprise Lightspeed format).  If processing in the Lightspeed division, then Format Indicator must = 'L'. If Format Indicator = 'L', then must be processing in the Lightspeed division.	Reject Adjustment	5157
Local Company Use	085-094		No edit		
Reserved	095-116	numeric	No edit		
Settlement Code	117	alpha-numeric	No edit		
IC Reason Code	118-120	alpha-numeric	IC Reason Code cannot equal blanks.	Reject Adjustment	5193



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Date of Record (yymmdd)	121-126	numeric	Date of Record must meet the following edits: 1. YY must be numeric. 2. MM must be in the range of 01-12. 3. DD must be in the range of 01-31 and within the valid maximum for the month. 4. Must equal less than the current date.	Reject Adjustment	5188
Adjustment Amount	127-135	signed numeric	Adjustment Amount must be numeric.	Reject Pack	5189
Federal Tax	136-142	signed numeric	Federal Tax amount must be numeric.	Reject Pack	5190
State/Local Tax	143-149	signed numeric	State/Local Tax amount must be numeric.	Reject Pack	5191
Adjustment Total	150-158	signed numeric	Adjustment Total must equal the sum of Adjustment Amount, Federal Tax amount and State/Local Tax amount.	Reject Pack	5192
Adjustment Date (yymmdd)	159-164	numeric	Date/Time Stamp (YYMMDDHHMMSS) must meet the following edits: 1. Year must be numeric. 2. Month must be in the range of 01-12. 3. Day must be in the range of 01-31 and within the valid maximum for the month. 4. Hour must be in the range of 00-23. 5. Minutes must be in the range of 00-59. 6. Seconds must be in the range of 00-59.	Reject Adjustment	5133
Adjustment Time (hhmmss)	165-170	numeric			
IC Claim Line Number	171-172	alpha-numeric	No edit		
Adjustment Status	173	alpha-numeric	No edit		
IC Claim Number	174-185	alpha-numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Treatable Indicator	186	numeric	Must equal one of the following values: 0=no requirements exist (use for all records that do not carry billable amounts) 1 = non-deniable 2 = local service deny 3 = toll deny 4 = both toll and local service deny	Reject Pack	5910
LSPID	187-190	alpha-numeric	No edit		
Reserved	191-202	numeric	No edit		
IC Data Center	203-204	numeric	No edit		
Billing Inventory Number	205-212	alpha-numeric	No edit		
IC Return Code 2	213-216	numeric	No edit		
IC Return Code 3	217-220	numeric	No edit		
<b>The following edits are related to combination of fields.</b>					
Invoice Customer Type IC Reason Code Adjustment Total	031 118-120 150-158		If 'Invoice Customer Type' = '0' and 'IC Reason Code' = '999' then 'Adjustment Total' must be less than or equal to 0.	Reject Invoice	5195

**Attachment VIII - EMI Invoice Text Edits**  
**Marketing Message Text – 435102**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	Record Id must be 435102 for all records in the pack.	Reject Pack	4301
Date Created (yymmdd)	007-012	numeric	Date Created must meet the following edits: 1. Year must be current year plus or minus one. 2. Month must be in the range of 01-12. 3. Day must be in the range of 01-31 and within the valid maximum for the month.	Reject Pack	4308
Date Data Applies (yymm)	013-016	numeric	Date Data Applies month and year must be greater than or equal to the current month and year.  Date Data Applies must meet the following edits: 1. Year must be current or next year. 2. Month must be in the range of 01-12. 3. Date must be the same for every record within the pack.	Reject Pack  Reject Pack	4302  4303
Time Created (hhmm)	017-020	numeric	Time Created 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	4309
Message Location	021	numeric	If Indicator 29 on the pack header (202205 record) ‘ 9” If Client ID on the pack header (202205 record) = “8010” or “8011” Must equal “0” Else Must equal “1” (top) or “2” (bottom) Else Must equal “0”, “1” or “2”.  <i>Note: The West offers both “top” and “bottom” locations but requires Cingular to use value “0”. The Southwest and East will accept all three values but will print all marketing messages in the “top” location, regardless of the value populated in this field.</i>	Reject Pack	4320

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Local IC Information	022-027	numeric	No edit		
Reserved	028-034	numeric	No edit		
Message Code	035-039	alpha-numeric	The default message must be present within the pack. The default message is designated by Message Code "99999".	Reject Pack	4306
			All lines of the same Marketing Message (i.e., with the same Message Code) must be present and in the correct sequence. That is, the Sequence Number and Count of Message Lines must follow the sequence. <b>Ex.</b> 1 of 6, 2 of 6, 3 of 6, 4 of 6, 5 of 6 and 6 of 6.  <b>NOTE:</b> The Message Code is <u>not</u> edited to ensure that it is fully populated. However, the corresponding field on the 01-51-21 which requests this message <u>is</u> edited so that only codes which are five alphanumeric characters may be requested.	Reject Pack	4307
Message Text Sequence Number	040-041	numeric	Message Text Sequence Number must be within the range of 01- 30.	Reject Pack	4325
			Message Text Sequence Number is verified to ensure that all records are present for the message code. ( <b>Ex.</b> If Count of Message Lines is 6, then the Sequence Numbers should be 1 of 6, 2 of 6, 3 of 6, 4 of 6, 5 of 6 and 6 of 6.)	Reject Pack	4328
Count of Message Lines	042-043	numeric	Count of Message Lines must be within the range of 01- 30.	Reject Pack	4326
			Count of Message Lines is verified to ensure that the appropriate number of records is included for the message code. ( <b>Ex.</b> If Count of Message Lines is 6, then 6 435102 records should be present for the message code; 1 of 6, 2 of 6, 3 of 6, 4 of 6, 5 of 6 and 6 of 6.)	Reject Pack	4327
Message Text	044-118	alpha-numeric	Message Text cannot exceed 65 characters (i.e., positions 109-118 must contain spaces) <b>if the text is used for Telco billing..</b>  <b>Message Text cannot exceed 60 characters (i.e., positions 104-118 must contain space) if the text is used for Lightspeed.</b>	Reject Pack	4350

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Reserved	119-148	numeric	No edit		
Indicator 14	149	numeric	Indicator 14 must be "7" and match the pack header (202205).	Reject Pack	4333
Carrier Id Expanded	150-153	numeric	Carrier Id Expanded must match the pack header (202205).	Reject Pack	4305
Reserved	154 – 206	numeric	No edit		
Message Status Indicator	207	alpha-numeric	No edit		
Language Indicator	208	alpha-numeric	Must equal space, zero, "E" or "S".	Reject pack	4321
Reserved	209 -212	numeric	No edit		
IC Return Code 1	213 – 216	numeric	No edit		
IC Return Code 2	217 – 220	numeric	No edit		

**Phrase Text – 435104**

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Record Id	001-006	alpha-numeric	Record Id must be 435104 for all records in the pack.	Reject Pack	4301
Date Created (yymmdd)	007-012	numeric	Date Created must meet the following edits: 1. Year must be current year plus or minus one. 2. Month must be in the range of 01-12. 3. Day must be in the range of 01-31 and within the valid maximum for the month.	Reject Pack	4308
Date Data Applies (yymm)	013-016	numeric	Date Data Applies month and year must be greater than or equal to the current month and year.	Reject Pack	4302
			Date Data Applies must meet the following edits: 1. Year must be current or next year. 2. Month must be in the range of 01-12. 3. Date must be the same for every record within the pack.	Reject Pack	4303
Time Created (hhmm)	017-020	numeric	Time Created 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	4309
Local IC Information	021 – 027	numeric	No edit		
Reserved	028 – 034	numeric	No edit		
Phrase Message Code	035-039	alpha-numeric	<b>NOTE:</b> The Phrase Message Code is <u>not</u> edited to ensure that it is fully populated. However, the corresponding field on the 01-51-27 which requests this message <u>is</u> edited so that only codes which are five alphanumeric characters (A-Z, 0-9, excluding blanks and special characters) may be requested.		
Phrase Text	040-099	alpha-numeric	For Variable Descriptor #n (n = 1-7): If Variable #n Start Position is greater than 00, then ensure that the Phrase Text contains all blanks beginning at the Variable #n Start Position for the number of bytes specified by Variable #n Length.	Reject Pack	4316

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Count of Variables Used	100	numeric	Count of Variables Used must equal the variable descriptors populated within the record.	Reject Pack	4332
Font Indicator	101-102	alpha-numeric	<p>Font Indicator must equal one of the following values:</p> <ul style="list-style-type: none"> <li>10 – bold fixed font</li> <li>20 – bold fixed font with underscores</li> <li>30 – normal fixed font</li> <li>31 – normal proportional font</li> <li>40 – italicized fixed font</li> <li>50 – normal fixed font with underscores</li> <li>60 – italicized fixed font with underscores</li> <li>70 – bold italicized fixed font</li> </ul> <p><b><u>West Region Overrides:</u></b></p> <p><i>The West bill format process requires bold fonts (with or without underscores) for heading lines and does not accept bold fonts on non-heading lines, as designated by the Phrase Type on the 015127 record that requests a specific Phrase Message Code. As a result of these limitations, the West will selectively override fonts as follows:</i></p> <p><b><u>For Phrase Types B, S, H, C and A:</u></b></p> <ul style="list-style-type: none"> <li>o <i>Fonts 30, 40 and 70 will be overridden to Font 10 (bold)</i></li> <li>o <i>Fonts 50 and 60 will be overridden to Font 20 (bold with underscores)</i></li> </ul> <p><b><u>For Phrase Types D, I, T, U, 2, 3 and 4:</u></b></p> <ul style="list-style-type: none"> <li>o <i>Font 10 will be overridden to Font 30 (normal)</i></li> <li>o <i>Font 20 will be overridden to Font 50 (normal with underscores)</i></li> <li>o <i>Font 70 will be overridden to Font 40 (Italics)</i></li> </ul>	Reject Pack	4319
Reserved	103 - 148	numeric	No edit		
Indicator 14	149	numeric	Indicator 14 must be "7" and must match the pack header (202205).	Reject Pack	4333
Carrier Identification	150 – 152	numeric	No edit		

Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
Variable Descriptors 1-7 LL1 – LL7	153-180	numeric	For Variable Descriptor #n (n = 1-7): <ul style="list-style-type: none"> <li>○ If Variable #n Start Position is greater than 00, then Variable #n Length must be greater than 00.</li> <li>○ If Variable #n Start Position, of 00-60.</li> <li>○ If Variable #n Length must be numeric and within the range of 00-10.</li> <li>○ If Variable #n Start Position is equal to 00, then Variable #n Length must also be equal to 00.</li> <li>○ If Variable #n Length is equal to 00, then Variable #n Start Position must also be equal to 00.</li> <li>○ If Variable #n Start Position is greater than 00, then the sum of Variable #n Start Position and Variable #n Length must be less than or equal to 61.</li> </ul>	Reject Pack	4310 4311 4312 4313 4314 4315
Variable Descriptors 2-7 PP2 – PP7	157-180	numeric	For Variable Descriptor 2 through 7, where Variable #x precedes Variable #n (i.e., if Variable #n is Variable #3 then Variable #x is Variable #2): <ul style="list-style-type: none"> <li>○ If Variable #n Start Position is greater than 00, then Variable #n Start Position must be greater than or equal to the sum of Variable #x Start Position plus Variable #x Length.</li> <li>○ If Variable #n Start Position is equal to 00, then Variable #x Start Position must be equal to 00 and Variable #x Length must be equal to 00.</li> </ul>	Reject Pack	4317 4318
Carrier Id Expanded	181-184	numeric	Carrier Id Expanded must match the pack header (202205).	Reject Pack	4305
Reserved	185 – 206	numeric	No edit		
Message Status Indicator	207	alpha-numeric	No edit		
Language Indicator	208	alpha-numeric	No edit		
Reserved	209 – 212	numeric	No edit		
IC Return Code 1	213 – 216	numeric	No edit		



Field Name	Position(s)	Data Type	Error Description	Error Action	Error Code
IC Return Code 2	217 – 220	numeric	No edit		

### Attachment IX - Return Code Assignment

Return codes can be assigned either by the Data Entry program or by the Billing system (if the invoice passes all data entry edits, but is later determined to be unbillable or unguidable). See Attachments E10 and E11 for details of return code assignment.

#### 015121 Return Code Population – Relevant Fields

Field Name	Position(s)	Description
IC Return Code 1	65-68	Return Code Populated by data entry or billing
IC Return Code 2	213-216	Not used – zero filled
IC Return Code 3	217-220 217  218-220	AT&T Telco Assigned Value X = Originating Program 1 = MTECS (not applicable in IB001) 2 = FALCON (n/a in IB001) 3 = Message File (IB001) 4 = CRUDE (AC234) 5 = Data Entry (AI830)  DDD = The DDD of the Julian Date of the CRIS Cycle Date

#### 015127 Return Code Population – Relevant Fields

Field Name	Position(s)	Description
IC Return Code 1	65-68	Return Code Populated by data entry or billing
IC Return Code 2	213-216	Not used – zero filled
IC Return Code 3	217-220	Not used – zero filled

#### 81xxxx and 82xxxx Return Code Population – Relevant Fields

Field Name	Position(s)	Description
Return Code	70-71	Return Code Populated by data entry

#### 015124 Return Code Population – Relevant Fields

Field Name	Position(s)	Description
IC Return Code 1	65-68	Return Code Populated by data entry or billing
IC Return Code 2	213-216	Not used – zero filled
IC Return Code 3	217-220 217  218-220	AT&T Telco Assigned Value X = Originating Program 1 = MTECS (not applicable in IB001) 2 = FALCON (n/a in IB001) 3 = Message File (IB001) 4 = CRUDE (AC234) 5 = Data Entry (AI830)  DDD = The DDD of the Julian Date of the CRIS Cycle Date

## Attachment X - Data Entry Return Code Assignments

This attachment provides the details of return code assignment by the Data Entry program. The invoice or adjustment will be returned to the B&C customer via the Reject return file.

Refer to the preceding attachments for an explanation of the specific edits and error codes.

### Invoice Records

The following rules apply to return codes assigned to invoice records.

#### 015121 Records

1. If this record is in error, regardless of other errors in the invoice, the appropriate return code (typically in the "51xx" range) will be assigned for the single error on the record. If multiple errors are encountered on this record, the return code will be set to "5199".
2. If this record is not in error and the invoice only contains errors on 81xxxx and/or 82xxxx records, the return code will be set to "0100".
3. If this record is not in error and the invoice only contains errors on 015127 records, the return code will be set to "5100".
4. If this record is not in error and the invoice contains both summary (015127) record errors and detail (81xxxx and/or 82xxxx) record errors, the return code will be set to "9900".
5. If there are no errors in the invoice, the return code will be set to "0000".

#### 015127 Records

1. If this record is in error, regardless of other errors in the invoice, the appropriate return code (typically in the "51xx" or "57xx" ranges) will be assigned for the single error on the record. If multiple errors are encountered on this record, the return code will be set to "5799".
2. If this record is not in error, the return code will be set to "0000".

#### 81xxxx and 82xxxx Records

1. If this record is in error, regardless of other errors in the invoice, the appropriate "xx" return code will be assigned for the single error on the record. If multiple errors are encountered on this record, the return code will be set to "99".
2. If this record is not in error, the return code will be set to "00".

### Invoice Adjustment Records

The following rules apply to return codes assigned to invoice adjustment records.

#### 015124 Records

1. If this record is in error, the appropriate return code (typically in the "59xx" range) will be assigned for the single error on the record. If multiple errors are encountered on this record, the return code will be set to "5199".
2. If this record is not in error, the return code will be set to "0000".

### Warning Errors

Warning errors are not included in any logic to determine return codes. Records and invoices with only warning errors will have "0000" or "00" return codes. Warning errors do not count when determining if multiple errors exist (i.e., do not cause the "99", "9900" or "xx99" return codes).

## Attachment XI - Unbillable/Unguidable Edits & Error Codes

After Data Entry processing is complete, the individual invoices or adjustments are forwarded to the IB processing programs in the appropriate AT&T Telco data center, based on Send To and Billing RAOs.

Guiding occurs in this IB processing stream. Individual invoices and adjustments may be returned as unguidable from this process. The appropriate unguidable error code will be placed in the return code field and the invoice or adjustment will be returned to the B&C customer via the unguidable return from the appropriate AT&T data center. AT&T Telco packs the returns with the 202207 pack header and 202208 pack trailer. Invoices and adjustments are packed separately.

Invoices are retained on master files until the bill period in which the customer bill is pulled. During this time, invoices are re-guided in each cycle. Unguidable returns during this process are rare, but may occur. As with the data which is unguidable at the initial attempt, the returns will have the appropriate return code populated and will be packed and returned from the appropriate AT&T data center.

In the cycle in which an invoice is to be billed, the IB processing programs will repeat some of the edits for the 015127 records which were initially performed in Data Entry. These edits are to ensure that text table changes which may occur between initial Data Entry edits and billing do not adversely affect AT&T Telco's ability to create the invoice. (These edits ensure that the requested text code still exists on the text table and that the text table and invoice agree on the number of variables used, the length and position of the variables, etc.).

When a text error is encountered, AT&T Telco will continue to process the invoice in order to mark all 015127 records which may be in error with the return code which identifies the error. If multiple Phrase Variable text errors exist on a single record, the return code on that 015127 record will be set to "2600". If a single text error exists on the record, the return code on the 015127 is set to the appropriate "26xx" error code. When any text errors occur within an invoice, the return code on the 015121 record will be set to "2683" to signal that the invoice is being returned because of text errors.

The guiding process determines what date to use for guiding. This is referred to the Best Guide Date. The Best Guide is determined as follows:

- If there is any 1+/collect usage on the invoice then the best guide date will be equal to the earliest 1+ or collect usage date.
- If there is no 1+/collect usage and there is calling card usage then the best guide date will be equal to the earliest calling card usage.
- If there is no 1+/collect usage or calling card usage but there is 3<sup>rd</sup> number usage then the best guide date will be equal to the earliest 3<sup>rd</sup> number usage.
- If there is no 1+/collect, 3<sup>rd</sup> number or calling card usage, then populate the best guide date with the date of the invoice (the Earliest Message Date on the 015121 record).
- For an adjustment, 015124, use the 'date of record'.

For guiding purposes, IXC Invoices and adjustments are classified into Categories for the application of the guiding rules.

**Categories**

Category 1 – Invoices with Calling Card and/or 3rd Number messages only.

Category 2 – Invoices with 1+ and Collect messages only.

Category 3 – Invoices with a mixture of both Category 1 and Category 2 Invoices, or Invoices with no usage.

**Return Code Assignment**

<b>Invoice Category</b>	<b>Assigned by IB0</b>	<b>Assigned by CRUDE</b>
1	24XX	28XX
2	25XX	27XX
3	26XX	29XX

## ICBS Rejects

### 015121 Return Codes Related to 015127 Text Edits

For each of these edits performed against the 015127 records, an error on the 015127 will populate a return code on the erred 015127 and on the 015121 record for the invoice.

Error Description	Error Action	015127 Return Code	015121 Return Code
The 015127 record contains more than one of the following return codes: 2615, 2617, 2656, 2657, 2658, 2660, 2661 or 2662.	Reject Invoice	2600	2683
Phrase Text Code on the 015127 must be deployed on the text table. <i>Note: When this edit is repeated within the IC invoice processing functions on bill day, this edit ensures that the corresponding text is deployed to the billing data center.</i>	Reject Invoice	2615	2683
Multiple Variable Counter on the 015127 record must match the phrase information deployed on the text table in the billing location (i.e., Variable Start Position and Variable Length is provided for the number of variables on the 015127 records).	Reject Invoice	2617	2683
For each Phrase Variable (1-7) that is used, the last y bites of the Variable must be all spaces. (y = 10 minus Variable #1 Length from the 435104 record):  Phrase Variable 1 Phrase Variable 2 Phrase Variable 3 Phrase Variable 4 Phrase Variable 5 Phrase Variable 6 Phrase Variable 7	Reject Invoice	2656 2657 2658 2659 2660 2661 2662	2683

### **015121 Return Codes Related to Duplicate Invoices – Return Code 2680**

ICBS will verify that an incoming invoice does not appear to be a duplicate to an invoice that has already been received and guiding and is awaiting billing. When the condition is encountered. The newly incoming invoice is rejected with return code 2680.

An invoice on the daily input file will not be accepted if it duplicates an invoice already on the master file. The fields used to uniquely identify an invoice are:

- Master Billing Number (015121, pos. 8-17)
- Customer Code (015121, pos. 18-20)
- IC Account Number (015121, pos. 21-28)
- IC Account Number Overflow (015121, pos. 29-30)
- IC Account Number Overflow 2 (015121, pos. 201-202) **only if** Invoice Billing Type is equal to "9"
- IC Extraction Date (015121, pos. 38-43)
- Invoice Number (015121, pos. 52-53)
- Billing Number (015121, pos. 69-78)

### Unguidable Return Codes

Each of the following guiding errors will result in the rejection/return of the invoice or adjustment.

Data to Which Edit Applies				Error Description		Error Code
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	
N	Y	N	Y	N/A	No central office header found. (East and West use B-Table in lieu of central office headers.)	1304
N	Y	N	N	N/A	Posted to the invoice master file but at bill period pull the central office was not valid. (East and West use B-Table in lieu of central office headers.)	1324
N	Y	N	N	N/A	Posted to the invoice master file but at bill period pull the line number was not within the line number range of the central office. (East and West use B-Table in lieu of central office headers.)	1521
Y	Y	N	N	Greater than allowable limit before the connect date. (Limits are controlled via DN851.)	Greater than allowable limit before the connect date. (Limits are controlled via DN851.)	2x05*
Y	Y	N	Y	Greater than allowable limit past the disconnect date. (Limits are controlled via DN851.)	Greater than allowable limit past the disconnect date. If adjustment is received 3 bill cycles after account has been disconnected, then 2X06 applies. (Limits are controlled via DN851.)	2x06*

\* 2xnn Error Codes vary in the 2<sup>nd</sup> position to denote the program/process assigning the return code as follows:  
 Return Codes starting with 24, 25 and 26 are assigned by ICBS  
 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.



Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
Y	Y	N	Y	No guide found.	No guide found.	2x10*
Y	N	Y	N	IC does not subscribe to billing services according to the AT&T Billing Entities table.	N/A	2x11*
Y	Y	Y	Y	Guided to a cellular account.	Guided to a cellular account.	2x30*
Y	Y	Y	Y	Guided to a WATS account.	Guided to a WATS account.	2x33*
Y	N	N	N	Bill Blocking start date is earlier than the Best Guide date (Best Guide Date is greater than or equal to the Bill Blocking Date on the customer account).	N/A	2x35*
Y	N	N	N	The 015121 Date of Earliest Message is beyond the allowable message age stated in the IC's contract (i.e., the age of invoice edit).	N/A	2x41*
Y	Y	Y	Y	Account has another Local Service Provider. Resold or ported to a CLEC. Forced guiding windows from the IXC table are not used in the guiding process. If the "true-latest" message date is greater than the disconnect date of the file guide then the invoice is returned. If the invoice doesn't have usage then the Best Guide date (Earliest Message Date) is used.	Account has another Local Service Provider. Resold or ported to a CLEC. Forced guiding windows from the IXC table are not used in the guiding process. If the "true-latest" message date is greater than the disconnect date of the file guide then the invoice is returned. If the invoice doesn't have usage then the Best Guide date (Earliest Message Date) is used.	2x50*

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Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
Y	N	Y	N	Working Number NPANXX is not listed on the table (B-Table) which lists the valid NPANXX combinations for this RAO.	N/A	2x65*
N	Y	N	Y	N/A	Guided to an account that has been written off, or this account no longer exists in AT&T Telco's billing system (account has been aged off). Depending on availability of account information, it could receive a 2X06.	2x91*
N	Y	N	Y	N/A	Guided to an account that has been transferred to another RAO.	2x93*
Y	N	Y	N	Guided to account with Service Class not eligible for Invoice Billing (For example: Coin, Official Company Service, Directory, etc.)	N/A	2x95*
Y	N	N	N	If Intrastate Message (81xxxx usage record with Settlement Code > 0) in AR, CA, CT, KS, NV or OK, check to see if State Certification field in DN851 is "N" or blank, or if it is "Y" and State Certification Date is after message date in EMI record, return message as unbillable. -	N/A	2x97*
Y	N	N	N	When the Invoice is marked as Bilingual and the Primary or Secondary bill media is CD ROM or EDI it should be returned.	N/A	2686
Y	N	N	N	Guided to a Foreign Exchange account.	N/A	268A

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 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.

Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
Y	N	N	N	This edit is performed only if the age limit for Sent Paid messages on DN851 is not zero:  The message date of the earliest dated sent paid (Message Type = 1) message in the invoice is more than the allowed number of days before the <u>next</u> Bill Period Date for the account.	N/A	268B
Y	N	N	N	This edit is performed only if the age limit for on-Sent Paid messages on DN851 is not zero.  The message date of the earliest dated non-sent paid (Message Type =2, 3, 4, or 5) message in the invoice is more than the allowed number of days before the next Bill Period Date for the account.	N/A	268C
N	Y	N	Y	<b>EAST ONLY</b> The C2K Account Number is not found	<b>EAST ONLY</b> The C2K Account Number is not found	269A
N	Y	N	Y	<b>EAST ONLY</b> The C2K Account Number is found but the associated BTN is invalid (The BTN and Customer Code must be numeric and the NXX of the BTN may not be "000").	<b>EAST ONLY</b> The C2K Account Number is found but the associated BTN is invalid (The BTN and Customer Code must be numeric and the NXX of the BTN may not be "000").	269B
N	Y	N	Y	<b>EAST ONLY</b> The query for the Account Status for the found BTN was unsuccessful.	<b>EAST ONLY</b> The query for the Account Status for the found BTN was unsuccessful.	269C
N	Y	N	Y	<b>EAST ONLY</b> The Account Status for the found BTN is something other than "ACT" or "INA".	<b>EAST ONLY</b> The Account Status for the found BTN is something other than "ACT" or "INA".	269D

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 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.

N	Y	N	Y	<b>EAST ONLY</b> The account has been inactive for more than 60 days.	<b>EAST ONLY</b> The account has been inactive for more than 60 days.	269E
N	Y	N	Y	<b>EAST ONLY</b> The account has been inactive for less than 61 days and has a balance due.	<b>EAST ONLY</b> The account has been inactive for less than 61 days and has a balance due.	269F
N	Y	N	Y	<b>EAST ONLY</b> The bill date for the BTN could not be obtained.	<b>EAST ONLY</b> The bill date for the BTN could not be obtained.	269G
N	N	N	Y	N/A	Adjustment record passed edits but the Southwestern Bell adjustment transaction which was generated from it contained an invalid data.	7930
N	Y	N	Y	N/A	No account; i.e., there is no file guide for this billing telephone number.	9201
N	Y	N	Y	N/A	No account; i.e., there is no mainline file guide for this billing telephone number.	9207
N	N	N	Y	N/A	Adjustment was guided to a BTN but when the adjustment process attempted to post the adjustment the customer account was not found.	9213

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 Return Codes starting with 24, 25 and 26 are assigned by ICBS  
 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.

Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
N	N	N	Y	N/A	Adjustment was guided to a BTN but when the adjustment process attempted to post the adjustment the customer account status was not valid for billing.  If the post-to account is in a 'transferred status' (it has undergone a number change or F&T type action), then the system will try and follow the account forward to its new BTN to post adjustment to. If for some reason the Transfer Data segment is not available under the old account, or the data that is there does not point to a valid new account, then the 9214 will be returned.	9214
N	Y	N	N	N/A	Posted to the invoice master file but at bill period pull the customer account was not found.  In the East region, this error code may also be assigned when the C2K Account Number has been disconnected (i.e., the account is finaled and no further billing will occur under the C2K Account Number).	9220
N	Y	N	N	N/A	Posted to the invoice master file but at bill period pull the bill period was invalid or incorrect.	9221
N	Y	N	N	N/A	Posted to the invoice master file but at bill period pull the account status was not valid for billing.	9222

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 Return Codes starting with 24, 25 and 26 are assigned by ICBS  
 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.

Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
N	Y	N	Y	N/A	The account is not disconnected and the transfer from effective date is less than the best guide date. The latest message date is more than 30 days before the 'XREF IN' date.	9223
N	Y	N	N	N/A	Earliest message dated before file guide connect date, no cross reference.	9224
N	Y	N	Y	N/A	There is a live cross reference but no file guide found or usage dates are more than 30 days before the file guide effective date.	9225
N	Y	N	Y	N/A	There are multiple live XREFs.	9226
N	Y	N	Y	N/A	There is a disconnected file guide but has a live cross reference.	9227
N	Y	N	Y	N/A	There is not a file guide or a XREF for this account.	9228
N	Y	N	Y	N/A	There is not a file guide for this account and the XREF that is found is not live. In addition, there are 1+ and Collect calls on the invoice.	9229
N	Y	N	Y	N/A	There is a disconnected file guide, but message dates are before the file guide effective date.	9245

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Data to Which Edit Applies				Error Description		
Invoice IB	Invoice CRUDE	Adjstmt IB	Adjstmt CRUDE	Invoice/Adjustment IB	Invoice/Adjustment CRUDE/EMS	Error Code
N	Y	N	Y	N/A	Account is disconnected for Company reasons. Either the latest msg date is greater than 5 days past the disconnect date on a guide and there is another guide on the account that contains a Force Bill segment, but the latest msg date does not match the date in the FB segment OR the latest msg date is > than 5 days past the disc date on a guide and there is another guide on the account that does not contain a force bill segment AND the latest 1+ or Collect msg date is < than the effective date of this next guide.	9246
N	Y	N	Y	N/A	There is a disconnected file guide and a live file guide that are closely dated, but may possibly be two different customers or may be the same customer that has left to an LSP.	9247
N	Y	N	Y	N/A	IC001 could not guide this message. The LNP table says that the number is ported into SWB. Either the LNP table or the guide in MTECS is incorrect.	9350

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 Return Codes starting with 27, 28, and 29 are assigned by CRUDE or EMS.