



**Alliance for Telecommunications
Industry Solutions**

ATIS Standard

ATIS-0406000-2200

**EXCHANGE MESSAGE INTERFACE (EMI)
Industry Support Interface
Issue 22**

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ATIS – 0406000-2200

Exchange Message Interface (EMI)

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RECORD DESCRIPTION

<u>11</u>	<u>01</u>	<u>01</u>
Category	Group	Record Type
Category: 11	CARRIER ACCESS USAGE	
Group: 01	NORTH AMERICAN ORIGINATED AND TERMINATED	
Record Type: 01	MESSAGE TELEPHONE SERVICE	

Use of Record:

This record is used to report Access Minutes of use for Message Telephone Service.
This record may also be used for interconnection (e.g. unbundled, local, wireless, etc.) services.

Headers/Trailers

CMDS

Local

20-20-09/10	Y	Y
20-21-09/10	N	Y
20-22-31/32	N	Y
20-24-09/10	N	Y

Special Considerations:

When Indicator 4 = 7 and Originating/Terminating ID = 1, the ULEC's OCN should be populated in the Originating OCN field (positions 167-170).

When Indicator 4 = 7 and Originating/Terminating ID = 2, the ULEC's OCN should be populated in the Terminating OCN field (positions 182-185).

For originating calls, the Originating OCN field in positions 167-170 should be populated with the OCN of the company that originated the call when the From Number, positions 15-24, is ported and the Originating LRN, positions 157-166 is populated.

For terminating LEC carried calls, the Originating OCN field in positions 167-170 should be populated with the OCN of the company that originated the call. Carrier Identification Code may or may not be populated.

For terminating IC-Carried calls, the Originating OCN should not be populated even when Originating LRN is populated.

To identify Cellular/Wireless originating and terminating traffic, the Type of Access Service (position 78-79) and Indicator 9 or 10 (position 90 & 91) should be populated.

The matrix below lists what fields are shaded on the 11-01-01 based on Feature Group. A value of "X" in a given column means that the field is shaded for that Feature Group.

Field Name	Position	FGA	FGB	FGC	FGD
Overflow Digits	25-27	X	X	X	X
BSA/FGD Trunk Group No.	41-44	X	X	X	
Carrier Identification Code	46-49	X			
Carrier Access Method	50	X		X	
Routing Method	51	X			
Dialing Method	52	X	X	X	X
ANI	53	X		X	
NCTA	54	X	X	X	X
Customer Bill Format	75	X	X	X	X
Conference Leg Number	76-77	X	X	X	X
Method of Signaling	81	X		X	
NPA-BSA/FGA Access No.	123-125		X	X	X
NXX-BSA/FGA Access No.	126-128		X	X	X
Line No./BSA FGA Access No.	129-132		X	X	X
NECA Company Code	138-141	X			
BSA/FGD Call Event Status	142-143	X	X	X	
Settlement Code	149	X	X		
Min-Conversation Time	150-153	X	X	X	
Sec-Conversation Time	154-155	X	X	X	
1/10-Conversation Time	156	X	X	X	

CARRIER ACCESS USAGE
NORTH AMERICAN ORIGINATED AND TERMINATED
MESSAGE TELEPHONE SERVICE

Record Name

11 Category				01 Group				01 Record Type																																
Pos.	Field Description			Char.	Pos.	Field Description			Char.	Pos.	Field Description			Char.																										
1	Category			X	68	Method Of Recording			9	135	Reserved for Local Company Use (continued)			9																										
2	Group				69	Return Code			X	136	Reserved			9																										
3	Record Type				70	From RAO			X	137	NECA Company Code			X																										
4	Year				71	Local Company Information			9	138	BSA / Feature Group D Call Event Status			9																										
5	Month			72	Cust. Bill Format Conference Leg Number			9		139	Reserved			9																										
6	Date Of Record			73	Type of Access Service			9	140	BSA / Feature Group ID Code			X																											
7	Day			74	Reserved			9	141	Library Code			X																											
8	From Number Length			75	Method Of Signaling			9	142	Settlement Code			X																											
9	NPA			76	82	1	Indicators			9	143	Conversation Time			9																									
10	NXX			77	83	2				9	Min					144	Originating LRN			9																				
11	Line Number			78	84	3									9	Sec					145	Originating OCN			X															
12	Overflow Digits			79	85	4				9	1/10									146	Originating LRN Source Indicator					9														
13	To Number Length			80	86	5									9	171				147					Terminating LRN			9												
14	NPA			81	87	6				9	172									148									Terminating OCN			X								
15	NXX			82	88	7									9	173				149								Terminating LRN Source Indicator					9							
16	Line Number			83	89	8				9	174									150												Send To OCN			X					
17	Originating / Terminating ID			84	90	9									9	175				151																Reserved			9	
18	BSA / Feature Group D Trunk Group Number			85	91	10				9	176									152															Reserved					9
19	Reserved			86	92	11	9	177	153			Reserved			9																									
20	Carrier Identification Code			87	93	12			9	178	154					Reserved			9																					
21	Carrier Access Method			88	94	13	9	179			155				Reserved					9																				
22	Routing Method			89	95	14			9	180	156								Reserved			9																		
23	Dialing Method			90	96	15	9	181			157												Reserved			9														
24	ANI			91	97	16			9	182	158											Reserved					9													
25	NCTA			92	98	17	9	183			159															Reserved			9											
26	Hr			93	99	18			9	184	160																			Reserved			9							
27	Min			94	100	19	9	185			161																		Reserved					9						
28	Sec			95	101	20			9	186	162																						Reserved			9				
29	Min			96	102	Operator Unit					9	187	Reserved																								9			
30	Sec			97	103	Recording Point Identification (AMA)			9	188								Reserved																		9				
31	Billable Or Reported Time			98	104	Serial Number					9	189				Reserved																					9			
32	Hr			99	105	CABS Billing RAO			X	190											Reserved															9				
33	Min			100	106	Indicators					9	191													Reserved												9			
34	Sec			101	107	NPA			9	206														Reserved												9				
35	Min			102	108	NXX					9	207																Reserved									9			
36	Sec			103	109	Line Number			9	208																						Reserved				9				
37	1/10			104	110	BSA / Feature Group A Access Number					9	209																			Reserved						9			
38	Reserved for Local Company Use			105	111	Reserved for Local Company Use			9	210																									Reserved			9		
39				106	112						9																													
40				107	113				9																															
41				108	114						9																													
42				109	115				9																															
43				110	116						9																													
44				111	117				9																															
45				112	118						9																													
46				113	119				9																															
47				114	120						9																													
48				115	121				9																															
49				116	122						9																													
50				117	123				9																															
51				118	124						9																													
52				119	125				9																															
53				120	126						9																													
54				121	127				9																															
55				122	128						9																													
56				123	129				9																															
57				124	130						9																													
58				125	131				9																															
59				126	132						9																													
60				127	133				9																															
61				128	134						9																													
62				129					9																															
63				130							9																													
64				131					9																															
65				132							9																													
66				133					9																															
67				134							9																													

Field Characteristic
 9 = Numeric
 X = Alphanumeric
 S 9 = Signed Numeric
 ↓ = Continued on Next Column
 ↑ = Continued on Next Column