



APPENDIX E

Originating Line Information Range Definitions

Revised: July 24, 2009, OL-3743-42

Table E-1 lists the ANI II digit pair assignments as of February 2, 1999. These digit pairs are used as values for the OLI token in the [Media Gateway Profile](#) table. Any updates to these assignments can be found at <http://www.nanpa.com>.

Table E-1 **Media Gateway Profile Table OLI Token Range Definitions**

Digit Pair	Definition
00	Plain Old Telephone Service (POTS)—Non-coin service requiring no special treatment.
01	Multiparty line (more than 2)—ANI cannot be provided on 4 or 8 party lines. The presence of this 01 code causes an Operator Number Identification (ONI) function to be performed at the distant location. The ONI feature routes the call to a Centralized Automatic Message Accounting (CAMA) operator or to an Operator Services System (OSS) for determination of the calling number.
02	ANI Failure—The originating switching system indicates by the 02 code, to the receiving office, that the calling station has not been identified. If the receiving switching system routes the call to a CAMA or OSS, the calling number can be verbally obtained and manually recorded. If manual operator identification is not available, the receiving switching system (for example, an interLATA carrier without operator capabilities) can reject the call.
03-05	Unassigned.
06	Station Level Rating—The 06-digit pair is used when a customer subscribed to a specific class of service in order to be provided with real-time billing information. For example, hotel/motels, served by PBXs, receive detailed billing information, including the room number of the calling party. When the originating switching system does not receive the detailed billing information, for example, room number, this 06 code allows the call to be routed to an operator or OSS to obtain complete billing information. The rating and/or billing information is then provided to the service subscriber. This code is used only when the directory number (DN) is not accompanied by an automatic room/account identification.
07	Special Operator Handling Required—Calls generated from stations that require further operator or OSS screening are accompanied by the 07 code. The code routes the call to an operator or OSS for further screening and to determine if the station has a denied-originating class of service or special routing/billing procedures. If the call is unauthorized, the calling party will be routed to a standard intercept message.
08-09	Unassigned.
10	Not assignable—Conflict with 10X test code.

Table E-1 **Media Gateway Profile Table OLI Token Range Definitions (continued)**

Digit Pair	Definition
11	Unassigned.
12-19	Not assignable—Conflict with international outpulsing code.
20	Automatic Identified Outward Dialing (AIOD)—Without AIOD, the billing number for a PBX is the same as the PBX directory number (DN). With the AIOD feature, the originating line number within the PBX is provided for charging purposes. If the AIOD number is available when the ANI is transmitted, code 00 is sent. If not, the PBX DN is sent with ANI code 20. In either case, the AIOD number is included in the AMA record.
21-22	Unassigned.
23	Coin or Non-Coin—On calls using database access, for example, 800, ANI II 23 indicates that the coin/non-coin status of the originating line cannot be positively distinguished for ANI purposes by the service switching point (SSP). The ANI II pair 23 is substituted for the II pairs that would otherwise indicate that the non-coin status is known, such as 00, or when there is ANI failure. ANI II 23 can be substituted for a valid 2-digit ANI pair on 0-800 calls. In all other cases, do not substitute ANI II 23 for a valid 2-digit ANI II pair that is forwarded to an SSP from an Equal Access End Office (EAEO). Some of the situations for which an ANI II 23 can be sent are: • Calls from nonconforming end offices (CAMA or Local Automatic Message Accounting (LAMA) types) with combined coin/non-coin trunk groups. • 0-800 calls • Type 1 cellular calls • Calls from PBX trunks • Calls from Centrex tie lines
24	Code 24 identifies a toll-free service call that was translated to a POTS routable number using a toll-free database that originated for any nonpay station. If the received toll-free number is not converted to a POTS number, the database returns the received ANI code along with the received toll-free number. Thus, Code 24 indicates that this is a toll-free service call because that fact cannot be recognized simply by examining the called address.
25	Code 25 identifies a toll-free service call that was translated to a POTS routable number using a toll-free database that originated from any pay station, including inmate telephone service. Specifically, ANI II digits 27, 29, and 70 are replaced with Code 25 under this condition.
26	Unassigned.
27	Code 27 identifies a line connected to a pay station using network-provided coin control signaling. II 27 identifies this type of pay station line regardless of whether the pay station is provided by a LEC or a non-LEC. II 27 is transmitted from the originating end office on all calls made from these lines.
28	Unassigned.
29	Prison or Inmate Service—The ANI II digit pair 29 designates lines within a confinement or detention facility that are intended for inmate or detainee use and require outward call screening and restriction (for example, 0+ collect only service). A confinement or detention facility is defined as including, but not limited to, Federal, State or Local prisons, juvenile facilities, immigration and naturalization confinement or detention facilities, and so forth, which are under the administration of Federal, State, City, County, or other Governmental agencies. Prison or Inmate Service lines are identified by the customer requesting such call screening and restriction. In cases where private paystations are located in confinement or detention facilities, and the same call restrictions applicable to Prison or Inmate Service are required, the ANI II digit for Prison or Inmate Service applies if the line is identified for Prison or Inmate Service by the customer.

Table E-1 **Media Gateway Profile Table OLI Token Range Definitions (continued)**

Digit Pair	Definition
30-32	Intercept—Where the capability is provided to route intercept calls (either directly or after an announcement recycle) to an access tandem with an associated Telco Operator Services System, use the following ANI codes: • 30 Intercept (blank)—For calls to an unassigned directory number (DN) • 31 Intercept (trouble)—For calls to directory numbers (DNs) that have been manually placed in trouble-busy state by Telco personnel • 32 Intercept (regular)—For calls to recently changed or disconnected numbers
33	Unassigned.
34	Telco Operator Handled Call—After a Telco Operator Services System has handled a call for an Interexchange Carrier (IC), it can change the standard ANI digits to 34 before outpulsing the sequence to the IC, when the Telco performs all call handling functions, for example, billing. The code tells the IC that the Bell Operating Company (BOC) performed billing on the call and the IC has only to complete the call.
35-39	Unassigned.
40-49	Unrestricted Use—Locally determined by carrier.
50-51	Unassigned.
52	Outward Wide Area Telecommunications Service (OUTWATS)—This service allows customers to make calls to a certain zone or band on a direct dialed basis for a flat monthly charge or for a charge based on accumulated usage. OUTWATS lines can dial station-to-station calls directly to points within the selected band or zone. The LEC performs a screening function to determine the correct charging and routing for OUTWATS calls based on the customer class of service and the service area of the called party. When these calls are routed to the interexchange carrier using a combined WATS-POTS trunk group, it is necessary to identify the WATS calls with the ANI code 52.
53-59	Unassigned.
60	TRS—ANI II digit pair 60 indicates that the associated call is a Telecommunications Relay Services (TRS) call delivered to a transport carrier from a TRS provider and that the call originated from an unrestricted line (such as a line for which there are no billing restrictions). Accordingly, if no request for alternate billing is made, the call is billed to the calling line.
61	Cellular or Wireless PCS (Type 1)—The 61-digit pair is forwarded to the interexchange carrier by the local exchange carrier for traffic originating from a cellular/wireless PCS carrier over type 1 trunks. Note ANI information accompanying digit pair 61 identifies only the originating cellular or wireless PCS system, not the mobile directory placing the call.
62	Cellular or Wireless PCS (Type 2)—The 62-digit pair is forwarded to the interexchange carrier by the cellular or wireless PCS carrier when routing traffic over type 2 trunks through the local exchange carrier access tandem for delivery to the interexchange carrier. Note ANI information accompanying digit pair 62 identifies the mobile directory number placing the call but does not necessarily identify the true call point of origin.

Table E-1 Media Gateway Profile Table OLI Token Range Definitions (continued)

Digit Pair	Definition
63	Cellular or Wireless PCS (Roaming)—The 63-digit pair is forwarded to the interexchange carrier by the cellular or wireless PCS subscriber roaming in another cellular or wireless PCS network, over type 2 trunks through the local exchange carrier access tandem for delivery to the interexchange carrier. Note Use of 63 signifies that the called number is used only for network routing and is not disclosed to the cellular or wireless PCS subscriber. Also, ANI information accompanying digit pair 63 identifies the mobile directory number forwarding the call but does not necessarily identify the true forwarded call point of origin.
64-65	Unassigned.
66	TRS—ANI II digit pair 66 indicates that the associated call is a TRS call delivered to a transport carrier from a TRS provider, and that the call originates from a hotel or motel. The transport carrier can use this indication, along with other information (for example, whether the call was dialed 1+ or 0+) to determine the appropriate billing arrangement (such as, bill to room or alternate bill).
67	TRS—ANI II digit pair 67 indicates that the associated call is a TRS call delivered to a transport carrier from a TRS provider and that the call originated from a restricted line. Accordingly, sent paid calls are not allowed and additional screening, if available, is performed to determine the specific restrictions and type of alternate billing permitted.
68-69	Unassigned.
70	Code 70 identifies a line connected to a pay station (including both coin and coinless stations), which does not use network-provided coin control signaling. II 70 identifies this type pay station line regardless of whether the pay station is provided by a LEC or a non-LEC. II 70 is transmitted from the originating end office on all calls made from these lines.
71-79	Unassigned.
80-89	Reserved.
90-92	Unassigned.
93	Access for private virtual network types of service—The ANI code 93 indicates to the IC that the originating call is a private virtual network type of service call.
94	Unassigned.
95	Unassigned—Conflict with Test Codes 958 and 959.
96-99	Unassigned.