

**- SS7 TT & SSN Assignment Repository** (as of December 2011)

**Table 1 - ANSI SS7 Translation Type (TT) code value known assignments:**

Use of the following TT values is recommended (although the use of other values is not prohibited).

| <b>Value</b> | <b>Application</b>                                  | <b>Source</b>                   | <b>Notes</b> |
|--------------|---|---------------------------------|--------------|
| 0            | reserved  | T1.112.3-2001 annex A,table A   |              |
| 1            | Identification Cards                                | T1.112.3-2001 annex A,table A   |              |
| 2            | reserved  | T1.112.3-2001 annex A,table A   | 1            |
| 3            | Cellular Nationwide Roaming Service                 | T1.112.3-2001 annex A,table A   |              |
| 3            | OTA Provisioning Function and (future) IS41 Roaming | Unknown - field assigned        |              |
| 4            | Global Title = Point Code                           | T1.112.3-2001 annex A,table A   |              |
| 5            | Calling Name Delivery                               | T1.112.3-2001 annex A,table A   |              |
| 6            | reserved  | T1.112.3-2001 annex A,table A   | 1            |
| 7            | Message Waiting                                     | T1.112.3-2001 annex A,table A   |              |
| 8            | SCP Assisted Call Processing                        | T1.112.3-2001 annex A,table A   | 2            |
| 8            | Proprietary assignment                              | Verizon Wireless field assigned | a            |
| 9            | National and International Cellular/PCS Roaming     | T1.112.3-2001 annex A,table A   |              |
| 10           | Network Entity Addressing                           | T1.112.3-2001 annex A,table A   |              |
| 10           | LNP Wireline  | Unknown - field assigned        |              |
| 11           | Internetwork NP Query/Response (NP Q/R)             | T1.112.3-2001 annex A,table A   |              |
| 11           | WLNP  | Unknown - field assigned        |              |
| 12           | Wireless MIN-Based Short Message Service            | T1.112.3-2001 annex A,table A   |              |
| 12           | MOSMS (Mobile Originated SMS)                       | Unknown - field assigned        |              |

|     |   |                                 |   |
|-----|---|---------------------------------|---|
| 13  | Wireless IMSI-Based Short Message Service                         | T1.112.3-2001 annex A,table A   |   |
| 14  | Mobile Subscriber Addressing                                      | T1.112.3-2001 annex A,table A   |   |
| 14  | Proprietary assignment  | Verizon Wireless field assigned | a |
| 15  | Packet Data Interworking  | T1.112.3-2001 annex A,table A   |   |
| 16  | Cellular/PCS Interworking   | T1.112.3-2001 annex A,table A   |   |
| 17  | Mobile Subscriber Message Center Addressing                       | T1.112.3-2001 annex A,table A   |   |
| 17  | Proprietary assignment  | Verizon Wireless field assigned | a |
| 18  | inter-network applications  | T1.112.3-2001 annex A,table A   |   |
| to  |   |                                 |   |
| 27  | inter-network applications  | T1.112.3-2001 annex A,table A   |   |
| 28  | 14 Digit Telecommunication Calling Cards – Post-10-digit (NP) GTT | T1.112.3-2001 annex A,table A   | 1 |
| 29  | Calling Name Delivery - Post-10-digit (NP) GTT                    | T1.112.3-2001 annex A,table A   | 1 |
| 30  | Call Management - Post-10-digit (NP)GTT                           | T1.112.3-2001 annex A,table A   | 1 |
| 31  | Message Waiting - Post-10-digit (NP)GTT                           | T1.112.3-2001 annex A,table A   | 1 |
| 32  | spare   | T1.112.3-2001 annex A,table A   |   |
| to  |   |                                 |   |
| 111 | spare   | T1.112.3-2001 annex A,table A   |   |
| 112 | Proprietary assignment  | Verizon Wireless field assigned | a |
| 113 | spare   | T1.112.3-2001 annex A,table A   |   |
| to  |   |                                 |   |
| 118 | spare   | T1.112.3-2001 annex A,table A   |   |
| 119 | E911(another requested E911 assignment)                           | Unknown - field assigned        |   |

|     |  |                                 |   |
|-----|--|---------------------------------|---|
| 120 | spare  | T1.112.3-2001 annex A,table A   |   |
| to  |  |                                 |   |
| 123 | spare  | T1.112.3-2001 annex A,table A   |   |
| 124 | Proprietary assignment                                     | Verizon Wireless field assigned | a |
| 125 | Proprietary assignment                                     | Verizon Wireless field assigned | a |
| 126 | spare  | T1.112.3-2001 annex A,table A   |   |
| to  |  |                                 |   |
| 139 | spare  | T1.112.3-2001 annex A,table A   |   |
| 140 | GSM Voice Roaming (MSISDN to HLR) - Proprietary assignment | Verizon Wireless field assigned | a |
| 141 | spare  | T1.112.3-2001 annex A,table A   |   |
| to  |  |                                 |   |
| 190 | spare  | T1.112.3-2001 annex A,table A   |   |
| 191 | E911   | Unknown - field assigned        |   |
| 192 | E911 location testing                                      | Unknown - field assigned        |   |
| 193 | E911 testing   | Unknown - field assigned        |   |
| 194 | E911 testing   | Unknown - field assigned        |   |
| 195 | Proprietary assignment                                     | Unknown - field assigned        |   |
| 196 | network specific applications                              | T1.112.3-2001 annex A,table A   |   |
| to  |  |                                 |   |
| 210 | network specific applications                              | T1.112.3-2001 annex A,table A   |   |
| 211 | IN type Wireline LNP query - Proprietary assignment        | Verizon Wireless field assigned | a |
| 212 | network specific applications                              | T1.112.3-2001 annex A,table A   |   |
| to  |  |                                 |   |

|     |                               |  |   |
|-----|-------------------------------|--|---|
| 219 | network specific applications | T1.112.3-2001 annex A,table A            |   |
| 220 | Proprietary assignment        | Verizon Wireless field assigned          | a |
| to  |                               |  |   |
| 229 | Proprietary assignment        | Verizon Wireless field assigned          | a |
| 230 | network specific applications | T1.112.3-2001 annex A,table A            |   |
| to  |                               |  |   |
| 249 | network specific applications | T1.112.3-2001 annex A,table A            |   |
| 250 | network specific applications | T1.112.3-2001 annex A,table A            |   |
| 251 | reserved                      | T1.112.3-2001 annex A,table A            | 1 |
| 252 | network specific applications | T1.112.3-2001 annex A,table A            |   |
| 253 | Line Information Database     | Telcordia, GR-945-CORE,<br>Issue 4, 2005 | b |
| 254 | In use                        | T1.112.3-2001 annex A,table A            | 2 |
| 255 | reserved                      | T1.112.3-2001 annex A,table A            |   |

Notes:

1. as per T1.112.3-2001 annex A, table A notes.
2. “The network specific value ‘254’ is already in use by some network providers for internet network applications (for example, 800 service). Network providers who have not implemented this value are advised to consider the potential translation type code conflicts of its use for network specific applications.”

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**Table 2 - ANSI SS7 Subsystem Number (SSN) code value known assignments:**

Use of the following SSN values are recommended (although the use of other values is not prohibited). Network specific subsystem numbers should be assigned in descending order starting with "254".

| Value | Application   | Source                      | Notes |
|-------|---|-----------------------------|-------|
| 0     | SSN not known/not used  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 0     | Proprietary assignment  | Unknown - field assigned    |       |
| 1     | SCCP Management   | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 2     | reserved  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 3     | ISDN User Part  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 4     | OMAP  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 5     | Mobile Application Part (MAP)   | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 6     | Home Location Register (HLR)  | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 6     | Proprietary assignment ,OTA Provisioning Function & (future) IS41 Roaming | Unknown - field assigned    |       |
| 7     | Visited Location Register (VLR)   | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 8     | Mobile Switching Center (MSC)   | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 8     | E911  | Unknown - field assigned    | a     |
| 9     | Equipment Identification Register (EIR)                                   | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 10    | Authentication Center (AC)  | T1.112.3-2001 Sect. 3.4.2.1 | 1     |
| 11    | Reserved (used in ITU-T for ISDN supplementary services)                  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 11    | Proprietary assignment & MOSMS (Mobile Originated SMS)                    | Unknown - field assigned    |       |
| 12    | Reserved for international use  | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 13    | Reserved (used in ITU-T for broadband ISDN edge to edge applications)     | T1.112.3-2001 Sect. 3.4.2.1 |       |
| 14    | Reserved (used in ITU-T for TC test responder)                            | T1.112.3-2001 Sect. 3.4.2.1 |       |

|     |                                |                                 |   |
|-----|--------------------------------|---------------------------------|---|
| 15  | Reserved for international use | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                                |                                 |   |
| 28  | Reserved for international use | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 29  | Proprietary assignment         | Verizon Wireless field assigned | a |
| 30  | Reserved for international use | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 31  | Reserved for international use | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 32  | Proprietary assignment         | Verizon Wireless field assigned | a |
| 33  | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                                |                                 |   |
| 123 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 124 | Proprietary assignment         | Unknown - field assigned        | a |
| 125 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                                |                                 |   |
| 130 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 131 | Proprietary assignment         | Verizon Wireless field assigned | a |
| to  |                                |                                 |   |
| 137 | Proprietary assignment         | Verizon Wireless field assigned | a |
| 138 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 139 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 140 | Proprietary assignment         | Verizon Wireless field assigned | a |
| 141 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                                |                                 |   |
| 144 | Spare                          | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 145 | Proprietary assignment         | Sprint Nextel field assigned    | c |

|     |                             |                                 |   |
|-----|-----------------------------|---------------------------------|---|
| 146 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                             |                                 |   |
| 191 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 192 | E911 location testing       | Unknown - field assigned        |   |
| 193 | E911 testing                | Unknown - field assigned        |   |
| 194 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                             |                                 |   |
| 199 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 200 | Proprietary assignment      | Sprint Nextel field assigned    | c |
| 201 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                             |                                 |   |
| 216 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 217 | Proprietary assignment      | Verizon Wireless field assigned | a |
| 218 | Proprietary assignment      | Verizon Wireless field assigned | a |
| 219 | Proprietary assignment      | Verizon Wireless field assigned | a |
| 220 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| to  |                             |                                 |   |
| 229 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 230 | Proprietary assignment      | Sprint Nextel field assigned    | c |
| 231 | Proprietary assignment      | Sprint Nextel field assigned    | c |
| 232 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 233 | Spare                       | T1.112.3-2001 Sect. 3.4.2.1     |   |
| 234 | Proprietary assignment      | Sprint Nextel field assigned    | c |
| 235 | Voicemail (message waiting) | Unknown - field assigned        |   |

|     |                                     |                                       |   |
|-----|-------------------------------------|---------------------------------------|---|
| 236 | Spare                               | T1.112.3-2001 Sect. 3.4.2.1           |   |
| to  |                                     |                                       |   |
| 246 | Spare                               | T1.112.3-2001 Sect. 3.4.2.1           |   |
| 247 | LNP                                 | Unknown - field assigned              |   |
| 248 | LNP                                 | Unknown - field assigned              |   |
| 249 | Proprietary assignment              | Sprint Nextel field assigned          | c |
| 250 | LNP Wireline & Wireless             | Unknown - field assigned              |   |
| 251 | Proprietary assignment              | Sprint Nextel field assigned          | c |
| 252 | Proprietary assignment              | Sprint Nextel field assigned          | c |
| 253 | Line Information Database subsystem | Telcordia, GR-945-CORE, Issue 4, 2005 | b |
| 254 | Toll Free services                  | Unknown - field assigned              |   |
| 255 | reserved for expansion              | T1.112.3-2001 Sect. 3.4.2.1           |   |

Note:

1. These codes are assigned to the MAP application defined by EIA/TIA for North American networks.

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