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

Table 1 - ANSI SS7 Translation Type (TT) code value known assignments:
Use of the following TT values are recommended (although the use of other values is not prohibited).

Value	Application	Source	Notes
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 E911assignment)	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			
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, 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 internetwork 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	

Notes:

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

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