C/A PRN CODE ASSIGNMENTS

For additional information, please refer to IS-GPS-200 at http://gps.losangeles.af.mil/engineering/icwg

PRN Signal Number	G2 Delay (Chips)	Initial G2 Setting (Octal)[1]	First 10 Chips (Octal)[1]	PRN Allocations	Orbital Slot
1 – 37	-	-	-	Reserved (GPS)	N/A
38 - 119	-	-	-	Under Review	N/A
120 – 158	-	-	-	Reserved (SBAS)	See Below
159 – 210	-	-	-	Under Review	N/A
Satellite Based Augmentation System (SBAS)					
120	145	1106	0671	INMARSAT 3F2, AOR-E	15.5 W
121	175	1241	0536	INMARSAT 4F2	53 W
122	52	0267	1510	INMARSAT 3F4, AOR-W	54 W
123	21	0232	1545	LM RPS-1, RPS-2[4]	133 W, 107.3 W
124	237	1617	0160	ARTEMIS	21.5 E
125	235	1076	0701	LM RPS-1, RPS-2[4]	133 W, 107.3 W
126	886	1764	0013	INMARSAT 3F5, IND-W	25 E
127	657	0717	1060	INSATNAV	TBD
128	634	1532	0245	INSATNAV	TBD
129	762	1250	0527	MTSAT-1R (or MTSAT-2)[2]	TBD
130	355	0341	1436	INMARSAT 4F1	63 E
131	1012	0551	1226	INMARSAT 3F1, IOR	64 E
132	176	0520	1257	Unallocated	-
133	603	1731	0046	INMARSAT 4F3	N/A
134	130	0706	1071	INMARSAT 3F3, POR	178 E
135	359	1216	0561	LM RPS-1[3]	133 W
136	595	0740	1037	INMARSAT Reserved	8 E
137	68	1007	0770	MTSAT-2 (or MTSAT-1R)[2]	TBD
138	386	0450	1327	LM RPS-2[3]	107.3
139	797	0305	1472	Unallocated	-
140	456	1653	0124	Unallocated	-
141	499	1411	0366	Unallocated	-
142	883	1644	0133	Unallocated	-

143	307	1312	0465	Unallocated	-
144	127	1060	0717	Unallocated	-
145	211	1560	0217	Unallocated	-
146	121	0035	1742	Unallocated	-
147	118	0355	1422	Unallocated	-
148	163	0335	1442	Unallocated	-
149	628	1254	0523	Unallocated	-
150	853	1041	0736	Unallocated	-
151	484	0142	1635	Unallocated	-
152	289	1641	0136	Unallocated	-
153	811	1504	0273	Unallocated	-
154	202	0751	1026	Unallocated	-
155	1021	1774	0003	Unallocated	-
156	463	0107	1670	Unallocated	-
157	568	1153	0624	Unallocated	-
158	904	1542	0235	Unallocated	-

1) In the octal notation for the first 10 bits as shown in this column, the first digit (1/0) represents the first bit and the last three digits are the conventional octal representation of the remaining 9 bits.
2) When MTSAT-2 is unavailable, MTSAT-1R will broadcast two PRN signals-each of which is received from an independent uplink station-in order to maintain continuity in case of uplink signal attenuation or equipment failure at either uplink station. Similarly, MTSAT-2 will broadcast two PRN signals when MTSAT-1R is unavailable. When MTSAT-1R and MTSAT-2 are available, MTSAT-1R will broadcast PRN 129 signal only and MTSAT-2 will broadcast PRN 137 signal only.
3) This code is assigned on a temporary basis.
4) This code is assigned for on-orbit testing only.