

L1C PRN CODE ASSIGNMENTS

PRN Signal Number	L1C _p		L1C _d		L1C _o			PRN Allocations System (Satellite)	Orbital Slot	Effective Date
	Weil Index (<i>w</i>)	Index Insertion (<i>p</i>)	Weil Index (<i>w</i>)	Index Insertion (<i>p</i>)	S1 Polynomial Coefficient (Octal) (<i>mi</i> , <i>j</i>)	S1 Initial Condition (Octal)	S2 Initial Condition (Octal)			

1-63	See IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ			Reserved for GPS	See NAVCEN ⁱⁱ	See NAVCEN ⁱⁱ
64-119	See IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ			Reserved for other augmentation systems	N/A	N/A
120-158	See Below		See Below		See Below			Reserved for SBAS	See Below	See Below
159-210	See Below		See Below		See Below			Reserved for other GNSS & other augmentation systems	See Below	See Below

Reserved for Satellite-Based Augmentation System (SBAS) (PRNs 120-158)

120	4990	604	4447	257	5421	2564	0223	Reserved	---	---
121	4982	4678	4570	507	5421	3075	0151	Reserved	---	---
122	4966	4854	4486	4572	5421	3455	2405	Reserved	---	---
123	4949	4122	4362	4491	5421	3627	2522	Reserved	---	---
124	4947	9471	4481	341	5421	617	3235	Reserved	---	---
125	4937	5026	4322	130	5421	1324	0452	Reserved	---	---
126	4935	272	4668	79	5421	3506	2617	Reserved	---	---
127	4906	1027	3967	1142	5421	2231	1300	Reserved	---	---
128	4901	317	4374	448	5421	1110	1430	Reserved	---	---
129	4872	691	4553	875	5421	1271	0773	Reserved	---	---
130	4865	509	4641	555	5421	3740	0772	Reserved	---	---
131	4863	9708	4215	1272	5421	3652	3561	Reserved	---	---
132	4818	5033	3853	5198	5421	1644	0607	Reserved	---	---

Changes shown in **bold**
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133	4785	9938	4787	9529	5421	3635	0420	Reserved	---	---
134	4781	4314	4266	4459	5421	3436	0527	Reserved	---	---
135	4776	10140	4199	10019	5421	3076	3770	Reserved	---	---
136	4775	4790	4545	9353	5421	434	2536	Reserved	---	---
137	4754	9823	4208	9780	5421	3340	2233	Reserved	---	---
138	4696	6093	4485	375	5421	54	3366	Reserved	---	---
139	4690	469	3714	503	5403	2446	3766	Unallocated	---	---
140	4658	1215	4407	4507	5403	25	3554	Reserved	---	---
141	4607	799	4182	875	5403	150	2060	Reserved	---	---
142	4599	756	4203	1246	5403	2746	2070	Unallocated	---	---
143	4596	9994	3788	1	5403	2723	0713	Reserved	---	---
144	4530	4843	4471	4534	5403	2601	3366	Reserved	---	---
145	4524	5271	4691	8	5403	3440	3247	Unallocated	---	---
146	4451	9661	4281	9549	5403	1312	2776	Unallocated	---	---
147	4441	6255	4410	6240	5403	544	1244	Reserved	---	---
148	4396	5203	3953	22	5403	2062	2102	Reserved	---	---
149	4340	203	3465	5652	5403	176	1712	Unallocated	---	---
150	4335	10070	4801	10069	5403	3616	1245	Unallocated	---	---
151	4296	30	4278	4796	5403	1740	3344	Unallocated	---	---
152	4267	103	4546	4980	5403	3777	1277	Unallocated	---	---
153	4168	5692	3779	27	5403	432	0165	Unallocated	---	---
154	4149	32	4115	90	5403	2466	2131	Unallocated	---	---
155	4097	9826	4193	9788	5403	1667	3623	Unallocated	---	---
156	4061	76	3372	715	5403	3601	0141	Unallocated	---	---
157	3989	59	3786	9720	5403	2706	0421	Unallocated	---	---
158	3966	6831	3491	301	5403	2022	3032	Reserved	---	---

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Other Global Navigation Satellite Systems (GNSS) & Other Applications (PRNs 159 – 210)

159	3789	958	3812	5450	5403	1363	2065	Unallocated	---	---
160	3775	1471	3594	5215	5403	2331	3024	Unallocated	---	---
161	3622	10070	4028	13	5403	3556	2663	Unallocated	---	---
162	3523	553	3652	1147	5403	2205	2274	Unallocated	---	---
163	3515	5487	4224	4855	5403	3734	2114	Unallocated	---	---
164	3492	55	4334	1190	5403	2115	1664	Unallocated	---	---
165	3345	208	3245	1267	5403	10	0413	Unallocated	---	---
166	3235	645	3921	1302	5403	2140	1512	Unallocated	---	---
167	3169	5268	3840	1	5403	3136	0135	Unallocated	---	---
168	3157	1873	3514	5007	5403	272	2737	Unallocated	---	---
169	3082	427	2922	549	5403	3264	1015	Unallocated	---	---
170	3072	367	4227	368	5403	2017	1075	Unallocated	---	---
171	3032	1404	3376	6300	5403	2505	1255	Unallocated	---	---
172	3030	5652	3560	5658	5403	3532	3473	Unallocated	---	---
173	4582	5	4989	4302	5403	647	2716	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
174	4595	368	4756	851	5403	1542	0101	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
175	4068	451	4624	4353	5403	2154	1105	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
176	4871	9595	4446	9618	5403	3734	1407	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
177	4514	1030	4174	9652	5403	2621	3407	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
178	4439	1324	4551	1232	5403	2711	1046	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017

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179	4122	692	3972	109	5403	217	3237	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
180	4948	9819	4399	10174	5403	3503	0154	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
181	4774	4520	4562	6178	5403	3457	3010	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
182	3923	9911	3133	1851	5403	3750	2245	QZSS – IMES ⁱⁱⁱ	Ground	Active through Nov 2017
183	3411	278	4157	1299	5403	2525	2051	Unallocated	---	---
184	4745	642	5053	325	5403	113	2144	Unallocated	---	---
185	4195	6330	4536	10206	5403	265	1743	Unallocated	---	---
186	4897	5508	5067	9968	5403	1711	2511	Unallocated	---	---
187	3047	1872	3905	10191	5403	552	3410	Unallocated	---	---
188	4185	5445	3721	5438	5403	675	1414	Unallocated	---	---
189	4354	10131	3787	10080	5403	1706	1275	Unallocated	---	---
190	5077	422	4674	219	5403	3513	2257	Unallocated	---	---
191	4042	4918	3436	758	5403	1135	2331	Unallocated	---	---
192	2111	787	2673	2140	5403	566	0276	Unallocated	---	---
193	4311	9864	4834	9753	5403	500	3261	QZSS (QZS1)	A1 ^{iv}	Active through Aug 2025
194	5024	9753	4456	4799	5403	254	1760	QZSS (Reserved)	TBD	Active through Aug 2025
195	4352	9859	4056	10126	5403	3445	0430	QZSS (Reserved)	TBD	Active through Aug 2025
196	4678	328	3804	241	5403	2542	3477	QZSS (Reserved)	TBD	Active through Aug 2025
197	5034	1	3672	1245	5403	1257	1676	QZSS (Reserved)	TBD	Active through Aug 2025
198	5085	4733	4205	1274	6501	211	1636	QZSS (Reserved)	TBD	Active through Aug 2025

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199	3646	164	3348	1456	6501	534	2411	QZSS (Reserved)	TBD	Active through Aug 2025
200	4868	135	4152	9967	6501	1420	1473	QZSS (Reserved)	TBD	Active through Aug 2025
201	3668	174	3883	235	6501	3401	2266	QZSS (Reserved)	TBD	Active through Aug 2025
202	4211	132	3473	512	6501	714	2104	QZSS (Reserved)	TBD	Active through Aug 2025
203	2883	538	3669	1078	6501	613	2070	Unallocated	---	---
204	2850	176	3455	1078	6501	2475	1766	Unallocated	---	---
205	2815	198	2318	953	6501	2572	0711	Unallocated	---	---
206	2542	595	2945	5647	6501	3265	2533	Unallocated	---	---
207	2492	574	2947	669	6501	1250	0353	Unallocated	---	---
208	2376	321	3220	1311	6501	1711	1744	Unallocated	---	---
209	2036	596	4052	5827	6501	2704	0053	Unallocated	---	---
210	1920	491	2953	15	6501	135	2222	Unallocated	---	---

Abbreviations:

IMES – Indoor Messaging System

PRN – Pseudorandom Noise

TBD – To Be Determined

MSAS – MTSAT Space-Based Augmentation System

QZSS – Quazi-Zenith Satellite System

ⁱ For further information see the latest edition of IS-GPS-800 at <http://www.gps.gov/technical/icwg/>.

ⁱⁱ For current PRN assignments and orbital information for GPS satellites please see the Navigation Center website at <http://www.navcen.uscg.gov/?Do=constellationStatus>.

ⁱⁱⁱ This PRN number is designated for low-power terrestrial applications solely within Japan.

^{iv} QZSS A1 => RAAN = 0, Argument of Perigee = 270, Mean Anomaly = 324, at Epoch 31Dec 07 00:00:00.