

L1C PRN CODE ASSIGNMENTS

PRN Code Number	L1C _p		L1C _b		L1C _o			PRN Allocations System (Satellite)	Orbital Slot	Effective Through (Month Year)
	Weil Index (w)	Index Insertion (p)	Weil Index (w)	Index Insertion (p)	S1 Polynomial Coefficient (Octal) (mi, j)	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 IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ		See IS-GPS-800 ⁱ			Reserved for SBAS	N/A	N/A
159-210	See Below		See Below		See Below			Reserved for other RNSS Systems & other applications	See Below	See Below

Reserved for Other Radio Navigation Satellite Service (RNSS) Systems & Other Applications (PRNs 159 – 210)

159	3789	958	3812	5450	5403	1363	2065	Unallocated	---	---
160	3775	1471	3594	5215	5403	2331	3024	Reserved	---	---
161	3622	10070	4028	13	5403	3556	2663	Reserved	---	---
162	3523	553	3652	1147	5403	2205	2274	Reserved	---	---
163	3515	5487	4224	4855	5403	3734	2114	Reserved	---	---
164	3492	55	4334	1190	5403	2115	1664	Reserved	---	---
165	3345	208	3245	1267	5403	10	0413	Reserved	---	---
166	3235	645	3921	1302	5403	2140	1512	Reserved	---	---
167	3169	5268	3840	1	5403	3136	0135	Reserved	---	---
168	3157	1873	3514	5007	5403	272	2737	Reserved	---	---
169	3082	427	2922	549	5403	3264	1015	Reserved	---	---
170	3072	367	4227	368	5403	2017	1075	Reserved	---	---
171	3032	1404	3376	6300	5403	2505	1255	Reserved	---	---
172	3030	5652	3560	5658	5403	3532	3473	Reserved	---	---

Changes shown in **bold**
Please refer to IS-GPS-800 for published values

L1C PRN CODE ASSIGNMENTS

PRN Code Number	L1C _p		L1C _d		L1C _o			PRN Allocations System (Satellite)	Orbital Slot	Effective Through (Month Year)
	Weil Index (<i>w</i>)	Index Insertion (<i>p</i>)	Weil Index (<i>w</i>)	Index Insertion (<i>p</i>)	S1 Polynomial Coefficient (<i>Octal</i>) (<i>mi, j</i>)	S1 Initial Condition (<i>Octal</i>)	S2 Initial Condition (<i>Octal</i>)			
173	4582	5	4989	4302	5403	647	2716	Reserved	---	---
174	4595	368	4756	851	5403	1542	0101	Reserved	---	---
175	4068	451	4624	4353	5403	2154	1105	Reserved	---	---
176	4871	9595	4446	9618	5403	3734	1407	Reserved	---	---
177	4514	1030	4174	9652	5403	2621	3407	Reserved	---	---
178	4439	1324	4551	1232	5403	2711	1046	Reserved	---	---
179	4122	692	3972	109	5403	217	3237	Reserved	---	---
180	4948	9819	4399	10174	5403	3503	0154	Unallocated	---	---
181	4774	4520	4562	6178	5403	3457	3010	Unallocated	---	---
182	3923	9911	3133	1851	5403	3750	2245	Unallocated	---	---
183	3411	278	4157	1299	5403	2525	2051	Reserved	---	---
184	4745	642	5053	325	5403	113	2144	Reserved	---	---
185	4195	6330	4536	10206	5403	265	1743	Reserved	---	---
186	4897	5508	5067	9968	5403	1711	2511	Reserved	---	---
187	3047	1872	3905	10191	5403	552	3410	Reserved	---	---
188	4185	5445	3721	5438	5403	675	1414	Reserved	---	---
189	4354	10131	3787	10080	5403	1706	1275	Reserved	---	---
190	5077	422	4674	219	5403	3513	2257	Reserved	---	---
191	4042	4918	3436	758	5403	1135	2331	Reserved	---	---
192	2111	787	2673	2140	5403	566	0276	Reserved	---	---
193	4311	9864	4834	9753	5403	500	3261	Reserved	---	---
194	5024	9753	4456	4799	5403	254	1760	QZSS	See ⁱⁱⁱ	Aug 2030
195	4352	9859	4056	10126	5403	3445	0430	QZSS	See ⁱⁱⁱ	Aug 2030
196	4678	328	3804	241	5403	2542	3477	QZSS	See ⁱⁱⁱ	Aug 2030

Changes shown in **bold**
 Please refer to IS-GPS-800 for published values

L1C PRN CODE ASSIGNMENTS

PRN Code Number	L1C _p		L1C _d		L1C _o			PRN Allocations System (Satellite)	Orbital Slot	Effective Through (Month Year)
	Weil Index (w)	Index Insertion (p)	Weil Index (w)	Index Insertion (p)	S1 Polynomial Coefficient (Octal) (mi, j)	S1 Initial Condition (Octal)	S2 Initial Condition (Octal)			
197	5034	1	3672	1245	5403	1257	1676	QZSS	See ⁱⁱⁱ	Aug 2030
198	5085	4733	4205	1274	6501	211	1636	QZSS (Test)	---	Aug 2030
199	3646	164	3348	1456	6501	534	2411	QZSS	See ⁱⁱⁱ	Aug 2030
200	4868	135	4152	9967	6501	1420	1473	QZSS	See ⁱⁱⁱ	Aug 2030
201	3668	174	3883	235	6501	3401	2266	QZSS	See ⁱⁱⁱ	Aug 2030
202	4211	132	3473	512	6501	714	2104	QZSS (TEST)	---	Aug 2030
203	2883	538	3669	1078	6501	613	2070	Reserved	---	---
204	2850	176	3455	1078	6501	2475	1766	Reserved	---	---
205	2815	198	2318	953	6501	2572	0711	Reserved	---	---
206	2542	595	2945	5647	6501	3265	2533	Reserved	---	---
207	2492	574	2947	669	6501	1250	0353	Reserved	---	---
208	2376	321	3220	1311	6501	1711	1744	Reserved	---	---
209	2036	596	4052	5827	6501	2704	0053	Reserved	---	---
210	1920	491	2953	15	6501	135	2222	Unallocated	---	---

Changes shown in **bold**
Please refer to IS-GPS-800 for published values

L1C PRN CODE ASSIGNMENTS

PRN Code Number	L1C _p		L1C _b		L1C _o			PRN Allocations System (Satellite)	Orbital Slot	Effective Through (Month Year)
	Weil Index (w)	Index Insertion (p)	Weil Index (w)	Index Insertion (p)	S1 Polynomial Coefficient (Octal) (mi, j)	S1 Initial Condition (Octal)	S2 Initial Condition (Octal)			

<p>Definitions:</p> <ul style="list-style-type: none"> • “Unallocated” – This PRN number has not been assigned to a system provider for any signal (L1 C/A, L1C, L2C, or L5). • “Reserved” – This PRN number has been assigned to a system provider for a different signal (L1 C/A, L1C or L5). Therefore, the PRN number for this signal is unassigned but held in reserve. • “SYSTEM (Reserved)” – The system provider has been assigned the PRN for this signal, but the broadcasting satellite is not specified. 	
<p>Abbreviations:</p> <p>ANGA – Augmented Navigation for Africa A-SBAS – Algerian Satellite Based Augmentation System ASECNA – Agency for Aerial Navigation Safety in Africa and Madagascar BDSBAS – BeiDou Satellite-Based Augmentation System EGNOS – European Geostationary Navigation Overlay Service GAGAN – GPS-Aided Geo-Augmented Navigation GBAS – Ground-Based Augmentation System KASS – Korean Augmentation Satellite System KPS – Korean Positioning System</p>	<p>MSAS – Michibiki Satellite Augmentation System Pak-SBAS – Pakistan Satellite Based Augmentation System PRN – Pseudorandom Noise QZSS – Quazi-Zenith Satellite System RNSS – Radio Navigation Satellite Service SBAS – Satellite Based Augmentation System SDCM – System of Differential Correction and Monitoring SPAN – Southern Positioning Augmentation Network (AUS-NZ) WAAS – Wide Area Augmentation System</p>

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

ⁱⁱ For current PRN assignments and orbital information for GPS satellites please see the Navigation Center website at <https://www.navcen.uscg.gov/gps-constellation>

ⁱⁱⁱ For current PRN assignments for QZSS satellites please see the QZSS Constellation Information website at <https://sys.qzss.go.jp/dod/en/constellation.html>

Changes shown in **bold**
Please refer to IS-GPS-800 for published values