

Table of DGNSS Stations			Country: ICELAND			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at (μ V/m)						
Bjarttangar	624 625	412	65° 30.15'N 024° 31.89'W	250	50	Yes	Yes	3 6 7 9 16	300	100	
Djupivogur	630 631	415	64° 39.15' N 014° 16.60' W	250	50	Yes	Yes	3 6 7 9 16	291	100	
Raufarhofn	628 629	414	66° 27.01' N 015° 57.25' W	250	50	Yes	Yes	3 6 7 9 16	289.5	100	
Reykjanes	622 623	411	63° 48.93'N 022° 42.26'W	250	50	Yes	Yes	3 6 7 9 16	293.5	100	
Skagatá	626 627	413	66° 07.16'N 020° 05.92'W	250	50	Yes	Yes	3 6 7 9 16	289	100	
Skardsfjara	632 633	416	63° 31.07'N 017° 58.73'W	250	50	Yes	Yes	3 6 7 9 16	287	100	

Table of DGNSS Stations			Country: INDIA			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at (μ V/m)						
Okha	400 401	100	22° 28' 35.282" N 069° 04' 11.115" E	185	100	Yes	Yes	3,5,7,9,16	296	100	
Porbandar	402 403	101	21° 37' 21.219" N 69° 37' 12.004" E	185	100	Yes	Yes	3,5,7,9,16	293	100	
Gopnath	404 405	102	21° 12' 11.879" N 072° 06' 31.199" E	185	100	Yes	Yes	3,5,7,9,16	299	100	
Hazira	408 409	104	21° 05' 31.433" N 72° 38' 34.607" E	185	100	Yes	Yes	3,5,7,9,16	314	100	
Utan Point	406 407	103	19° 16' 42.182" N 072° 46' 50.854" E	185	100	Yes	Yes	3,5,7,9,16	306	100	
Ratnagiri	420 421	110	16° 59' 16.374" N 073° 16' 20.599" E	185	100	Yes	Yes	3,5,7,9,16	308	100	
Aguada	410 411	105	15° 29' 32.178" N 073° 46' 20.849" E	185	100	Yes	Yes	3,5,7,9,16	288	100	
Suratkal Point	412 413	106	13° 00' 17.027" N 074° 47' 23.386" E	185	100	Yes	Yes	3,5,7,9,16	320	100	
Azhikode (Periyar River)	414 415	107	10° 12' 13.038" N 076° 09' 27.305" E	185	100	Yes	Yes	3,5,7,9,16	301	100	
Minicoy Island	418 419	109	08° 16' 09.958" N 073° 01' 33.265" E	185	100	Yes	Yes	3,5,7,9,16	306	100	
PandiyanThivu	424 425	112	08° 47' 08.913" N 078° 11' 48.560" E	185	100	Yes	Yes	3,5,7,9,16	309	100	
Rameshwaram	446 447	123	09° 17' 01.893" N 079° 18' 31.828" E	185	100	Yes	Yes	3,5,7,9,16	311	100	
Nagapatinam	426 427	113	10° 45' 58.133" N 079° 51' 00.372" E	185	100	Yes	Yes	3,5,7,9,16	323	100	
Pondicherry	422 423	111	11° 54' 59.028" N 079° 49' 51.725" E	185	100	Yes	Yes	3,5,7,9,16	315	100	

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	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Pulicat	430 431	115	13° 25' 15.943" N 080° 19' 36.393" E	185	100	Yes	Yes	3,5,7,9,16	319	100	
Krishnapatnam	432 433	116	14° 15' 17.533" N 080° 07' 33.235" E	185	100	Yes	Yes	3,5,7,9,16	297	100	
Antervedi	436 437	118	16° 19' 01.118" N 081° 43' 32.844" E	185	100	Yes	Yes	3,5,7,9,16	320	100	
Dolphin's Nose Vishakhapatnam	428 429	114	17° 40' 41.986" N 083° 17' 29.149" E	185	100	Yes	Yes	3,5,7,9,16	295	100	
Paradip	440 441	120	20° 15' 21.040" N 086° 39' 19.883" E	185	100	Yes	Yes	3,5,7,9,16	290	100	
Sagar Island	434 435	117	21° 39' 30.557" N 088° 02' 49.105" E	185	100	Yes	Yes	3,5,7,9,16	318	100	
East Island	442 443	121	13° 37' 52.039" N 093° 02' 49.902" E	185	100	Yes	Yes	3,5,7,9,16	313	100	
Keating Point	438 439	119	09° 15' 20.278" N 092° 46' 31.226" E	185	100	Yes	Yes	3,5,7,9,16	317	100	
Campbell Bay	444 445	122	07° 29.91278' N 093° 56' 11.74246" E	185	100	Yes	Yes	3,5,7,9,16	289	100	

Table of DGNSS Stations			Country: IRELAND			Date of issue: July 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
Loop Head	665	432	52° 33'N 009° 55'W	277	50	Yes	Yes	3 7 9 16 27	293	100	
Mizen Head	660	430	51° 27' N 009° 48' W	277	50	Yes	Yes	3 7 9 16 27	284	100	
Tory Island	670	435	55° 16'N 008° 14'W	370	50	Yes	Yes	3 7 9 16 27	288.5	100	

Table of DGNSS Stations			Country: ITALY			Date of issue: January 2002 Date of last update: August 2015					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Capo Ferro			41° 09'N 009° 31'E	277	75	Off	No	3 5 9 16	298	100	
Messina (Piale)			38° 13.5'N 015° 38.7'E	277	75	Off	No	3 5 9 16	295	100	
Monfalcone			45° 47.3'N 013° 32.2' E	277	75	Off	No	3 5 9 16	308	100	
Piombino			42° 55'N 010° 37' E	277	75	Off	No	3 5 9 16	304	100	
Vieste			41°53'N 016°11'E	277	75	Off	No	3 5 9 16	292.5	100	
Sellia Marina			38°52'N 016° 43'E	277	75	Off	No	3 5 9 16	290	100	

Table of DGNSS Stations			Country: JAPAN			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
Abashiri	662 663	631	43° 59' 53" N 144° 17' 26" E	200	100	Yes	Yes	3, 7, 9, 16	309	200	
Daio Saki	692 693	646	34° 16' 42" N 136° 54' 03" E	200	100	Yes	Yes	3, 7, 9, 16	288	200	
E Saki	696 697	648	34° 35' 49" N 134° 59' 32" E	200	100	Yes	Yes	3, 7, 9, 16	320.5	200	
Yaese	710 711	655	26° 07' 55" N 127° 42' 58" E	200	100	Yes	Yes	3, 7, 9, 16	288	200	
HachijoShima	688 689	644	33° 04' 46" N 139° 51' 14" E	200	100	Yes	Yes	3, 7, 9, 16	302	200	
Hamada	670 671	635	34° 52' 42" N 132° 02' 20" E	200	100	Yes	Yes	3, 7, 9, 16	305	200	
HekuraShima	674 675	637	37° 51' 08" N 136° 55' 13" E	200	100	Yes	Yes	3, 7, 9, 16	295	200	
Inubo Saki	682 683	641	35° 42' 27" N 140° 52' 05" E	200	100	Yes	Yes	3, 7, 9, 16	295	200	
Tsurugi Saki	686 687	643	35° 08' 28" N 139° 40' 31" E	200	100	Yes	Yes	3, 7, 9, 16	309	200	
Kinkasan	680 681	640	38° 16' 38" N 141° 34' 59" E	200	100	Yes	Yes	3, 7, 9, 16	316	200	
Kushiro Saki	660 661	630	42° 58' 06" N 144° 22' 29" E	200	100	Yes	Yes	3, 7, 9, 16	288	200	
Matsumae	668 669	634	41° 25' 20" N 140° 05' 12" E	200	100	Yes	Yes	3, 7, 9, 16	309	200	
MiyakoShima	712 713	656	24° 43' 47" N 125° 26' 10" E	200	100	Yes	Yes	3, 7, 9, 16	316	200	
MurotoZaki	694 695	647	33° 15' 06" N 134° 10' 36" E	200	100	Yes	Yes	3, 7, 9, 16	295	200	
Nagoya	690 691	645	35° 02' 07" N 136° 50' 45" E	200	100	Yes	Yes	3, 7, 9, 16	320	200	
Tokara Nakano Shima	708 709	654	29° 49' 20" N 129° 54' 56" E	200	100	Yes	Yes	3, 7, 9, 16	320.5	200	

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	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
Ohama	698 699	649	34° 05' 24" N 132° 59' 29" E	200	100	Yes	Yes	3, 7, 9, 16	321	200	
Ose Saki	704 705	652	32° 37' 01" N 128° 36' 21" E	200	100	Yes	Yes	3, 7, 9, 16	302	200	
Sakata	676 677	638	38° 56' 46" N 139° 49' 22" E	200	100	Yes	Yes	3, 7, 9, 16	288	200	
Seto	700 701	650	33° 26' 04" N 132° 13' 14" E	200	100	Yes	Yes	3, 7, 9, 16	320	200	
Shakotan	666 667	633	43° 22' 14" N 140° 28' 04" E	200	100	Yes	Yes	3, 7, 9, 16	316	200	
Shiriyu Saki	678 679	639	41° 25' 43" N 141° 27' 46" E	200	100	Yes	Yes	3, 7, 9, 16	302	200	
Soya Misaki	664 665	632	45° 31' 14" N 141° 56' 10" E	200	100	Yes	Yes	3, 7, 9, 16	295	200	
Tango	672 673	636	35° 44' 19" N 135° 05' 10" E	200	100	Yes	Yes	3, 7, 9, 16	316	200	
ToiMisaki	706 707	653	31° 22' 23" N 131° 20' 04" E	200	100	Yes	Yes	3, 7, 9, 16	309	200	
Urayasu	684 685	642	35° 37' 01" N 139° 53' 51" E	200	100	Yes	Yes	3, 7, 9, 16	321	200	
Wakamiya	702 703	651	33° 52' 09" N 129° 41' 11" E	200	100	Yes	Yes	3, 7, 9, 16	295	200	

Table of DGNSS Stations			Country: KOREA				Date of issue: November 2006 Date of last update: September 2015				
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Homigot	732 733	666	36° 04' 40.96" N 129° 33' 59.98" E	185	100	Yes	Yes	3,5,7,9,16	310	200	
Jumunjin	726 727	663	37° 53' 52.18" N 128° 50' 01.57" E	185	100	Yes	Yes	3,5,7,9,16	295	200	
Eocheongdo	728 729	664	36° 07' 30.73" N 125° 58' 06.52" E	185	100	Yes	Yes	3,5,7,9,16	295	200	
Geomundo	724 725	662	34° 00' 27.49" N 127° 19' 20.27" E	185	100	Yes	Yes	3,5,7,9,16	287	200	
Marado	730 731	665	33° 07' 00.95" N 126° 16' 08.91" E	185	100	Yes	Yes	3,5,7,9,16	290	200	
Palmido	722 723	661	37° 21' 30.00" N 126° 30' 40.54" E	185	100	Yes	Yes	3,5,7,9,16	313	200	
Ulleungdo	734 735	667	37° 31' 06.28" N 130° 47' 51.73" E	185	100	Yes	Yes	3,5,7,9,16	319	200	
Yeongdo	720 721	660	35° 03' 43.88" N 129° 04' 14.61" E	185	100	Yes	Yes	3,5,7,9,16	300	200	
Socheongdo	736 737	668	37° 45' 37.27" N 124° 43' 43.56" E	185	100	Yes	Yes	3,5,7,9,16	323	200	
Gageodo	738 739	669	34° 05' 41.62" N 125° 05' 56.10" E	185	100	Yes	Yes	3,5,7,9,16	298	200	
Jeojin	740 741	670	38° 33' 07.47" N 128° 23' 55.47" E	185	100	Yes	Yes	3,5,7,9,16	292	200	
Chuncheon	757 758	676	37° 59' 40.18" N 127° 42' 53.87" E	80	100	Yes	Yes	3,5,7,9,16	286	200	
Chungju	753 754	674	36° 58' 55.69" N 127° 45' 16.62" E	80	100	Yes	Yes	3,5,7,9,16	318	200	
Muju	747 748	671	35° 54' 12.46" N 127° 34' 58.97" E	80	100	Yes	Yes	3,5,7,9,16	322	200	

Table of DGNSS Stations			Country: KOREA			Date of issue: November 2006 Date of last update: September 2015					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
Pyeongchang	751 752	673	37° 20' 58.67" N 128° 29' 15.57" E	80	100	Yes	Yes	3,5,7,9,16	303	200	
Yeongju	749 750	672	36° 51' 56.53" N 128° 32' 41.55" E	80	100	Yes	Yes	3,5,7,9,16	289	200	
Seongju	755 756	675	35° 56' 17.26" N 128° 10' 59.94" E	80	100	Yes	Yes	3,5,7,9,16	296	200	

Table of DGNSS Stations			Country: LATVIA			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Ventspils			57° 24' N 21° 32' E	74	50	Not in operation			308.5		1

Remarks

1. Ventspils Reference station is out of order for several years now and the Port Authority has no plans to do anything about it.

Table of DGNSS Stations			Country: LITHUANIA				Date of issue: January 2002 Date of last update: November 2014				
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Klaipeda		535	55° 43' 66" N 021° 05' 74" E	100	50	Yes	Yes	3 6 9 16	304.5	200	

Table of DGNSS Stations			Country: MALAYSIA			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Bagan Datuk	120 121	740	03° 59' N 100° 47' E	300	100	Yes	Yes	3 5 6 7 9 16	288	200	
Bandar Melaka	124 125	742	02° 11' N 102° 14' E	220	100	Yes	Yes	3 5 6 7 9 16	294	200	
Kuantan	122 123	741	03° 49' N 103° 20' E	340	100	Yes	Yes	3 5 6 7 9 16	291	200	
Kuala Besar	126 127	743	06° 13' N 102° 14' E	340	100	Yes	Yes	3 5 6 7 9 16	296	200	
Bintulu	821		03° 11' N 130° 2' E	450	40	On Trial	Yes	1 3 7 9 16	290	200	
Kuching	822		01° 43' N 110° 31' E	400	40	On Trial	Yes	1 3 7 9 16	305	200	

Table of DGNSS Stations			Country: MEXICO			Date of issue: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						

Remarks

1. No DGPS Service currently

Table of DGNSS Stations			Country: NETHERLANDS			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
GilzeRijen	652 653	426	51° 37' N 04° 55' E	185	50	Yes	Yes	3 6 7 9	302	200	
Hoek van Holland	650 651	425	51° 58' N 04° 06' E	220	50	Yes	Yes	2 3 5 7 9 16	312.5	200	
VlielandPhare	655 656	428	53° 18' N 05° 04' E	220	50	Yes	Yes	2 3 5 7 9	294	200	
Ijmuiden Phare			52° 27' N 04° 34' E	90	50	Planned			301		

Table of DGNSS Stations			Country: NEW ZEALAND			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						

Remarks

1. No DGPS Service at the moment

Table of DGNSS Stations			Country: NORWAY			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V/m}$)						
Andenes	794	515	69° 19.7' N 016° 08.0' E	300	50	Operational	Yes	1 2 7 16 27	311	200	
Færder	780	500	59° 01.6' N 010° 31.5' E	300	50	Operational	Yes	1 2 7 16 27	310.5	200	
Fruholmen	797	518	71° 05.6' N 023° 58.9' E	300	50	Operational	Yes	1 2 7 16 27	309.5	200	
Halten	790	510	64° 10.4' N 009° 24.4' E	300	50	Operational	Yes	1 2 7 16 27	301	200	
Lista	783	503	58° 06.6' N 006° 34.0' E	300	50	Operational	Yes	1 2 7 16 27	304	200	
Sklinna	791	511	65° 12.1' N 010° 59.7' E	300	50	Operational	Yes	1 2 7 16 27	305.5	200	
Skomvær	793	513	67° 24.7' N 011° 52.5' E	300	50	Operational	Yes	1 2 7 16 27	286.5	200	
Svinøy	788	508	62° 19.7' N 005° 16.1' E	300	50	Operational	Yes	1 2 7 16 27	302.5	200	
Torsvåg	796	516	70° 14.7' N 019° 30.4' E	300	50	Operational	Yes	1 2 7 16 27	284	200	
Utsira	785	505	59° 18.5' N 004° 52.3' E	300	50	Operational	Yes	1 2 7 16 27	313	200	
Utvær	787	507	61° 02.2' N 004° 30.6' E	300	50	Operational	Yes	1 2 7 16 27	314	200	
Vardø	800	520	70° 23.3' N 031° 09.3' E	300	50	Operational	Yes	1 2 7 16 27	305.5	200	

Table of DGNSS Stations			Country: OMAN				Date of issue: November 2014				
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at (μ V/m)						
Ras Al Hadd	490 491	150	22° 28'07" N 059° 47'00"E	500	100	Yes	Yes	3 5 6 7 9 16	300	200	
RasMadrakah	492 493	151	19° 02'52" N 057° 43'31"E	550	100	Yes	Yes	3 5 6 7 9 16	305	200	
Marbat	494 495	152	16° 57'60" N 054° 45'03"E	550	100	Yes	Yes	3 5 6 7 9 16	310	200	

Table of DGNSS Stations			Country: PANAMA				Date of issue: January 2004 Date of last update: November 2014				
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Gatun	903 904	971	09° 15.5' N 079° 56.2' W	50	70	Yes	Yes	3, 9, 16	307	200	
Miraflores	901 902	972	08° 59.6' N 079° 35.1' W	50	70	Yes	Yes	3, 9, 16	302	200	

Table of DGNSS Stations			Country: POLAND			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Dziwnów	741 742	481	54° 01' N 014° 44' E	220	50	Yes	Yes	3,7,9,16	283.5	100	1
Rozewie	743 744	482	54° 49' N 018° 20' E	250	50	Yes	Yes	3,7,9,16	301.0	100	1

Remarks

1. National DGPS-PL is supported by 3 far field monitoring stations

Table of DGNSS Stations			Country: PORTUGAL			Date of issue: January 2002 Date of last update: November 2014					
Station name	Identification Numbers		Geographical Position Latitude Longitude (WGS84)	Nominal range		Station in operation	Integrity Monitoring	Transmitted message types	Freq. (kHz)	Bit Rate (bps)	Remarks
	Reference Stations	Transmitting Station		km	at ($\mu\text{V}/\text{m}$)						
Cabo Carvoeiro	480 481	340	39° 21' N 09° 24' W	370	118	Yes	Yes	1,9	311.5	200	
Horta	484 485	342	38° 32' N 28° 37' W	545	123	Yes	Yes	1,9	308	200	
Porto Santo	486 487	343	33° 05' N 16° 20' W	370	115	Yes	Yes	1,9	287.5	200	
Sagres	482 483	341	37° 00' N 08° 00' W	370	118	Yes	Yes	1,9	305.5	200	