



## **WILDGOOSE** GPS and Navigation Service

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### Overview of satellites used in SBAS

SBAS	Mode	PRN	GID	Space Vehicle	Status / Remark	SV Location
EGNOS	MT0/2	120	33	Inmarsat 3 F2 (AOR-E)	EGNOS Initial Operation	W 15,5 deg., Westafrika
EGNOS	MT0/2	126	39	Inmarsat 3 F5 (IOR-W)	EGNOS Initial Operation	Africa (Kongo)
EGNOS	MT0/0	124	37	ARTEMIS	System Test Status	Africa (Kongo)
EGNOS		131	44	Inmarsat 3 F1 (IOR)	discontinued	Indischer Ozean
WAAS		135	48	Intelsat (PanAmSat), Galaxy 15		W 133 deg.
WAAS		138	51	Telesat ANIK 1fR		W 107,3 deg.
WAAS		134	47	Inmarsat 3 F3 (POR)	discontinued	Pazifik
WAAS		122	35	Inmarsat 3 F4 (AOR-W)	discontinued	Ostküste Brasiliens
MSAS		129	42	MTSAT-1R	mode according to TSO-C145a/146a	
MSAS		137	50	MTSAT-2	mode according to TSO-C145a/146a	
GAGAN				GSAT-4	planned	

### List of Message Types (MTs) used in SBAS

Message type	Contents
0	"Do Not Use"(SBAS test mode)
1	PRN mask
2 to 5	Fast corrections
6	Integrity information
7	Fast correction degradation factor
8	Spare
9	GEO ranging function parameters
10	Degradation parameters
11	Spare
12	SBAS network time/UTC offset parameters

13 to 16	Spare
17	GEO satellite almanacs
18	Ionospheric grid point masks
19 to 23	Spare
24	Mixed fast/long-term satellite error corrections
25	Long-term satellite error corrections
26	Ionospheric delay corrections
27	SBAS service message
28	Clock-ephemeris covariance matrix
29 to 61	Spare
62	Reserved
63	Null message