

Command List

The following table lists the set of commands and arguments supported by the receiver. A full description of the commands can be found in the Command Line Interface Reference Guide.

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sam gam	setAGCMode getAGCMode	Band <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+L1 +L2L5 all	<u>auto</u> frozen manual	0 ... 35 ... 70 dB						
lai	IstAntennaInfo	Antenna								
		Overview Main [antenna name]								
sal gal	setAntennaLocation getAntennaLocation	Antenna <i>Antenna</i>	<i>Mode</i>	<i>DeltaX</i>	<i>DeltaY</i>	<i>DeltaZ</i>				
		+Base all	<u>auto</u> manual	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m				
sao gao	setAntennaOffset getAntennaOffset	Antenna <i>Antenna</i>	<i>DeltaE</i>	<i>DeltaN</i>	<i>DeltaU</i>	<i>Type (20)</i>	<i>SerialNr (20)</i>	<i>SetupID</i>		
		+Main all	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	<u>Unknown</u>	<u>Unknown</u>	0 ... 255		
sto gto	setAttitudeOffset getAttitudeOffset	<i>Heading</i>	<i>Pitch</i>							
		0.0 ... 360.0 deg	-90.0 ... 0.0 ... 90.0 deg							
sca gca	setChannelAllocation getChannelAllocation	Channel <i>Channel</i>	<i>Satellite</i>	<i>Search</i>	<i>Doppler</i>	<i>Window</i>				
		+Ch01 ... Ch29 all	<u>auto</u> G01 ... G32 F01 ... F21 E01 ... E32 S120 ... S140 J01 J02 J03	<u>auto</u> manual	-50000 ... 0 ... 50000 Hz	1 ... 16000 ... 100000 Hz				
gcc	getChannelConfiguration	<i>Channel</i>								
		+Ch01 ... Ch29 all								
scst gcst	setClockSyncThreshold getClockSyncThreshold	<i>Threshold</i>								
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5								
sc2f gc2f	setCMRv2Formatting getCMRv2Formatting	<i>ReferenceID</i>								
		0 ... 31								
sc2i gc2i	setCMRv2Interval getCMRv2Interval	Message <i>Message</i>	<i>Interval</i>							
		+CMR0 +CMR1 +CMR2 +CMR3 all	0.1 ... 1.0 ... 600.0 sec							
sc2m gc2m	setCMRv2Message2 getCMRv2Message2	<i>ShortID (8)</i>	<i>LongID (50)</i>	<i>COGO (16)</i>						
		<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>						
sc2o gc2o	setCMRv2Output getCMRv2Output	Cd <i>Cd</i>	<i>Messages</i>							
		+COM1	none							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+COM2 +COM3 +COM4 +USB1 +USB2 all	+CMR0 +CMR1 +CMR2 +CMR3 all							
sc2u gc2u	setCMRv2Usage getCMRv2Usage	MsgUsage								
		none +CMR0 +CMR1 +CMR2 +CMR3 +CMR0p +CMR0w all								
scm gcm	setCN0Mask getCN0Mask	Signal Signal	Mask							
		+GPSL1CA +Reserved1 +Reserved2 +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 +QZSL1CA +QZSL2C +QZSL5 all	0 ... 10 ... 60 dB- Hz							
help	IstCommandHelp	Action (255)								
		Overview								
scs gcs	setCOMSettings getCOMSettings	Cd Cd	Rate	DataBits	Parity	StopBits	FlowControl			
		+COM1 +COM2 +COM3 +COM4 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 baud115200 baud230400 baud460800	bits8	No	bit1	none RTS CTS			
lcf	IstConfigFile	File								
		Current Boot RxDefault User1 User2								
ecf gcf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
sdio gdio	setDataInOut getDataInOut	Cd Cd	Input	Output	(Show)					
		+DSK1 +COM1 +COM2 +COM3 +COM4 +USB1 +USB2	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2	none +RTCMv2 +RTCMv3 +CMRv2 +SBF +NMEA +ASCIIIDisplay	(off) (on)					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		all	RTCMV ASCIIIN auto	+DC1 +DC2						
sdca gdca	setDiffCorrMaxAge getDiffCorrMaxAge	DGPSCorr	RTKCorr	PPPCorr	Iono					
		0.0 ... 120.0 ... 3600.0 sec	0.0 ... 20.0 ... 3600.0 sec	0.0 ... 360.0 ... 3600.0 sec	0.0 ... 600.0 ... 3600.0 sec					
sdcu gdcu	setDiffCorrUsage getDiffCorrUsage	Mode	MaxAge	BaseSelection	BaseID	MovingBase	MaxBase	MaxBaseline		
		LowLatency	0.1 ... 3600.0 sec	auto manual	0 ... 4095	off on	2 ... 5 ... 10	0 ... 2500000 m		
sdfa gdfa	setDiskFullAction getDiskFullAction	Disk Disk	Action							
		+DSK1 all	DeleteOldest StopLogging							
ldi	IstDiskInfo	Disk	Directory (60)							
		DSK1 all								
eeem geem	exeEchoMessage getEchoMessage	Cd	Message (242)	EndOfLine						
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2	A:Unknown	none +CR +LF all						
sem gem	setElevationMask getElevationMask	Engine Engine	Mask							
		+Tracking +PVT all	-90 ... 0 ... 90 deg							
sep gep	setEventParameters getEventParameters	Event Event	Polarity							
		+EventA +EventB all	Low2High High2Low							
sfn gfn	setFileNaming getFileNaming	Disk Disk	NamingType	FileName (8)						
		+DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfr gfr	setFixReliability getFixReliability	Engine Engine	SearchVolume	Ratio						
		+RTK all	0.001 ... 0.200 ... 10.000	1.00 ... 4.40 ... 20.00						
sfn gfn	setFrontendMode getFrontendMode	Mode								
		Nominal GLO2Blocked								
sgd ggd	setGeodeticDatum getGeodeticDatum	TargetDatum								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 Default User1 User2								
sgu ggu	setGeoidUndulation getGeoidUndulation	Mode	Undulation							
		auto manual	-250.0 ... 0.0 ... 250.0 m							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sga gga	setGNSSAttitude getGNSSAttitude	Source								
		none MovingBase								
sgpf ggpf	setGPIOFunctionality getGPIOFunctionality	GPPin GPPin	Mode	Input	Output					
		+GP1 +GP2 +GP3 all	Output	none	LevelLow LevelHigh					
shm ghm	setHealthMask getHealthMask	Engine Engine	Mask							
		+Tracking +PVT all	off on							
lif	IstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError SetupError								
sim gim	setIonosphereModel getIonosphereModel	Model								
		auto off Klobuchar SBAS MultiFreq								
slpc glpc	setLBAS1PPPConfig getLBAS1PPPConfig	Source								
		ULTRA APEX								
slm glm	setLEDMode getLEDMode	GPLED								
		DIFFCORLED PVTLED LOGLED								
smv gmv	setMagneticVariance getMagneticVariance	Mode	Variance							
		auto manual	-180.0 ... 0.0 ... 180.0 deg							
emd gmd	exeManageDisk getManageDisk	Disk	Action							
		DSK1	Unmount Format							
smp gmp	setMarkerParameters getMarkerParameters	MarkerName (60)	MarkerNumber (20)	MarkerType (20)						
		SEPT	Unknown	Unknown						
lmd	IstMIBDescription	File (255)								
		Overview SBFTable								
smm gmm	setMultipathMitigation getMultipathMitigation	Code	Carrier							
		off on	off on							
snc gnrc	setNetworkRTKConfig getNetworkRTKConfig	NetworkType								
		auto VRS								
enoc gnoc	exeNMEAOnce getNMEAOnce	Cd	Messages							
		DSK1 COM1 COM2 COM3	+ALM +DTM +GBS +GGA							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		COM4 USB1 USB2	+GLL +GNS +GRS +GSA +GST +GSV +HDT +RMC +ROT +VTG +ZDA +HRP +LLQ +RBP +RBV +RBD +AVR +GGK							
sno gno	setNMEAOutput getNMEAOutput	<i>Stream</i> <i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					
		+Stream1 ... Stream10 all	<i>none</i> DSK1 COM1 COM2 COM3 COM4 USB1 USB2	<i>none</i> +ALM +DTM +GBS +GGA +GLL +GNS +GRS +GSA +GST +GSV +HDT +RMC +ROT +VTG +ZDA +HRP +LLQ +RBP +RBV +RBD +PUMRD +AVR +GGK	<i>off</i> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snp gnp	setNMEAPrecision getNMEAPrecision	<i>NrExtraDigits</i>	<i>Compatibility</i>							
		<i>Q ... 3</i>	<i>Nominal</i> Mode1 Mode2							
snti gnti	setNMEATalkerID getNMEATalkerID	<i>TalkerID</i>								
		<i>GP</i> GN								
sni gni	setNWALevels getNWALevels	<i>Mode</i>	<i>HAL</i>	<i>VAL</i>						
		<i>off</i> <i>on</i>	0.00 ... <u>1.20</u> ... 1000.00 m	0.00 ... <u>2.00</u> ... 1000.00 m						
soc goc	setObserverComment getObserverComment	<i>Comment (120)</i>								
		<i>Unknown</i>								
sop gop	setObserverParameters getObserverParameters	<i>Observer (20)</i>	<i>Agency (40)</i>							
		<i>Unknown</i>	<i>Unknown</i>							
spe gpe	setPeriodicEcho getPeriodicEcho	<i>Cd</i> <i>Cd</i>	<i>Message (201)</i>	<i>Interval</i>						
		+COM1 +COM2 +COM3 +COM4 all	A:Unknown	<i>off</i> once msec100 msec200 msec500						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
				sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
ep- wm gp- wm	exePowerMode getPowerMode	Mode								
		ScheduledSleep StandBy								
spas gpas	setPPPAutoSeed getPPPAutoSeed	Mode								
		none +DGPS +RTKFixed all								
spdo gp- do	setPPPDatumOffset getPPPDatumOffset	Mode	DX	DY	DZ					
		manual	-1000.000 ... 0.000 ... 1000.000 m	-1000.000 ... 0.000 ... 1000.000 m	-1000.000 ... 0.000 ... 1000.000 m					
epss gpss	exePPPSetSeedGeod getPPPSetSeedGeod	Latitude	Longitude	Altitude	Datum					
		-90.000000000 ... 0.000000000 ... 90.000000000 deg	-180.000000000 ... 0.000000000 ... 180.000000000 deg	-1000.0000 ... 0.0000 ... 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 User1 User2 Other					
spps gpss	setPPSPParameters getPPSPParameters	Interval	Polarity	Delay	TimeScale	MaxSyncAge				
		off msec100 msec200 msec500 sec1 sec2 sec5 sec10	Low2High High2Low	-1000000.00 ... 0.00 ... 1000000.00 nsec	TimeSys UTC RxClock GLONASS	1 ... 60 ... 3600 sec				
spm gpm	setPVTMode getPVTMode	Mode	RoverMode	StaticPosition	ExtSensorInte- gration					
		Static Rover	+StandAlone +SBAS +DGPS +RTKFloat +RTKFixed +PPP +RTK all	auto Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5	off					
srl grl	setRAIMLevels getRAIMLevels	Mode	Pfa	Pmd	Reliability					
		off on	-12 ... -4 ... -1	-12 ... -4 ... -1	-12 ... -3 ... -1					
grc	getReceiverCapabilities									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
srdd grd	setReceiverDynamics getReceiverDynamics	<i>Level</i>	<i>Motion</i>							
		Max High <u>Moderate</u> Low	Static Quasistatic Pedestrian <u>Automotive</u> RaceCar HeavyMachinery UAV Unlimited							
gri	getReceiverInterface	<i>Item</i>								
		+RxName +SNMPLanguage +SNMPVersion all								
lrf	lstRecordedFile	<i>Disk</i>	<i>FileName (60)</i>							
		DSK1								
era gra	exeRegisteredApplications getRegisteredApplications	<i>Cd</i> <i>Cd</i>	<i>Application (12)</i>							
		+COM1 +COM2 +COM3 +COM4 +USB1 +USB2 all	<u>Unknown</u>							
erf grf	exeRemoveFile getRemoveFile	<i>Disk</i>	<i>FileName (60)</i>							
		<u>DSK1</u>	<u>none</u> all							
ernf grnf	exeResetNavFilter getResetNavFilter	<i>Level</i>								
		+PVT +AmbRTK all								
erst grst	exeResetReceiver getResetReceiver	<i>Level</i>	<i>EraseMemory</i>							
		Soft <u>Hard</u> Upgrade	<u>none</u> +Config +PVTData +SatData +BaseStations all							
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<i>PRCType</i>	<i>GLOToD</i>							
		<u>Standard</u> GroupDelay	<u>Tk</u> Tb							
sr2f gr2f	setRTCMv2Formatting getRTCMv2Formatting	<i>ReferenceID</i>	<i>GLOToD</i>							
		Q ... 1023	<u>Tk</u> Tb							
sr2i gr2i	setRTCMv2Interval getRTCMv2Interval	<i>Message</i> <i>Message</i>	<i>ZCount</i>							
		+RTCM1 +RTCM3 +RTCM9 +RTCM16 +RTCM22 +RTCM23 24 +RTCM31 +RTCM32 all	1 ... 2 ... 1000							
sr2b gr2b	setRTCMv2IntervalObs getRTCMv2IntervalObs	<i>Message</i> <i>Message</i>	<i>Interval</i>							
		+RTCM18 19	1 ... 600 sec							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+RTCM20 21 all								
sr2m gr2m	setRTCMv2Message16 getRTCMv2Message16	Message (90)								
		Unknown								
sr2o gr2o	setRTCMv2Output getRTCMv2Output	Cd Cd	Messages							
		+COM1 +COM2 +COM3 +COM4 +USB1 +USB2 all	none +RTCM1 +RTCM3 +RTCM9 +RTCM16 +RTCM18 19 +RTCM20 21 +RTCM22 +RTCM23 24 +RTCM31 +RTCM32 +DGPS +RTK all							
sr2u gr2u	setRTCMv2Usage getRTCMv2Usage	MsgUsage								
		none +RTCM1 +RTCM3 +RTCM9 +RTCM15 +RTCM18 19 +RTCM20 21 +RTCM22 +RTCM23 24 +RTCM31 +RTCM32 +RTCM59 all								
sr3t gr3t	setRTCMv3CRSTransfo getRTCMv3CRSTransfo	Mode	TargetName (32)							
		auto manual								
sr3d gr3d	setRTCMv3Delay getRTCMv3Delay	Delay								
		Q ... 600 sec								
sr3f gr3f	setRTCMv3Formatting getRTCMv3Formatting	ReferenceID								
		Q ... 4095								
sr3i gr3i	setRTCMv3Interval getRTCMv3Interval	Message Message	Interval							
		+RTCM1001 2 +RTCM1003 4 +RTCM1005 6 +RTCM1007 8 +RTCM1009 10 +RTCM1011 12 +RTCM1013 +RTCM1033 all	0.1 ... 1.0 ... 600.0 sec							
sr3o gr3o	setRTCMv3Output getRTCMv3Output	Cd Cd	Messages							
		+COM1 +COM2 +COM3 +COM4 +USB1 +USB2 all	none +RTCM1001 +RTCM1002 +RTCM1003 +RTCM1004 +RTCM1005 +RTCM1006 +RTCM1007 +RTCM1008 +RTCM1009 +RTCM1010							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
			+RTCM1011 <u>+RTCM1012</u> +RTCM1013 <u>+RTCM1033</u> all							
sr3u gr3u	setRTCMv3Usage getRTCMv3Usage	<i>MsgUsage</i>								
		none +RTCM1001 ... <u>RTCM1013</u> +RTCM1015 +RTCM1016 +RTCM1017 +RTCM1021 +RTCM1022 +RTCM1023 +RTCM1033 +RTCM1037 +RTCM1038 +RTCM1039 all								
sst gst	setSatelliteTracking getSatelliteTracking	<i>Satellite</i>								
		none +G01 ... <u>G32</u> +R01 ... <u>R24</u> +E01 ... <u>E32</u> +S120 ... <u>S140</u> +J01 +J02 +J03 +GPS +GLONASS +GALILEO +SBAS +QZSS all								
ssu gsu	setSatelliteUsage getSatelliteUsage	<i>Satellite</i>								
		none +G01 ... <u>G32</u> +R01 ... <u>R24</u> +E01 ... <u>E32</u> +S120 ... <u>S140</u> +GPS +GLONASS +GALILEO +SBAS all								
ssbc gsbc	setSBASCorrections getSBASCorrections	<i>Satellite</i>	<i>SISMode</i>	<i>NavMode</i>	<i>DO229Version</i>					
		<u>auto</u> EGNOS WAAS MSAS S120 ... S140	Test <u>Operational</u>	<u>EnRoute</u> PrecApp	<u>auto</u> DO229C					
ssgp gsgp	setSBFGroups getSBFGroups	Group <i>Group</i>	<i>Messages</i>							
		+Group1 +Group2 +Group3 +Group4 all	none [SBF List] +Measurements +RawNavBits +GPS +GLO +GAL +GEO +PVTCart +PVTGeod +PVTEExtra +Attitude +Time +Events							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
			+DiffCorr +Status +Rinex +Support +RawData +GUI							
esoc gsoc	exeSBFOnce getSBFOnce	<i>Cd</i>	<i>Messages</i>							
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2	[SBF List] +Measurements +GPS +GLO +GAL +GEO +PVTCart +PVTGeod +PVTEExtra +Attitude +Time +Status +UserGroups +Rinex +Support +RawData +GUI							
sso gso	setSBFOutput getSBFOutput	<i>Stream</i> <i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					
		+Stream1 ... Stream10 +Res1 +Res2 +Res3 +Res4 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2	none [SBF List] +Measurements +RawNavBits +GPS +GLO +GAL +GEO +PVTCart +PVTGeod +PVTEExtra +Attitude +Time +Event +DiffCorr +Status +UserGroups +Rinex +Support +RawData +GUI	off OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snt gnt	setSignalTracking getSignalTracking	<i>Signal</i>								
		+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 +QZSL1CA +QZSL2C +QZSL5 all								
snu gnu	setSignalUsage getSignalUsage	<i>Signal</i>	<i>NavData</i>							
		+GPSL1CA +GPSL1PY +GPSL2PY	+GPSL1CA +GPSL1PY +GPSL2PY							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 all	+GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 all							
ssi gsi	setSmoothingInterval getSmoothingInterval	Signal Signal	Interval	Alignment						
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 +QZSL1CA +QZSL2C +QZSL5 all	Q ... 1000 sec	Q ... 1000 sec						
sspc gspc	setStaticPosCartesian getStaticPosCartesian	Position Position	X	Y	Z	Datum				
		+Cartesian1 +Cartesian2 +Cartesian3 +Cartesian4 +Cartesian5 all	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 User1 User2 Other				
sspg gspg	setStaticPosGeodetic getStaticPosGeodetic	Position Position	Latitude	Longitude	Altitude	Datum				
		+Geodetic1 +Geodetic2 +Geodetic3 +Geodetic4 +Geodetic5 all	-90.0000000000 ... 0.0000000000 ... 90.0000000000 deg	-180.0000000000 ... 0.0000000000 ... 180.0000000000 deg	-1000.0000 ... 0.0000 ... 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 User1 User2 Other				
sts gts	setTimingSystem getTimingSystem	System System								
		GST GPS								
stlp gtlp	setTrackingLoopParameters getTrackingLoopParameters	Signal Signal	DLLBandwidth	PLLBandwidth	MaxTpDLL	MaxTpPLL	Adaptive			
		+GPSL1CA +Reserved1 +Reserved2 +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GEOL1 +GEOL5 +QZSL1CA +QZSL2C +QZSL5	0.01 ... 0.25 ... 5.00 Hz	1 ... 15 ... 100 Hz	1 ... 100 ... 500 msec	1 ... 10 ... 200 msec	off on			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		all								
stm gtn	setTroposphereModel getTroposphereModel	ZenithModel	MappingModel							
		off Saastamoinen MOPS	Niell MOPS							
stp gtp	setTroposphereParameters getTroposphereParameters	Temperature	Pressure	Humidity						
		-100.0 ... 15.0 ... 100.0 degC	800.00 ... 1013.25 ... 1500.00 hPa	0 ... 50 ... 100 %						
sud gud	setUserDatum getUserDatum	Datum Datum	Tx	Ty	Tz	Rx	Ry	Rz	D	
		+User1 +User2 all	-2000000.00 ... 0.00 ... 2000000.00 mm	-2000000.00 ... 0.00 ... 2000000.00 mm	-2000000.00 ... 0.00 ... 2000000.00 mm	-100.0000 ... 0.0000 ... 100.0000 mas	-100.0000 ... 0.0000 ... 100.0000 mas	-100.0000 ... 0.0000 ... 100.0000 mas	-100.00000 ... 0.00000 ... 100.00000 ppb	
sudv gudv	setUserDatumVel getUserDatumVel	Datum Datum	TxVel	TyVel	TzVel	RxVel	RyVel	RzVel	DVel	RefYear
		+User1 +User2 all	-2000.00 ... 0.00 ... 2000.00 mm/ yr	-2000.00 ... 0.00 ... 2000.00 mm/ yr	-2000.00 ... 0.00 ... 2000.00 mm/ yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-1.00000 ... 0.00000 ... 1.00000 ppb/yr	1900.00 ... 2000.00 ... 2100.00 yr
sue gue	setUserEllipsoid getUserEllipsoid	Datum Datum	a	Invf						
		+User1 +User2 all	6300000.000 ... 6378137.000 ... 6400000.000 m	290.000000000 ... 298.257223563 ... 305.000000000						
swui gwui	setWakeUpInterval getWakeUpInterval	WakeUpTime (30)	AwakeDuration	RepetitionPeriod						
		2000-01-01 00:00:00	0 ... 604800 sec	0 ... 604800 sec						

SBF List

ASCIIn	AttCovEuler	AttEuler
BaseLine	BaseStation	BaseVectorCart
BaseVectorGeod	BBSamples	ChannelStatus
Commands	Comment	DiffCorrIn
DiskStatus	DOP	EndOfAtt
EndOfMeas	EndOfPVT	ExtEvent
ExtEventPVTCartesian	ExtEventPVTGeodetic	GALAlm
GALGstGps	GALIon	GALNav
GALRawFNAV	GALRawINAV	GALSARRLM
GALUtc	GEOAlm	GEOClockEphCovMatrix
GEOCorrections	GEODegrFactors	GEOFastCorr
GEOFastCorrDegr	GEOIGPMask	GEOIntegrity
GEOIonoDelay	GEOLongTermCorr	GEOMT00
GEONav	GEONetworkTime	GEOPRNMMask
GEORawL1	GEORawL5	GEOServiceLevel
GLOAlm	GLONav	GLORawCA
GLOTime	GPSAlm	GPSIon
GPSNav	GPSRawCA	GPSRawL2C
GPSRawL5	GPSUtc	Group1
Group2	Group3	Group4
InputLink	IQCorr	MeasEpoch
MeasExtra	OutputLink	PosCart
PosCovCartesian	PosCovGeodetic	PosLocal
PVTCartesian	PVTGeodetic	PVTResiduals
PVTSatCartesian	PVTSupport	QualityInd
QZSRawL1CA	QZSRawL2C	QZSRawL5
RAIMStatistics	ReceiverSetup	ReceiverStatus
ReceiverTime	RTCMDatum	SatVisibility
VelCovCartesian	VelCovGeodetic	xPPSOffset