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 Reference Guide. Note that, depending on the options enabled on your receiver, some commands may not be supported.

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*** *Band*	*Mode*	*Gain*						
		+ L1 + L2 + L5 all	auto frozen manual	0 . . . 35 . . . 70 dB						
lai	**lstAntennaInfo**	***Antenna***								
		Overview Main Aux1 [antenna name]								
sat gat	**setAntennaType** **getAntennaType**	***Antenna*** *Antenna*	*Type (20)*							
		+ Main + Aux1 all	Unknown							
sto gto	**setAttitudeOffset** **getAttitudeOffset**	*Heading*	*Pitch*							
		-360.000 . . . 0.000 . . . 360.000 deg	-90.000 . . . 0.000 . . . 90.000 deg							
sbbs gbbs	**setBBSamplingMode** **getBBSamplingMode**	*Mode*								
		BeforeIM AfterIM								
sca gca	**setChannelAllocation** **getChannelAllocation**	***Channel*** *Channel*	*Satellite*	*Search*	*Doppler*	*Window*				
		+ Ch01 ... Ch60 all	auto G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J07	auto manual	-50000 . . . 0 . . . 50000 Hz	1 . . . 16000 . . . 100000 Hz				
scia gcia	**setCheckInternetAvailability** **getCheckInternetAvailability**	*Mode*								
		off on								
scst gcst	**setClockSyncThreshold** **getClockSyncThreshold**	*Threshold*								
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5								
sc2u gc2u	**setCMRv2Usage** **getCMRv2Usage**	*MsgUsage*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + CMR0 + CMR1 + CMR2 + CMR3 + CMR0p + CMR0w all								
scm gcm	**setCN0Mask** **getCN0Mask**	***Signal*** *Signal*	*Mask*							
		+ GPSL1CA + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 all	0 …10 …60 dB-Hz							
help	**lstCommandHelp**	***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 baud500000 baud576000 baud921600 baud1000000 baud1152000 baud1500000 baud2000000 baud2500000 baud3000000 baud3500000 baud4000000	bits8	No	bit1	none RTS|CTS			
lcf	**lstConfigFile**	***File***								
		Current Boot RxDefault User1 User2								
eccf gccf	**exeCopyConfigFile** **getCopyConfigFile**	***Source***	***Target***							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scda gcda	**setCrossDomainWebAccess** **getCrossDomainWebAccess**	*Mode*								
		off on								
lcu	**lstCurrentUser**									
sdcm gdcm	**setDaisyChainMode** **getDaisyChainMode**	***DC*** *DC*	*Mode*							
		+ DC1 + DC2 all	Raw ASCII							
sdio gdio	**setDataInOut** **getDataInOut**	***Cd*** *Cd*	*Input*	*Output*	*Show*					
		+ DSK1 + COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 NMEA ASCIIIN auto	none + SBF + NMEA + ASCIIDisplay + DC1 + DC2 + Encapsulate	(off) (on) (waiting)					
sdal gdal	**setDefaultAccessLevel** **getDefaultAccessLevel**	*Web*	*FileTransfer*	*Ip*	*Com*	*Usb*				
		none Viewer User	none Viewer User	none Viewer User	none Viewer User	none Viewer User				
sdca gdca	**setDiffCorrMaxAge** **getDiffCorrMaxAge**	*DGPSCorr*	*RTKCorr*	*PPPCorr*	*Iono*					
		0.0 ...400.0 ...3600.0 s	0.0 ...20.0 ...3600.0 s	0.0 ...0.0 s	0.0 ...600.0 ...3600.0 s					
sdcu gdcu	**setDiffCorrUsage** **getDiffCorrUsage**	*Mode*	*MaxAge*	*BaseSelection*	*BaseID*					
		LowLatency	0.1 ...3600.0 s	auto manual	0 ...4095					
sdfa gdfa	**setDiskFullAction** **getDiskFullAction**	***Disk*** *Disk*	*Action*							
		+ DSK1 all	DeleteOldest StopLogging							
ldi	**lstDiskInfo**	***Disk***	***Directory (60)***							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1 all								
sdds gdds	**setDynamicDNS** **getDynamicDNS**	*Provider*	*UserName (40)*	*Password (40)*	*Hostname (40)*	*Bind*				
		off dyndns.org no-ip.com				auto Ethernet				
eecm gecm	**exeEchoMessage** **getEchoMessage**	***Cd***	***Message (242)***	***EndOfLine***						
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5 DC1 DC2	A:Unknown	none + CR + LF all						
sem gem	**setElevationMask** **getElevationMask**	***Engine*** *Engine*	*Mask*							
		+ Tracking + PVT all	-90 ...0 ...90 deg							
smth gmth	**setENHTransfoHorizontal** **getENHTransfoHorizontal**	***TransfoID*** *TransfoID*	*DeltaE*	*DeltaN*	*E0*	*N0*	*AlphaEE*	*AlphaEN*	*AlphaNE*	*AlphaNN*
		+ It1 all	-250.0000 ...0.0000 ...250.0000 m	-250.0000 ...0.0000 ...250.0000 m	-8000000.0000 ...0.0000 ...8000000.0000 m	-8000000.0000 ...0.0000 ...8000000.0000 m	-1000.0000 ...0.0000 ...1000.0000 ppm	-1000.0000 ...0.0000 ...1000.0000 ppm	-1000.0000 ...0.0000 ...1000.0000 ppm	-1000.0000 ...0.0000 ...1000.0000 ppm
smtv gmtv	**setENHTransfoVertical** **getENHTransfoVertical**	***TransfoID*** *TransfoID*	*DeltaH*	*E0*	*N0*	*AlphaHE*	*AlphaHN*			
		+ It1 all	-250.0000 ...0.0000 ...250.0000 m	-8000000.0000 ...0.0000 ...8000000.0000 m	-8000000.0000 ...0.0000 ...8000000.0000 m	-1000.0000 ...0.0000 ...1000.0000 ppm	-1000.0000 ...0.0000 ...1000.0000 ppm			
seth geth	**setEthernetMode** **getEthernetMode**	*Enable*								
		off on								
sep gep	**setEventParameters** **getEventParameters**	***Event*** *Event*	*Polarity*							
		+ EventA + EventB all	Low2High High2Low							
sfn gfn	**setFileNaming** **getFileNaming**	***Cd*** *Cd*	*NamingType*	*FileName (20)*						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfm gfm	**setFrontendMode** **getFrontendMode**	*Mode*								
		Nominal SingleAnt								
efup gfup	**exeFTPUpgrade** **getFTPUpgrade**	***Server (32)***	***Path (64)***	***Login (12)***	***Password (24)***					
				anonymous						
lopk	**lstGalOSNMAPublicKeys**									
sopk gopk	**setGalOSNMAPublicKeys** **getGalOSNMAPublicKeys**	***ID*** *ID*	***Key (233)***							
		+ Key0 ... Key15 all								
sou gou	**setGalOSNMAUsage** **getGalOSNMAUsage**	*Mode*	*MTRoot (65)*							
		off loose strict								
sgd ggd	**setGeodeticDatum** **getGeodeticDatum**	*TargetDatum*								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 Default User1 User2								
sgu ggu	**setGeoidUndulation** **getGeoidUndulation**	*Mode*	*Undulation*							
		auto manual	-250.000 ...0.000 ...250.000 m							
sfno gfno	**setGlobalFileNamingOptions** **getGlobalFileNamingOptions**	*BusyTag*								
		off on								
sga gga	**setGNSSAttitude** **getGNSSAttitude**	*Source*								
		none MultiAntenna								
sgpf ggpf	**setGPIOFunctionality** **getGPIOFunctionality**	***GPPin*** *GPPin*	*Mode*	*Input*	*Output*					
		+ GP1 + GP2 all	Output	none	LevelLow LevelHigh					
shm ghm	**setHealthMask** **getHealthMask**	***Engine*** *Engine*	*Mask*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ Tracking + PVT all	off on							
shs ghs	**setHttpsSettings** **getHttpsSettings**	*Protocol*								
		+ HTTP + HTTPS all								
sio gio	**setIMUOrientation** **getIMUOrientation**	*OrientationMode*	*ThetaX*	*ThetaY*	*ThetaZ*					
		SensorDefault manual	-180.000 ...0.000 ...180.000 deg	-90.000 ...0.000 ...90.000 deg	-180.000 ...0.000 ...180.000 deg					
sial gial	**setINSAntLeverArm** **getINSAntLeverArm**	*X*	*Y*	*Z*						
		-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m						
siih giih	**setINSInitialHeading** **getINSInitialHeading**	*Mode*								
		auto stored								
sinc ginc	**setINSNavConfig** **getINSNavConfig**	*Mode*	*OutputType*	*OutputLocation*						
		off on	none + PosStdDev + Att + AttStdDev + Vel + VelStdDev all	MainAnt POI1						
sipl gipl	**setINSPOILeverArm** **getINSPOILeverArm**	***POI*** *POI*	*X*	*Y*	*Z*					
		+ POI1 all	-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m					
sism gism	**setINSStdDevMask** **getINSStdDevMask**	*AttStdDev*	*PosStdDev*							
		0.000 ...2.000 ...5.000 deg	0.000 ...100.000 m							
sivl givl	**setINSVelSensorLeverArm** **getINSVelSensorLeverArm**	***SensorId*** *SensorId*	*X*	*Y*	*Z*					
		+ VSM1 all	-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m	-100.000 ...0.000 ...100.000 m					
lif	**lstInternalFile**	***File***								
		Permissions Identification Debug Error SisError DiffCorrError ExtSensorError SetupError IPParameters RxMessages								
sim gim	**setIonosphereModel** **getIonosphereModel**	*Model*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	**setIPFiltering** **getIPFiltering**	*Mode*	*AddrList (200)*							
		off on								
sipk gipk	**setIPKeepAlive** **getIPKeepAlive**	*Enable*	*IdleTime*	*Interval*	*MaxCount*					
		off on	15 …18000 s	1 …3600 s	1 …15 …3600					
sipp gipp	**setIPPortSettings** **getIPPortSettings**	*Command*	*FTPControl*							
		1 …28784 …65535	1 …21 …65535							
sirs girs	**setIPReceiveSettings** **getIPReceiveSettings**	***Cd*** *Cd*	*Port*	*Mode*	*TCPAddress (40)*					
		+ IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	0 …65535	TCP2Way UDP	0.0.0.0					
siss giss	**setIPServerSettings** **getIPServerSettings**	***Cd*** *Cd*	*Port*	*Mode*	*UDPAddress (200*					
		+ IPS1 + IPS2 + IPS3 + IPS4 + IPS5 all	0 …65535	TCP UDP TCP2Way	255.255.255.255					
sips gips	**setIPSettings** **getIPSettings**	*Mode*	*IP (16)*	*Netmask (16)*	*Gateway (16)*	*Domain (63)*	*DNS1 (16)*	*DNS2 (16)*	*MTU*	
		DHCP Static	0.0.0.0	255.255.255.0	0.0.0.0		0.0.0.0	0.0.0.0	0 …1500	
slm glm	**setLEDMode** **getLEDMode**	*GPLED*								
		DIFFCORLED PVTLED TRACKLED LOGLED								
slco glco	**setLocalCoordOperation** **getLocalCoordOperation**	*OpName (100)*	*ENHTransfo*							
		NETWORK	none lt1							
llc	**lstLocalCoordOperations**	***Operation***								
		Overview								
login	**LogIn**	*UserName (16)*	*Password (32)*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
logout	**LogOut**									
smv gmv	**setMagneticVariance** **getMagneticVariance**	*Mode*	*Variation*							
		auto manual	-180.0 …0.0 …180.0 deg							
emd gmd	**exeManageDisk** **getManageDisk**	***Disk***	***Action***							
		DSK1	Unmount Mount Format							
smp gmp	**setMarkerParameters** **getMarkerParameters**	*MarkerName (60*	*MarkerNumber (*	*MarkerType (20)*						
		SEPT	Unknown	Unknown						
smrf gmrf	**setMeas3MaxRefInterval** **getMeas3MaxRefInterval**	*MaxIntrvl*								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	**lstMIBDescription**	***File (255)***								
		Overview SBFTable								
smm gmm	**setMultipathMitigation** **getMultipathMitigation**	*Code*	*Carrier*							
		off on	off on							
snrc gnrc	**setNetworkRTKConfig** **getNetworkRTKConfig**	*NetworkType*								
		auto VRS								
enoc gnoc	**exeNMEAOnce** **getNMEAOnce**	***Cd***	***Messages***							
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 … IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	+ GGA + GLL + GNS + GST + HDT + RMC + VTG + ZDA + HRP + THS + PASHR							
sno gno	**setNMEAOutput** **getNMEAOutput**	***Stream*** *Stream*	*Cd*	*Messages*	*Interval*					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ Stream1 ... Stream10 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	none + GGA + GLL + GNS + GST + HDT + RMC + VTG + ZDA + HRP + THS + PASHR	off OnChange msec5 msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snp gnp	**setNMEAPrecision** **getNMEAPrecision**	*NrExtraDigits*	*Compatibility*	*LocalDatum*	*MinStdDev*					
		0 ... 2 ... 3	Nominal Mode1 Mode2 Mode3	off only	0.000 ... 0.001 ... 1.000 m					
snti gnti	**setNMEATalkerID** **getNMEATalkerID**	*TalkerID*								
		auto GP								
snv gnv	**setNMEAVersion** **getNMEAVersion**	*Version*								
		v3x v4x								
snf gnf	**setNotchFiltering** **getNotchFiltering**	***Notch*** *Notch*	*Mode*	*CenterFreq*	*Bandwidth*					
		+ Notch1 + Notch2 + Notch3 all	auto off manual	1100.000 ... 1700.000 MHz	30 ... 1600 kHz					
snc gnc	**setNtpClient** **getNtpClient**	*Mode*	*Server (40)*							
		on off	default							
sntp gntp	**setNTPServer** **getNTPServer**	*Enable*								
		off on								
snts gnts	**setNtripSettings** **getNtripSettings**	***Cd*** *Cd*	*Mode*	*Caster (40)*	*Port*	*UserName (20)*	*Password (40)*	*MountPoint (32)*	*Version*	*SendGGA*
		+ NTR1 + NTR2 + NTR3 all	off Client		0 ... 2101 ... 65535				v1 v2	auto off sec1 sec5 sec10 sec60
lnst	**lstNTRIPSourceTable**	***Caster (40)***	*Port*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
			0 …2101 …65535							
sntt gntt	**setNtripTlsSettings** **getNtripTlsSettings**	***Cd*** *Cd*	*Enable*	*Fingerprint (96)*						
		+ NTR1 + NTR2 + NTR3 all	off on							
soc goc	**setObserverComment** **getObserverComment**	*Comment (120)*								
		Unknown								
sop gop	**setObserverParameters** **getObserverParameters**	*Observer (20)*	*Agency (40)*							
		Unknown	Unknown							
spe gpe	**setPeriodicEcho** **getPeriodicEcho**	***Cd*** *Cd*	*Message (201)*	*Interval*						
		+ COM1 + COM2 + COM3 + COM4 all	A:Unknown	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
spfw gpfw	**setPortFirewall** **getPortFirewall**	***Interface*** *Interface*	*OpenPorts*	*PortList (100)*						
		+ Ethernet all	none default all PortList							
epwm gpwm	**exePowerMode** **getPowerMode**	***Mode***								
		ScheduledSleep StandBy								
sps2 gps2	**setPPS2Parameters** **getPPS2Parameters**	*Interval*	*Polarity*	*Delay*	*TimeScale*	*MaxSyncAge*	*PulseWidth*			
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 sec1 sec2 sec4 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 …0.00 …1000000.00 ns	GPS Galileo BeiDou GLONASS UTC RxClock	0 …60 …3600 s	0.001 …5.000 …1000.000 ms			
spps gpps	**setPPSParameters** **getPPSParameters**	*Interval*	*Polarity*	*Delay*	*TimeScale*	*MaxSyncAge*	*PulseWidth*			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 sec1 sec2 sec4 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 …0.00 …1000000.00 ns	GPS Galileo BeiDou GLONASS UTC RxClock	0 … 3600 s	0.001 …5.000 …1000.000 ms			
spm gpm	**setPVTMode** **getPVTMode**	*Mode*	*RoverMode*							
		Rover	+ StandAlone + SBAS + DGPS + RTKFloat + RTKFixed + RTK all							
srl grl	**setRAIMLevels** **getRAIMLevels**	*Mode*	*Pfa*	*Pmd*	*Reliability*					
		off on	-12 … -4 … -1	-12 … -4 … -1	-12 … -3 … -1					
grc	**getReceiverCapabilities**									
srd grd	**setReceiverDynamics** **getReceiverDynamics**	*Level*	*Motion*							
		Max High Moderate Low	Automotive UAV							
gri	**getReceiverInterface**	*Item*								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	**lstRecordedFile**	***Disk***	***FileName (60)***							
		DSK1								
era gra	**exeRegisteredApplications** **getRegisteredApplications**	***Cd*** *Cd*	***Application (12***							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 all	Unknown							
erf grf	**exeRemoveFile** **getRemoveFile**	***Disk***	***FileName (200)***							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1	none all							
ernf grnf	**exeResetNavFilter** **getResetNavFilter**	***Level***								
		+ PVT + AmbRTK + ExtSensorInt + GNSSAttitude + AmbGNSSAttitud all								
erst grst	**exeResetReceiver** **getResetReceiver**	***Level***	***EraseMemory***							
		Soft Hard Upgrade	none + Config + PVTData + SatData + IMUData + HTTPSCertificate + SISAuthData all							
sr2c gr2c	**setRTCMv2Compatibility** **getRTCMv2Compatibility**	*PRCType*	*GLOToD*	*RTKVersion*						
		Standard GroupDelay	Tk Tb	v2.1 v2.2orLater						
sr2u gr2u	**setRTCMv2Usage** **getRTCMv2Usage**	*MsgUsage*								
		none + RTCM1 + RTCM3 + RTCM9 + RTCM15 + RTCM18|19 + RTCM20|21 + RTCM22 + RTCM23|24 + RTCM31 + RTCM32 + RTCM34 + RTCM17 + RTCM59 all								
sr3t gr3t	**setRTCMv3CRSTransfo** **getRTCMv3CRSTransfo**	*Mode*	*TargetName (32)*							
		auto manual								
sr3u gr3u	**setRTCMv3Usage** **getRTCMv3Usage**	*MsgUsage*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + RTCM1001 ... RTCM1013 + RTCM1015 + RTCM1016 + RTCM1017 + RTCM1019 ... RTCM1027 + RTCM1029 + RTCM1033 + RTCM1037 + RTCM1038 + RTCM1039 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1091 ... RTCM1097 + RTCM1111 ... RTCM1117 + RTCM1121 ... RTCM1127 + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all								
sst gst	**setSatelliteTracking** **getSatelliteTracking**	*Satellite*								
		none + G01 ... G32 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssu gsu	**setSatelliteUsage** **getSatelliteUsage**	*Satellite*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + G01 ... G32 + R01 ... R24 + R25 + R26 + R27 + R28 + R29 + R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssbc gsbc	**setSBASCorrections** **getSBASCorrections**	*Satellite*	*SISMode*	*NavMode*	*DO229Version*					
		auto EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test Operational	MixedSystems	auto DO229C					
ssgp gsgp	**setSBFGroups** **getSBFGroups**	***Group*** *Group*	*Messages*							
		+ Group1 + Group2 + Group3 + Group4 all	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Events + DiffCorr + ExtSensors + Status + PostProcess + Rinex + RinexMeas3 + Support + INSCalibration							
esoc gsoc	**exeSBFOnce** **getSBFOnce**	***Cd***	***Messages***							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
sso gso	**setSBFOutput** **getSBFOutput**	***Stream*** *Stream*	*Cd*	*Messages*	*Interval*					
		+ Stream1 ... Stream10 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Event + DiffCorr + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support + INSCalibration	off OnChange msec5 msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snt gnt	**setSignalTracking** **getSignalTracking**	*Signal*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
snu gnu	**setSignalUsage** **getSignalUsage**	*PVT*	*NavData*							
		+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 all	+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 all							
ssi gsi	**setSmoothingInterval** **getSmoothingInterval**	***Signal*** *Signal*	*Interval*	*Alignment*						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 all	0 … 1000 s	0 … 1000 s						
sts gts	**setTimingSystem** **getTimingSystem**	*System*								
		Galileo GPS BeiDou auto								
stm gtm	**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 %						
suoc guoc	**setUMSDOnConnect** **getUMSDOnConnect**	*Mode*								
		off on								
suia guia	**setUSBInternetAccess** **getUSBInternetAccess**	*Enable*								
		off on								
sual gual	**setUserAccessLevel** **getUserAccessLevel**	***UserID*** *UserID*	*UserName (16)*	*Password (32)*	*UserLevel*	*SSHKey (232)*				
		+ User1 ... User8 all			Viewer User					
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 … 20000.00 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 pp-b/yr	1900.00 … 2000.00 … 2100.00 yr
sue gue	**setUserEllipsoid** **getUserEllipsoid**	***Datum*** *Datum*	*A*	*Invf*						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ User1 + User2 all	6300000.000 …6378137.000 …6400000.000 m	290.000000000 …298.25722356 …305.000000000						
swui gwui	**setWakeUpInterval** **getWakeUpInterval**	*WakeUpTime (30*	*AwakeDuration*	*RepetitionPeriod*						
		2000-01-01 00:00:0	0 …604800 s	0 …604800 s						
swbi gwbi	**setWBIMitigation** **getWBIMitigation**	*Mode*								
		off on								

SBF List

ASCIIIn
AttCovEuler
AttEuler
AuxAntPositions
BBSamples
BDSAlm
BDSIon
BDSNav
BDSRaw
BDSUtc
BaseStation
BaseVectorCart
BaseVectorGeod
ChannelStatus
Commands
Comment
DOP
DiffCorrIn
DiskStatus
DynDNSStatus
EndOfAtt
EndOfMeas
EndOfPVT
ExtEvent
ExtEventINSNavCart
ExtEventINSNavGeod
ExtSensorInfo
ExtSensorMeas
ExtSensorStatus
GALAlm
GALAuthStatus
GALGstGps
GALIon
GALNav
GALRawFNAV
GALRawINAV
GALSARRLM
GALUtc
GEOAlm
GEOClockEphCovMatrix
GEODegrFactors
GEOFastCorr
GEOFastCorrDegr
GEOIGPMask
GEOIntegrity
GEOIonoDelay
GEOLongTermCorr
GEOMT00
GEONav
GEONetworkTime
GEOPRNMask
GEORawL1
GEORawL5
GEOServiceLevel
GLOAlm
GLONav
GLORawCA
GLOTime
GPSAlm
GPSIon
GPSNav
GPSRawCA
GPSRawL2C
GPSRawL5
GPSUtc
Group1
Group2
Group3
Group4
IMURawSamples
IMUSetup
INSNavCart
INSNavGeod
INSSupport
IPStatus
InputLink
Meas3CN0HiRes
Meas3Doppler
Meas3MP
Meas3PP
Meas3Ranges
MeasEpoch
MeasExtra
NTRIPClientStatus
OutputLink
PVTCartesian
PVTGeodetic
PVTSupport
PVTSupportA
PosCart
PosCovCartesian
PosCovGeodetic
PosLocal
PosProjected
QZSAlm
QZSNav
QZSRawL1CA
QZSRawL2C
QZSRawL5
QualityInd
RFStatus
RTCMDatum
ReceiverSetup
ReceiverStatus
ReceiverTime
RxMessage
SatVisibility
VelCovCartesian
VelCovGeodetic
VelSensorSetup
xPPSOffset