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 + L2L5 + E6 all	auto frozen manual	0 . . . 35 . . . 70 dB						
lai	**lstAntennaInfo**	***Antenna***								
		Overview Main Aux1 [antenna name]								
sal gal	**setAntennaLocation** **getAntennaLocation**	***Antenna*** *Antenna*	*Mode*	*DeltaX*	*DeltaY*	*DeltaZ*				
		+ Aux1 + Base all	auto 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*** *Antenna*	*DeltaE*	*DeltaN*	*DeltaU*	*Type (20)*	*SerialNr (20)*	*SetupID*		
		+ Main + Aux1 all	-1000.0000 . . . 0.0000 . . . 1000.0000 m	-1000.0000 . . . 0.0000 . . . 1000.0000 m	-1000.0000 . . . 0.0000 . . . 1000.0000 m	Unknown	Unknown	0 . . . 255		
sto gto	**setAttitudeOffset** **getAttitudeOffset**	*Heading*	*Pitch*							
		-360.000 . . . 0.000 . . . 360.000 deg	-90.000 . . . 0.000 . . . 90.000 deg							
stoa gtoa	**setAttOffsetApplicability** **getAttOffsetApplicability**	*Messages*								
		none + SBF + NMEA all								
sbbs gbbs	**setBBSamplingMode** **getBBSamplingMode**	*Mode*								
		BeforeIM AfterIM								
sca gca	**setChannelAllocation** **getChannelAllocation**	***Channel*** *Channel*	*Satellite*	*Search*	*Doppler*	*Window*				
		+ Ch01 ... Ch50 all	auto G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J07 I01 ... I14	auto manual	-50000 . . . 0 . . . 50000 Hz	1 . . . 16000 . . . 100000 Hz				
gcc	**getChannelConfiguration**	*Channel*								
		+ Ch01 ... Ch50 all								
scia gcia	**setCheckInternetAvailability** **getCheckInternetAvailability**	*Mode*								
		off on								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
scst gcst	**setClockSyncThreshold** **getClockSyncThreshold**	*Threshold*								
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5								
sc2f gc2f	**setCMRv2Formatting** **getCMRv2Formatting**	*ReferenceID*								
		0 . . . 31								
sc2i gc2i	**setCMRv2Interval** **getCMRv2Interval**	***Message*** *Message*	*Interval*							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 . . . 1.0 . . . 600.0 s							
sc2m gc2m	**setCMRv2Message2** **getCMRv2Message2**	*ShortID (8)*	*LongID (50)*	*COGO (16)*						
		Unknown	Unknown	Unknown						
sc2o gc2o	**setCMRv2Output** **getCMRv2Output**	***Cd*** *Cd*	*Messages*							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + 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*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 + NAVICL5 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	bits8	No	bit1	none RTS|CTS			
lcf	**lstConfigFile**	***File***								
		Current Boot RxDefault User1 User2								
eccf gccf	**exeCopyConfigFile** **getCopyConfigFile**	***Source***	***Target***							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scoc gcoc	**setCosmosConfig** **getCosmosConfig**	*Enable*	*CustomerID (24)*							
		off on								
scda gcda	**setCrossDomainWebAccess** **getCrossDomainWebAccess**	*Mode*								
		off on								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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 ASCIIIN auto	none + RTCMv2 + RTCMv3 + CMRv2 + SBF + NMEA + ASCIIDisplay + DC1 + DC2 + Encapsulate + LBandBeam1 + LBandBeam2	(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*	*MovingBase*	*MaxBase*	*MaxBaseline*		
		LowLatency	0.1 ... 3600.0 s	auto manual	0 ... 4095	off on	1 ... 10	0 ... 2500000 m		
sdfa gdfa	**setDiskFullAction** **getDiskFullAction**	***Disk*** *Disk*	*Action*							
		+ DSK1 all	DeleteOldest StopLogging							
ldi	**lstDiskInfo**	***Disk***	***Directory (60)***							
		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***						

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 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*	*Delay*						
		+ EventA + EventB all	Low2High High2Low	-500.000000 . . . 0.000000 . . . 500.000000 ms						
sfn gfn	**setFileNaming** **getFileNaming**	***Cd*** *Cd*	*NamingType*	*FileName (20)*						
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfr gfr	**setFixReliability** **getFixReliability**	***Engine*** *Engine*	*SearchVolume*	*Ratio*						
		+ RTK + GNSSAttitude all	0.001 . . . 0.200 . . . 10.000	1.00 . . . 4.40 . . . 20.00						
sfm gfm	**setFrontendMode** **getFrontendMode**	*Mode*								
		Nominal SingleAnt								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sfpr gfpr	**setFTPPushRINEX** **getFTPPushRINEX**	*Server (32)*	*Path (64)*	*User (12)*	*Password (24)*					
				anonymous						
sfps gfps	**setFTPPushSBF** **getFTPPushSBF**	*Server (32)*	*Path (64)*	*User (12)*	*Password (24)*					
				anonymous						
efpt gfpt	**exeFTPPushTest** **getFTPPushTest**	***Server (40)***	***Path (64)***	***User (20)***	***Password (40)***					
				anonymous						
efup gfup	**exeFTPUpgrade** **getFTPUpgrade**	***Server (32)***	***Path (64)***	***Login (12)***	***Password (24)***					
				anonymous						
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*	*MultiAntennaMod*							
		none MovingBase MultiAntenna	+ Float + Fixed							
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							
shs ghs	**setHttpsSettings** **getHttpsSettings**	*Protocol*								
		+ HTTP + HTTPS all								
lif	**lstInternalFile**	***File***								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Permissions Identification Debug Error SisError DiffCorrError SetupError IPParameters RxMessages								
sim gim	**setIonosphereModel** **getIonosphereModel**	*Model*								
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	**setIPFiltering** **getIPFiltering**	*Mode*	*AddrList (200)*							
		off on								
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	
scls gcls	**setL6CLASSource** **getL6CLASSource**	*Satellite*	*Message*							
		auto none J01 ... J07	L6D L6E							
llbb	**lstLBandBeams**									
slbb glbb	**setLBandBeams** **getLBandBeams**	***Beam*** *Beam*	*Frequency*	*Rate*	*Name (8)*	*Region (8)*	*Usage*			
		+ User1 ... User16 all	1525000000 . . . 1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
slcs glcs	**setLBandCustomServiceID** **getLBandCustomServiceID**	*ServiceID (4)*	*ScramblingVecto*	*NDAUsage*						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		0000	0000	off on						
slsm glsm	**setLBandSelectMode** **getLBandSelectMode**	*Mode*	*Service*	*Beam1*	*Beam2*					
		off manual	LBAS1	User1 User2 ... User16	User1 User2 User3 ... User16					
slm glm	**setLEDMode** **getLEDMode**	*GPLED*								
		DIFFCORLED PVTLED LOGLED								
slco glco	**setLocalCoordOperation** **getLocalCoordOperation**	*OpName (100)*	*ENHTransfo*							
		NETWORK	none lt1							
llc	**lstLocalCoordOperations**	***Operation***								
		Overview								
login	**LogIn**	*UserName (16)*	*Password (32)*							
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)*	*StationCode (10)*	*MonumentIdx*	*ReceiverIdx*	*CountryCode (3)*		
		SEPT	Unknown	Unknown		0 . . . 9	0 . . . 9			
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								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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	+ ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGAaux1 + GGK + GFA + GGQ + LLK + GMP + TFM + SNC + THS							
sno gno	**setNMEAOutput** **getNMEAOutput**	***Stream*** *Stream*	*Cd*	*Messages*	*Interval*					
		+ 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 + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + PUMRD + AVR + GGAaux1 + GGK + GFA + GGQ + LLK + GMP + TXTbase + TFM + SNC + THS	off 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**	*NrExtraDigits*	*Compatibility*	*LocalDatum*	*MinStdDev*					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		0 . . . 3	Nominal Mode1 Mode2	off only	0.000 . . . 0.001 . . . 1.000 m					
snti gnti	**setNMEATalkerID** **getNMEATalkerID**	*TalkerID*								
		auto GP GN								
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					
sntp gntp	**setNTPServer** **getNTPServer**	*Enable*								
		off on								
snmp gnmp	**setNtripCasterMountPoints** **getNtripCasterMountPoints**	***MountPointID*** *MountPointID*	*Enable*	*MPName (32)*	*ExtServer*	*UserName (20)*	*Password (40)*	*ClientAuth*		
		+ MP1 + MP2 + MP3 all	off on		No Yes			none basic		
smpf gmpf	**setNtripCasterMPFormat** **getNtripCasterMPFormat**	***MountPointID*** *MountPointID*	*Format*	*ManualFt (30)*	*FtDetails (100)*					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA RAW manual							
sncs gncs	**setNtripCasterSettings** **getNtripCasterSettings**	*Mode*	*Port*	*Identifier (100)*	*TlsPort*					
		off on	0 . . . 2101 . . . 65535	default	0 . . . 2102 . . . 65535					
sncu gncu	**setNtripCasterUsers** **getNtripCasterUsers**	***UserID*** *UserID*	*UserName (20)*	*Password (40)*	*MountPoints*	*MaxClients*				
		+ User1 + User2 + User3 + User4 + User5 all			none + MP1 + MP2 + MP3 all	1 . . . 10				
snts gnts	**setNtripSettings** **getNtripSettings**	***Cd*** *Cd*	*Mode*	*Caster (40)*	*Port*	*UserName (20)*	*Password (40)*	*MountPoint (32)*	*Version*	*SendGGA*
		+ NTR1 + NTR2 + NTR3 all	off Server Client		0 . . . 2101 . . . 65535				v1 v2	auto off sec1 sec5 sec10 sec60
lnst	**lstNTRIPSourceTable**	***Caster (40)***	*Port*							
			0 . . . 2101 . . . 65535							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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								
spps gpps	**setPPSParameters** **getPPSParameters**	*Interval*	*Polarity*	*Delay*	*TimeScale*	*MaxSyncAge*	*PulseWidth*			
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 sec1 sec2 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 ... 1.000 ... 1000.000 ms			
spm gpm	**setPVTMode** **getPVTMode**	*Mode*	*RoverMode*	*RefPos*	*SIGIL*					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Static Rover	+ StandAlone + SBAS + DGPS + RTKFloat + RTKFixed + RTK all	auto Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5	off on					
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	Static Quasistatic Pedestrian Automotive RaceCar HeavyMachinery UAV Unlimited							
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)***							
		DSK1	none all							
ernf grnf	**exeResetNavFilter** **getResetNavFilter**	***Level***								
		+ PVT + AmbRTK + GNSSAttitude + AmbGNSSAttitud all								
erst grst	**exeResetReceiver** **getResetReceiver**	***Level***	***EraseMemory***							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Soft Hard Upgrade	none + Config + PVTData + SatData + HTTPSCertificate all							
srxl grxl	**setRINEXLogging** **getRINEXLogging**	***Cd*** *Cd*	*FileDuration*	*ObsInterval*	*SignalTypes*	*ExtraObsTypes*	*RINEXVersion*	*MixedNav*		
		+ DSK1 all	none hour1 hour6 hour24 minute15	sec1 sec2 sec5 sec10 sec15 sec30 sec60	none + GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + NAVICL5 all	none + Dx + Sx + Channel all	v2x v3x	off on		
sr2c gr2c	**setRTCMv2Compatibility** **getRTCMv2Compatibility**	*PRCType*	*GLOToD*	*RTKVersion*						
		Standard GroupDelay	Tk Tb	v2.1 v2.2orLater						
sr2f gr2f	**setRTCMv2Formatting** **getRTCMv2Formatting**	*ReferenceID*	*GLOToD*							
		0 . . . 1023	Tk Tb							
sr2i gr2i	**setRTCMv2Interval** **getRTCMv2Interval**	***Message*** *Message*	*ZCount*							
		+ RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM17 + RTCM22 + RTCM23|24 + RTCM31 + RTCM32 all	1 . . . 2 . . . 1000							
sr2b gr2b	**setRTCMv2IntervalObs** **getRTCMv2IntervalObs**	***Message*** *Message*	*Interval*							
		+ RTCM18|19 + RTCM20|21 all	1 . . . 600 s							
sr2m gr2m	**setRTCMv2Message16** **getRTCMv2Message16**	*Message (90)*								
		Unknown								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sr2o gr2o	**setRTCMv2Output** **getRTCMv2Output**	***Cd*** *Cd*	***Messages***							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM18|19 + RTCM20|21 + RTCM22 + RTCM23|24 + RTCM31 + RTCM32 + RTCM17 + DGPS + RTK all							
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								
sr3d gr3d	**setRTCMv3Delay** **getRTCMv3Delay**	*Delay*								
		0.0 . . . 600.0 s								
sr3f gr3f	**setRTCMv3Formatting** **getRTCMv3Formatting**	*ReferenceID*	*MSMSignals*	*GLOL2*	*RxType (32)*					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		0 . . . 4095	+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + NAVICL5 all	L2CA L2P	default					
sr3i gr3i	**setRTCMv3Interval** **getRTCMv3Interval**	***Message*** *Message*	*Interval*							
		+ RTCM1001|2 + RTCM1003|4 + RTCM1005|6 + RTCM1007|8 + RTCM1009|10 + RTCM1011|12 + RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + RTCM1033 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1230 + MSM1 ... MSM7 all	0.1 . . . 1.0 . . . 600.0 s							
sr3m gr3m	**setRTCMv3Message1029** **getRTCMv3Message1029**	*Message (120)*								
		Unknown								
sr3o gr3o	**setRTCMv3Output** **getRTCMv3Output**	***Cd*** *Cd*	*Messages*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + RTCM1001 + RTCM1002 + RTCM1003 + RTCM1004 + RTCM1005 + RTCM1006 + RTCM1007 + RTCM1008 + RTCM1009 + RTCM1010 + RTCM1011 + RTCM1012 + RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + RTCM1033 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1091 ... RTCM1097 + RTCM1101 ... RTCM1107 + RTCM1111 ... RTCM1117 + RTCM1121 ... RTCM1127 + RTCM1131 ... RTCM1137 + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
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 ... C37 + C38 ... C63 + J01 ... J07 + I01 ... I14 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC 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	EnRoute PrecApp 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 + Status + LBand + Advanced + PostProcess + Rinex + RinexMeas3 + Support							
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 + Status + LBand + UserGroups + Advanced + 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 + Status + LBand + UserGroups + Advanced + PostProcess + Rinex + RinexMeas3 + Support	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**	*Signal*								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 + NAVICL5 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all								
snu gnu	**setSignalUsage** **getSignalUsage**	*PVT*	*NavData*							
		+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 all	+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 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 + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 + NAVICL5 all	0 . . . 1000 s	0 . . . 1000 s						
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 GDA2020 User1 User2 Other				
sspg gspg	**setStaticPosGeodetic** **getStaticPosGeodetic**	***Position*** *Position*	*Latitude*	*Longitude*	*Altitude*	*Datum*				
		+ Geodetic1 + Geodetic2 + Geodetic3 + Geodetic4 + Geodetic5 all	-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 GDA2020 User1 User2 Other				
sts gts	**setTimingSystem** **getTimingSystem**	*System*								
		Galileo GPS BeiDou auto								
stlp gtlp	**setTrackingLoopParameters** **getTrackingLoopParameters**	***Signal*** *Signal*	*DLLBandwidth*	*PLLBandwidth*	*MaxTpDLL*	*MaxTpPLL*	*Adaptive*			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + Reserved3 + NAVICL5 all	0.01 . . . 0.25 . . . 5.00 Hz	1 . . . 15 . . . 100 Hz	1 . . . 100 . . . 500 ms	1 . . . 10 . . . 200 ms	off on			
stm gtm	**setTroposphereModel** **getTroposphereModel**	*ZenithModel*	*MappingModel*							
		off Saastamoinen MOPS	Niell MOPS							
stp gtp	**setTropsphereParameters** **getTropsphereParameters**	*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 ppb/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 . . . 305.00000000						
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
BDSRawB1C
BDSRawB2a
BDSRawB2b
BDSUtc
BaseLine
BaseStation
BaseVectorCart
BaseVectorGeod
ChannelStatus
Commands
Comment
CosmosStatus
DOP
DiffCorrIn
DiskStatus
DynDNSStatus
EndOfAtt
EndOfMeas
EndOfPVT
ExtEvent
ExtEventAttEuler
ExtEventBaseVectGeod
ExtEventPVTCartesian
ExtEventPVTGeodetic
GALAlm
GALGstGps
GALIon
GALNav
GALRawCNAV
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
IPStatus
InputLink
LBandBeams
LBandTrackerStatus
Meas3CN0HiRes
Meas3Doppler
Meas3MP
Meas3PP
Meas3Ranges
MeasEpoch
MeasExtra
NAVICRaw
NTRIPClientStatus
NTRIPServerStatus
OutputLink
PVTCartesian
PVTGeodetic
PVTSupport
PVTSupportA
PosCart
PosCovCartesian
PosCovGeodetic
PosLocal
PosProjected
QZSAlm
QZSNav
QZSRawL1CA
QZSRawL2C
QZSRawL5
QZSRawL6
QualityInd
RFStatus
RTCMDatum
ReceiverSetup
ReceiverStatus
ReceiverTime
RxComponents
RxMessage
SatVisibility
SystemInfo
VelCovCartesian
VelCovGeodetic
xPPSOffset