

# 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	<b>Band</b> Band	Mode	Gain						
		+ L1 + B3E6 + L2 + L5 + LBand all	auto frozen manual	0 ... <u>35</u> ... 70 dB						
lai	IstAntennaInfo	<b>Antenna</b>								
		Overview Main [antenna name]								
sal gal	setAntennaLocation getAntennaLocation	<b>Antenna</b> Antenna	Mode	DeltaX	DeltaY	DeltaZ				
		+ Base all	auto manual	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m				
sao gao	setAntennaOffset getAntennaOffset	<b>Antenna</b> Antenna	DeltaE	DeltaN	DeltaU	Type (20)	SerialNr (20)	SetupID		
		+ Main all	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	Unknown	Unknown	0 ... 255		
sto gto	setAttitudeOffset getAttitudeOffset	Heading	Pitch							
		-360.000 ... <u>0.000</u> ... 360.000 deg	-90.000 ... <u>0.000</u> ... 90.000 deg							
sbbs gbbs	setBBSamplingMode getBBSamplingMode	Mode								
		BeforeIM AfterIM								
scco gcco	setCalibCommonDelay getCalibCommonDelay	CommonDelay								
		-10000.000 ... <u>0.000</u> ... 10000.000 ns								
scsi gcsci	setCalibSignalDelay getCalibSignalDelay	<b>Signal</b> Signal	SignalDelay							

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 +QZSL1CB +NAVICL5 all	-1000.000 ... 0.000 ... 1000.000 ns							
sca	<b>setChannelAllocation</b>	<b>Channel</b>	<i>Satellite</i>	<i>Search</i>	<i>Doppler</i>	<i>Window</i>				
gca	<b>getChannelAllocation</b>	<i>Channel</i>								
		+Ch01 ... Ch60 all	<u>auto</u> G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J07 I01 ... I14	<u>auto</u> manual	-50000 ... 0 ... 50000 Hz	1 ... 16000 ... 100000 Hz				
scia	<b>setCheckInternetAvailability</b>	<i>Mode</i>								
gcia	<b>getCheckInternetAvailability</b>									
		<u>off</u> on								
scst	<b>setClockSyncThreshold</b>	<i>Threshold</i>	<i>StartupSync</i>							
gcst	<b>getClockSyncThreshold</b>									
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5	<u>off</u> on							
sc2f	<b>setCMRv2Formatting</b>	<i>ReferenceID</i>								
gc2f	<b>getCMRv2Formatting</b>									
		0 ... 31								
sc2i	<b>setCMRv2Interval</b>	<b>Message</b>	<i>Interval</i>							
gc2i	<b>getCMRv2Interval</b>	<i>Message</i>								
		+CMR0 +CMR1 +CMR2 +CMR3 all	0.1 ... 1.0 ... 600.0 s							
sc2m	<b>setCMRv2Message2</b>	<i>ShortID (8)</i>	<i>LongID (50)</i>	<i>COGO (16)</i>						
gc2m	<b>getCMRv2Message2</b>									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>						
sc2o gc2o	<b>setCMRv2Output</b> <b>getCMRv2Output</b>	<b>Cd</b> <i>Cd</i>	<i>Messages</i>							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + <u>CMR0</u> + <u>CMR1</u> + <u>CMR2</u> + <u>CMR3</u> all							
sc2u gc2u	<b>setCMRv2Usage</b> <b>getCMRv2Usage</b>	<i>MsgUsage</i>								
		none + <u>CMR0</u> + <u>CMR1</u> + <u>CMR2</u> + <u>CMR3</u> + <u>CMR0p</u> + <u>CMR0w</u> all								
scm gcm	<b>setCN0Mask</b> <b>getCN0Mask</b>	<b>Signal</b> <i>Signal</i>	<i>Mask</i>							

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 + BDSB11 + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL1CB + NAVICL5 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 baud500000 baud576000 baud921600 baud1000000 baud1152000 baud1500000 baud2000000 baud2500000 baud3000000 baud3500000 baud4000000	bits8	No	bit1	none RTS CTS			
lcf	IstConfigFile	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
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
scda gcda	<b>setCrossDomainWebAccess</b> <b>getCrossDomainWebAccess</b>	<i>Mode</i>								
		<u>off</u> on								
lcu	<b>IstCurrentUser</b>									
sdcm gdc	<b>setDaisyChainMode</b> <b>getDaisyChainMode</b>	<i>DC</i> <i>DC</i>	<i>Mode</i>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII RTCMv3							
sdio gdio	<b>setDataInOut</b> <b>getDataInOut</b>	<i>Cd</i> <i>Cd</i>	<i>Input</i>	<i>Output</i>	<i>Show</i>					
		+ DSK1 + COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + <u>SBF</u> + <u>NMEA</u> + ASCIIIDisplay + DC1 + DC2 + Encapsulate + LBandBeam1 + LBandBeam2	( <u>off</u> ) (on) (waiting)					
sdal gdal	<b>setDefaultAccessLevel</b> <b>getDefaultAccessLevel</b>	<i>Web</i>	<i>FileTransfer</i>	<i>Ip</i>	<i>Com</i>	<i>Usb</i>				
		none Viewer User	none <u>Viewer</u> User	none Viewer User	none Viewer User	none Viewer User				
sdca gdca	<b>setDiffCorrMaxAge</b> <b>getDiffCorrMaxAge</b>	<i>DGNSSCorr</i>	<i>RTKCorr</i>	<i>PPPCorr</i>	<i>Iono</i>					
		0.0 ...400.0 ...3600.0 s	0.0 ...20.0 ...3600.0 s	0.0 ...1200.0 ...3600.0 s	0.0 ...600.0 ...3600.0 s					
sdcu gdcu	<b>setDiffCorrUsage</b> <b>getDiffCorrUsage</b>	<i>Mode</i>	<i>MaxAge</i>	<i>BaseSelection</i>	<i>BaseID</i>	<i>MovingBase</i>	<i>MaxBase</i>	<i>MaxBaseline</i>		
		<u>LowLatency</u>	0.1 ...3600.0 s	<u>auto</u> manual	0 ...4095	<u>off</u> on	1 ...10	0 ...2500000 m		
sdfa gdfa	<b>setDiskFullAction</b> <b>getDiskFullAction</b>	<i>Disk</i> <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	<b>IstDiskInfo</b>	<i>Disk</i>	<i>Directory (60)</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1 all								
sdds gdds	<b>setDynamicDNS</b> <b>getDynamicDNS</b>	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40/2)</i>	<i>Hostname (40)</i>	<i>Bind</i>				
		off dyndns.org no-ip.com				auto Ethernet				
eeem gecm	<b>exeEchoMessage</b> <b>getEchoMessage</b>	<i>Cd</i>	<i>Message (242)</i>	<i>EndOfLine</i>						
		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	<b>setElevationMask</b> <b>getElevationMask</b>	<i>Engine</i> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	-90 ...0 ...90 deg							
smth gmth	<b>setENHTransfoHorizontal</b> <b>getENHTransfoHorizontal</b>	<i>TransfoID</i> <i>TransfoID</i>	<i>DeltaE</i>	<i>DeltaN</i>	<i>E0</i>	<i>N0</i>	<i>AlphaEE</i>	<i>AlphaEN</i>	<i>AlphaNE</i>	<i>AlphaNN</i>
		+ lt1 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	<b>setENHTransfoVertical</b> <b>getENHTransfoVertical</b>	<i>TransfoID</i> <i>TransfoID</i>	<i>DeltaH</i>	<i>E0</i>	<i>N0</i>	<i>AlphaHE</i>	<i>AlphaHN</i>			
		+ lt1 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	<b>setEthernetMode</b> <b>getEthernetMode</b>	<i>Enable</i>								
		off on								
sep gep	<b>setEventParameters</b> <b>getEventParameters</b>	<i>Event</i> <i>Event</i>	<i>Polarity</i>	<i>Delay</i>						
		+ EventA + EventB all	Low2High High2Low	-500.000000 ...0.000000 ...500.000000 ms						
sfn gfn	<b>setFileNaming</b> <b>getFileNaming</b>	<i>Cd</i> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>						

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						
sfpr gfpr	setFTPPushRINEX getFTPPushRINEX	Server (32)	Path (64)	User (12)	Password (24/2)					
				anonymous						
sfps gfps	setFTPPushSBF getFTPPushSBF	Server (32)	Path (64)	User (12)	Password (24/2)					
				anonymous						
efpt gfpt	exeFTPPushTest getFTPPushTest	Server (40)	Path (64)	User (20)	Password (40/2)					
				anonymous						
efup gfup	exeFTPUpgrade getFTPUpgrade	Server (32)	Path (64)	Login (12)	Password (24/2)					
				anonymous						
lopk	IstGalOSNMAPublicKeys									
sopk gopk	setGalOSNMAPublicKeys getGalOSNMAPublicKeys	ID ID	Key (233)							
		+ Key0 ... Key15 all								
sou gou	setGalOSNMAUsage getGalOSNMAUsage	Mode	MTRoot (65)							
		off loose strict								
sgd gdd	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 MovingBase								
sgpf ggpf	setGPIOFunctionality getGPIOFunctionality	GPPin GPPin	Mode	Input	Output					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GP1 + GP2 all	<u>Output</u>	<u>none</u>	<u>LevelLow</u> LevelHigh					
shm ghm	<b>setHealthMask</b> <b>getHealthMask</b>	<b>Engine</b> <b>Engine</b>	<b>Mask</b>							
		+ Tracking + PVT all	off <u>on</u>							
shs ghs	<b>setHttpsSettings</b> <b>getHttpsSettings</b>	<b>Protocol</b>								
		+ <u>HTTP</u> + <u>HTTPS</u> all								
lif	<b>lstInternalFile</b>	<b>File</b>								
		Permissions Identification Debug Error SisError DiffCorrError SetupError IPParameters RxMessages								
sim gim	<b>setlonosphereModel</b> <b>getlonosphereModel</b>	<b>Model</b>								
		<u>auto</u> off KlobucharGPS SBAS MultiFreq KlobucharBDS								
sipf gipf	<b>setIPFiltering</b> <b>getIPFiltering</b>	<b>Mode</b>	<b>AddrList (200)</b>							
		off on								
sipk gipk	<b>setIPKeepAlive</b> <b>getIPKeepAlive</b>	<b>Enable</b>	<b>IdleTime</b>	<b>Interval</b>	<b>MaxCount</b>					
		off on	<u>15</u> ... 18000 s	<u>1</u> ... 3600 s	<u>1</u> ... <u>15</u> ... 3600					
sipp gipp	<b>setIPPortSettings</b> <b>getIPPortSettings</b>	<b>Command</b>	<b>FTPControl</b>							
		<u>1</u> ... <u>28784</u> ... 65535	<u>1</u> ... <u>21</u> ... 65535							
sirs girs	<b>setIPReceivSettings</b> <b>getIPReceivSettings</b>	<b>Cd</b> <b>Cd</b>	<b>Port</b>	<b>Mode</b>	<b>TCPAddress (40)</b>					
		+ IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	<u>0</u> ... 65535	<u>TCP2Way</u> UDP	<u>0.0.0.0</u>					
sis giss	<b>setIPServerSettings</b> <b>getIPServerSettings</b>	<b>Cd</b> <b>Cd</b>	<b>Port</b>	<b>Mode</b>	<b>UDPAddress (200)</b>					



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ IPS1 + IPS2 + IPS3 + IPS4 + IPS5 all	<u>0 ... 65535</u>	<u>TCP</u> <u>UDP</u> <u>TCP2Way</u>	<u>255.255.255.255</u>					
sips gips	<b>setIPSettings</b> <b>getIPSettings</b>	<i>Mode</i>	<i>IP (16)</i>	<i>Netmask (16)</i>	<i>Gateway (16)</i>	<i>Domain (63)</i>	<i>DNS1 (16)</i>	<i>DNS2 (16)</i>	<i>MTU</i>	
		DHCP Static	<u>0.0.0.0</u>	<u>255.255.255.0</u>	<u>0.0.0.0</u>		<u>0.0.0.0</u>	<u>0.0.0.0</u>	<u>0 ... 1500</u>	
llbb	<b>lStLBandBeams</b>									
slbb glbb	<b>setLBandBeams</b> <b>getLBandBeams</b>	<b><i>Beam</i></b> <b><i>Beam</i></b>	<i>Frequency</i>	<i>Rate</i>	<i>Name (8)</i>	<i>Region (8)</i>	<i>Usage</i>			
		+ User1 + User2 all	<u>1525000000</u> ... <u>1559000000</u> Hz	baud600 baud1200 baud2400 baud4800	<u>Unknown</u>	<u>Unknown</u>	<u>Disabled</u> Enabled			
slcs glcs	<b>setLBandCustomServiceID</b> <b>getLBandCustomServiceID</b>	<i>ServiceID (4)</i>	<i>ScramblingVector</i>	<i>NDAUsage</i>						
		<u>0000</u>	<u>0000</u>	<u>off</u> <u>on</u>						
slnd glnd	<b>setLBandNTRIPDelivery</b> <b>getLBandNTRIPDelivery</b>	<i>Cd</i>								
		<u>none</u> NTR1 NTR2 NTR3 NTR4								
slsm glsm	<b>setLBandSelectMode</b> <b>getLBandSelectMode</b>	<i>Mode</i>	<i>Service</i>	<i>Beam1</i>	<i>Beam2</i>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		auto off manual	<u>Inmarsat</u> LBAS2	<u>User1</u> User2 LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32	User1 <u>User2</u> LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32					
slm glm	<b>setLEDMode</b> <b>getLEDMode</b>	<i>GPLED</i>	<i>GPLED2</i>							
		DIFFCORLED <u>PVTLED</u> TRACKLED LOGLED RTKLED	DIFFCORLED PVTLED TRACKLED LOGLED <u>RTKLED</u>							
slco glco	<b>setLocalCoordOperation</b> <b>getLocalCoordOperation</b>	<i>OpName (100)</i>	<i>ENHTransfo</i>							
		<u>NETWORK</u>	<u>none</u> It1							
llc	<b>lstLocalCoordOperations</b>	<b><i>Operation</i></b>								
		Overview								
login	<b>LogIn</b>	<i>UserName (16)</i>	<i>Password (32/2)</i>							
logout	<b>LogOut</b>									
smv gmv	<b>setMagneticVariance</b> <b>getMagneticVariance</b>	<i>Mode</i>	<i>Variation</i>							
		<u>auto</u> manual	-180.0 ... <u>0.0</u> ...180.0 deg							
emd gmd	<b>exeManageDisk</b> <b>getManageDisk</b>	<b><i>Disk</i></b>	<b><i>Action</i></b>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>DSK1</u>	<u>Unmount</u> Mount Format							
smg gmp	<b>setMarkerParameters</b> <b>getMarkerParameters</b>	<i>MarkerName (60)</i>	<i>MarkerNumber (10)</i>	<i>MarkerType (20)</i>	<i>StationCode (10)</i>	<i>MonumentIdx</i>	<i>ReceiverIdx</i>	<i>CountryCode (3)</i>		
		SEPT	<u>Unknown</u>	<u>Unknown</u>		0 ... 9	0 ... 9			
smf gmrf	<b>setMeas3MaxRefInterval</b> <b>getMeas3MaxRefInterval</b>	<i>MaxIntrvl</i>								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	<b>lstmIBDescription</b>	<i>File (255)</i>								
		Overview SBFTable								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
smm gmm	<b>setMultipathMitigation</b> <b>getMultipathMitigation</b>	<i>Code</i>	<i>Carrier</i>							
		off <u>on</u>	off <u>on</u>							
snrc gnrc	<b>setNetworkRTKConfig</b> <b>getNetworkRTKConfig</b>	<i>NetworkType</i>								
		<u>auto</u> VRS								
enoc gnoc	<b>exeNMEAOnce</b> <b>getNMEAOnce</b>	<i>Cd</i>	<i>Messages</i>							
		DSK1 <u>COM1</u> COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	+ ALM + DTM + GBS + GGA + GLL + <u>GNS</u> + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGK + GFA + GGQ + LLK + GMP + TFM + SNC + THS							
sno gno	<b>setNMEAOutput</b> <b>getNMEAOutput</b>	<i>Stream</i> <i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ Stream1 Stream10 all	... <u>none</u> DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	<u>none</u> + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGK + GFA + GGQ + LLK + GMP + TXTbase + TFM + SNC + THS	<u>off</u> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snp gnp	<b>setNMEAPrecision</b> <b>getNMEAPrecision</b>	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
		0 ... 2 ... 3	<u>Nominal</u> Mode1 Mode2	<u>off</u> only	0.000 ... <u>0.001</u> ... 1.000 m					
snti gnti	<b>setNMEATalkerID</b> <b>getNMEATalkerID</b>	<i>TalkerID</i>								
		auto <u>GP</u> GN								
snv gnv	<b>setNMEAVersion</b> <b>getNMEAVersion</b>	<i>Version</i>								
		<u>v3x</u> v4x								
snf gnf	<b>setNotchFiltering</b> <b>getNotchFiltering</b>	<b><i>Notch</i></b> <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>					
		+ Notch1 + Notch2 + Notch3 all	<u>auto</u> off manual	<u>1100.000</u> ... 1700.000 MHz	<u>30</u> ... 1600 kHz					
snc gnc	<b>setNtpClient</b> <b>getNtpClient</b>	<i>Mode</i>	<i>Server (40)</i>							
		on <u>off</u>	<u>default</u>							
sntp gntp	<b>setNTPServer</b> <b>getNTPServer</b>	<i>Enable</i>								
		<u>off</u> on								
snmp gnmp	<b>setNtripCasterMountPoints</b> <b>getNtripCasterMountPoints</b>	<b><i>MountPointID</i></b> <i>MountPointID</i>	<i>Enable</i>	<i>MPName (32)</i>	<i>ExtServer</i>	<i>UserName (20)</i>	<i>Password (40/2)</i>	<i>ClientAuth</i>		

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ MP1 + MP2 + MP3 all	<u>off</u> on		<u>No</u> Yes			none <u>basic</u>		
smpf gmpf	<b>setNtripCasterMPFormat</b> <b>getNtripCasterMPFormat</b>	<b>MountPointID</b> MountPointID	<b>Format</b>	<b>ManualFt (30)</b>	<b>FtDetails (100)</b>					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
sncs gncs	<b>setNtripCasterSettings</b> <b>getNtripCasterSettings</b>	<b>Mode</b>	<b>Port</b>	<b>Identifier (100)</b>	<b>TlsPort</b>					
		<u>off</u> on	0 ...2101 ...65535	<u>default</u>	0 ...2102 ...65535					
sncu gncu	<b>setNtripCasterUsers</b> <b>getNtripCasterUsers</b>	<b>UserID</b> UserID	<b>UserName (20)</b>	<b>Password (40/2)</b>	<b>MountPoints</b>	<b>MaxClients</b>				
		+ User1 + User2 + User3 + User4 + User5 all			<u>none</u> + MP1 + MP2 + MP3 all	1 ...10				
snts gnts	<b>setNtripSettings</b> <b>getNtripSettings</b>	<b>Cd</b> Cd	<b>Mode</b>	<b>Caster (40)</b>	<b>Port</b>	<b>UserName (20)</b>	<b>Password (40/2)</b>	<b>MountPoint (32)</b>	<b>Version</b>	<b>SendGGA</b>
		+ NTR1 + NTR2 + NTR3 + NTR4 all	<u>off</u> Server Client		0 ...2101 ...65535				v1 <u>v2</u>	<u>auto</u> off sec1 sec5 sec10 sec60
Inst	<b>IstNTRIPSourceTable</b>	<b>Caster (40)</b>	<b>Port</b>							
			0 ...2101 ...65535							
sntt gnnt	<b>setNtripTlsSettings</b> <b>getNtripTlsSettings</b>	<b>Cd</b> Cd	<b>Enable</b>	<b>Fingerprint (96)</b>						
		+ NTR1 + NTR2 + NTR3 + NTR4 all	<u>off</u> on							
soc goc	<b>setObserverComment</b> <b>getObserverComment</b>	<b>Comment (120)</b>								
		<u>Unknown</u>								
sop gop	<b>setObserverParameters</b> <b>getObserverParameters</b>	<b>Observer (20)</b>	<b>Agency (40)</b>							
		<u>Unknown</u>	<u>Unknown</u>							
spe gpe	<b>setPeriodicEcho</b> <b>getPeriodicEcho</b>	<b>Cd</b> Cd	<b>Message (201)</b>	<b>Interval</b>						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 + COM4 all	<u>A:Unknown</u>	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
sp2p gp2p	<b>setPointToPoint</b> <b>getPointToPoint</b>	<b>SessionID</b> <i>SessionID</i>	<i>Mode</i>	<i>Cd</i>	<i>ClientIP (20)</i>	<i>ServerIP (20)</i>	<i>Auth</i>	<i>Password (40/2)</i>	<i>ConnectTimeout</i>	<i>ActivityTimeout</i>
		+ P2PP1 all	Off Server	COM1 COM2 COM3 COM4	192.168.50.2	192.168.50.1	None PAP CHAP		60 ... 300 s	10 ... 600 ... 32000 s
spfw gpfw	<b>setPortFirewall</b> <b>getPortFirewall</b>	<b>Interface</b> <i>Interface</i>	<i>OpenPorts</i>	<i>PortList (100)</i>						
		+ Ethernet all	none <u>default</u> all PortList							
epwm gpwm	<b>exePowerMode</b> <b>getPowerMode</b>	<b>Mode</b>								
		<u>StandBy</u>								
spps gpps	<b>setPPSPParameters</b> <b>getPPSPParameters</b>	<i>Interval</i>	<i>Polarity</i>	<i>Delay</i>	<i>TimeScale</i>	<i>MaxSyncAge</i>	<i>PulseWidth</i>			
		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	0.000001 ... 5.000000 ... 1000.000000 ms			
sptp gptp	<b>setPTPServer</b> <b>getPTPServer</b>	<i>Enable</i>								
		off on								
spm gpm	<b>setPVTMode</b> <b>getPVTMode</b>	<i>Mode</i>	<i>RoverMode</i>	<i>RefPos</i>						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Static <u>Rover</u>	+ <u>StandAlone</u> + <u>SBAS</u> + <u>DGNSS</u> + <u>RTKFloat</u> + <u>RTKFixed</u> + RTK all	<u>auto</u> Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5						
srl grl	<b>setRAIMLevels</b> <b>getRAIMLevels</b>	<i>Mode</i>	<i>Pfa</i>	<i>Pmd</i>	<i>Reliability</i>					
		off <u>on</u> Mode1	-12 ... <u>4</u> ... -1	-12 ... <u>4</u> ... -1	-12 ... <u>3</u> ... -1					
grc	<b>getReceiverCapabilities</b>									
srd grd	<b>setReceiverDynamics</b> <b>getReceiverDynamics</b>	<i>Level</i>	<i>Motion</i>							
		Max High <u>Moderate</u> Low	Static Quasistatic Pedestrian <u>Automotive</u> RaceCar  HeavyMachinery UAV Unlimited							
gri	<b>getReceiverInterface</b>	<i>Item</i>								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	<b>lstRecordedFile</b>	<i>Disk</i>	<i>FileName (60)</i>							
		DSK1								
era gra	<b>exeRegisteredApplications</b> <b>getRegisteredApplications</b>	<i>Cd</i> <i>Cd</i>	<i>Application (12)</i>							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 all	<u>Unknown</u>							
erf grf	<b>exeRemoveFile</b> <b>getRemoveFile</b>	<i>Disk</i>	<i>FileName (200)</i>							
		<u>DSK1</u>	<u>none</u> all							
ernf grnf	<b>exeResetNavFilter</b> <b>getResetNavFilter</b>	<i>Level</i>								
		+ <u>PVT</u> + <u>AmbRTK</u> all								
erst grst	<b>exeResetReceiver</b> <b>getResetReceiver</b>	<i>Level</i>	<i>EraseMemory</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Soft Hard Upgrade	<u>none</u> + Config + PVTData + SatData + HTTSPSCertificate + SISAAuthData all							
srxl grxl	<b>setRINEXLogging</b> <b>getRINEXLogging</b>	<b>Cd</b> <i>Cd</i>	<i>FileDuration</i>	<i>ObsInterval</i>	<i>SignalTypes</i>	<i>ExtraObsTypes</i>	<i>RINEXVersion</i>	<i>MixedNav</i>		
		+ DSK1 all	<u>none</u> hour1 hour6 hour24 minute15	<u>sec1</u> sec2 sec5 sec10 sec15 sec30 sec60	<u>none</u> + GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB11 + BDSB21 + BDSB31 + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL1CB + NAVICL5 all	<u>none</u> + Dx + Sx + Channel all	v211  <u>v304ShortName</u>	off <u>on</u>		
sr2c gr2c	<b>setRTCMv2Compatibility</b> <b>getRTCMv2Compatibility</b>	<i>PRCType</i>	<i>GLOToD</i>	<i>RTKVersion</i>						
		<u>Standard</u> GroupDelay	<u>Tk</u> Tb	v2.1 <u>v2.2orLater</u>						
sr2h gr2h	<b>setRTCMv2EphemerisHoldoff</b> <b>getRTCMv2EphemerisHoldoff</b>	<i>TimeGPS</i>	<i>TimeGLO</i>							
		0 ... 300 s	0 ... 300 s							
sr2f gr2f	<b>setRTCMv2Formatting</b> <b>getRTCMv2Formatting</b>	<i>ReferenceID</i>	<i>GLOToD</i>							
		0 ... 1023	<u>Tk</u> Tb							
sr2i gr2i	<b>setRTCMv2Interval</b> <b>getRTCMv2Interval</b>	<b>Message</b> <i>Message</i>	<i>ZCount</i>							
		+ RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM17 + RTCM22 + RTCM23   24 + RTCM31 + RTCM32 all	1 ... 2 ... 1000							
sr2b gr2b	<b>setRTCMv2IntervalObs</b> <b>getRTCMv2IntervalObs</b>	<b>Message</b> <i>Message</i>	<i>Interval</i>							



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ RTCM18 19 + RTCM20 21 all	1...600 s							
sr2m gr2m	setRTCMv2Message16 getRTCMv2Message16	Message (90)								
		Unknown								
sr2o gr2o	setRTCMv2Output getRTCMv2Output	Cd Cd	Messages							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + 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	GL0L2	RxType (32)	MaxMSMSats				

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>0 ...4095</u>	+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	<u>L2CA</u> L2P	<u>default</u>	<u>1 ...128</u>				
sr3i gr3i	setRTCMv3Interval getRTCMv3Interval	<i>Message</i> <i>Message</i>	<i>Interval</i>							
		+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	<u>0.1 ...1.0</u> ...600.0 s							
sr3m gr3m	setRTCMv3Message1029 getRTCMv3Message1029	<i>Message (120)</i>								
		<u>Unknown</u>								
sr3o gr3o	setRTCMv3Output getRTCMv3Output	<i>Cd</i> <i>Cd</i>	<i>Messages</i>							

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 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + RTCM1001 + RTCM1002 + RTCM1003 + RTCM1004 + RTCM1005 <u>+ RTCM1006</u> + RTCM1007 ... RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 <u>+ RTCM1033</u> + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 + RTCM1072 + RTCM1073 <u>+ RTCM1074</u> + RTCM1075 + RTCM1076 + RTCM1077 + RTCM1081 + RTCM1082 + RTCM1083 <u>+ RTCM1084</u> + RTCM1085 + RTCM1086 + RTCM1087 + RTCM1091 + RTCM1092 + RTCM1093 <u>+ RTCM1094</u> + RTCM1095 + RTCM1096 + RTCM1097 + RTCM1101 ... RTCM1107 + RTCM1111 ... RTCM1117 + RTCM1121 + RTCM1122 + RTCM1123 <u>+ RTCM1124</u> + RTCM1125 + RTCM1126 + RTCM1127 + RTCM1131 ... RTCM1137 <u>+ RTCM1230</u> + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 + Nav all							
sr3u	<b>setRTCMv3Usage</b>	<i>MsgUsage</i>								
gr3u	<b>getRTCMv3Usage</b>									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + RTCM1001 ... <u>RTCM1013</u> + RTCM1015 + RTCM1016 + RTCM1017 + RTCM1019 ... <u>RTCM1027</u> + RTCM1029 + RTCM1033 + RTCM1037 + RTCM1038 + RTCM1039 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 ... <u>RTCM1077</u> + RTCM1081 ... <u>RTCM1087</u> + RTCM1091 ... <u>RTCM1097</u> + RTCM1111 ... <u>RTCM1117</u> + RTCM1121 ... <u>RTCM1127</u> + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 + Nav all								
sst	<b>setSatelliteTracking</b>	<i>Satellite</i>								
gst	<b>getSatelliteTracking</b>									
		none + G01 ... G32 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J07 + I01 ... I14 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all								
ssu	<b>setSatelliteUsage</b>	<i>Satellite</i>								
gsu	<b>getSatelliteUsage</b>									

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

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 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
sso	setSBFOutput	<b>Stream</b>	<b>Cd</b>	<b>Messages</b>	<b>Interval</b>					
gso	getSBFOutput	<b>Stream</b>								
		+ Stream1 Stream10 + Res1 + Res2 + Res3 + Res4 all	... <u>none</u> DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	<u>none</u> [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Event + DiffCorr + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support	<u>off</u> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snt	setSignalTracking	<b>Signal</b>								
gnt	getSignalTracking									

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 +QZSL1CB +NAVICL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all								
snu gnu	<b>setSignalUsage</b> <b>getSignalUsage</b>	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 +QZSL1CB +NAVICL5 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 +QZSL1CB +NAVICL5 all							
ssi gsi	<b>setSmoothingInterval</b> <b>getSmoothingInterval</b>	<b>Signal</b> 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 +QZSL1CB +NAVICL5 all	0 ... 1000 s	0 ... 1000 s						
sspc gspc	<b>setStaticPosCartesian</b> <b>getStaticPosCartesian</b>	<b>Position</b> <i>Position</i>	<i>X</i>	<i>Y</i>	<i>Z</i>	<i>Datum</i>				
		+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	<b>setStaticPosGeodetic</b> <b>getStaticPosGeodetic</b>	<b>Position</b> <i>Position</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Altitude</i>	<i>Datum</i>				
		+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 GDA2020 User1 User2 Other				
stss gtss	<b>setTimeSyncSource</b> <b>getTimeSyncSource</b>	<i>Source</i>								
		none EventA EventB								
sts gts	<b>setTimingSystem</b> <b>getTimingSystem</b>	<i>System</i>								
		Galileo GPS BeiDou auto								
stlp gtlp	<b>setTrackingLoopParameters</b> <b>getTrackingLoopParameters</b>	<b>Signal</b> <i>Signal</i>	<i>DLLBandwidth</i>	<i>PLLBandwidth</i>	<i>MaxTpDLL</i>	<i>MaxTpPLL</i>	<i>Adaptive</i>			



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 + QZSL1CB + 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	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 ... 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						

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						
swbi gwbi	setWBIMitigation getWBIMitigation	Mode								
		off on								

# SBF List

ASCIIn	AttCovEuler	AttEuler
BBSamples	BDSAlm	BDSIon
BDSNav	BDSRaw	BDSRawB1C
BDSRawB2a	BDSRawB2b	BDSUtc
BaseStation	BaseVectorCart	BaseVectorGeod
ChannelStatus	Commands	Comment
DOP	DiffCorrIn	DiskStatus
DynDNSStatus	EndOfAtt	EndOfMeas
EndOfPVT	ExtEvent	ExtEventAttEuler
ExtEventBaseVectGeod	ExtEventPVTCartesian	ExtEventPVTGeodetic
FugroDDS	FugroStatus	GALAlm
GALAuthStatus	GALGstGps	GALLon
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
GPSCNav	GPSIon	GPSNav
GPSRawCA	GPSRawL2C	GPSRawL5
GPSTime	Group1	Group2
Group3	Group4	IPStatus
InputLink	LBandBeams	LBandRaw
LBandTrackerStatus	Meas3CN0HiRes	Meas3Doppler
Meas3MP	Meas3PP	Meas3Ranges
MeasEpoch	MeasExtra	NAVICRaw
NTRIPClientStatus	NTRIPServerStatus	OutputLink
P2PPStatus	PVTCartesian	PVTGeodetic
PVTSupport	PVTSupportA	PosCart
PosCovCartesian	PosCovGeodetic	PosLocal
PosProjected	QZSAlm	QZSNav
QZSRawL1CA	QZSRawL2C	QZSRawL5
QualityInd	RFStatus	RTCMDatum
ReceiverSetup	ReceiverStatus	ReceiverTime
RxMessage	SatVisibility	VelCovCartesian
VelCovGeodetic	xPPSOffset	