

# 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	<b>setAGCMode</b> <b>getAGCMode</b>	<b>Band</b> <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+ L1 + L2 + L5 + LBand all	auto frozen manual	0 ... 35 ... 70 dB						
lai	<b>IstAntennaInfo</b>	<b>Antenna</b>								
		Overview Main [antenna name]								
sal gal	<b>setAntennaLocation</b> <b>getAntennaLocation</b>	<b>Antenna</b> <i>Antenna</i>	<i>Mode</i>	<i>DeltaX</i>	<i>DeltaY</i>	<i>DeltaZ</i>				
		+ 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	<b>setAntennaOffset</b> <b>getAntennaOffset</b>	<b>Antenna</b> <i>Antenna</i>	<i>DeltaE</i>	<i>DeltaN</i>	<i>DeltaU</i>	<i>Type (20)</i>	<i>SerialNr (20)</i>	<i>SetupID</i>		
		+ Main all	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	Unknown	Unknown	0 ... 255		
sto gto	<b>setAttitudeOffset</b> <b>getAttitudeOffset</b>	<i>Heading</i>	<i>Pitch</i>							
		-360.000 ... 0.000 ... 360.000 deg	-90.000 ... 0.000 ... 90.000 deg							
sbbs gbbs	<b>setBBSamplingMode</b> <b>getBBSamplingMode</b>	<i>Mode</i>								
		BeforeIM AfterIM								
sca gca	<b>setChannelAllocation</b> <b>getChannelAllocation</b>	<b>Channel</b> <i>Channel</i>	<i>Satellite</i>	<i>Search</i>	<i>Doppler</i>	<i>Window</i>				
		+ Ch01 ... Ch60 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				
scia gcia	<b>setCheckInternetAvailability</b> <b>getCheckInternetAvailability</b>	<i>Mode</i>								
		off on								
eccd gccd	<b>exeClearCollectDatabase</b> <b>getClearCollectDatabase</b>	<b>CollectDB</b>								
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
scst gcst	<b>setClockSyncThreshold</b> <b>getClockSyncThreshold</b>	<i>Threshold</i>	<i>StartupSync</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5	off on							
sc2f gc2f	<b>setCMRv2Formatting</b> <b>getCMRv2Formatting</b>	<i>ReferenceID</i>								
		0...31								
sc2i gc2i	<b>setCMRv2Interval</b> <b>getCMRv2Interval</b>	<b>Message</b> <i>Message</i>	<i>Interval</i>							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 ... 1.0 ... 600.0 s							
sc2m gc2m	<b>setCMRv2Message2</b> <b>getCMRv2Message2</b>	<i>ShortID (8)</i>	<i>LongID (50)</i>	<i>COGO (16)</i>						
		Unknown	Unknown	Unknown						
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 + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB11 + BDSB21 + BDSB31 + BDSB1C + BDSB2a + QZSL1CA + QZSL2C + QZSL5 + NAVICL5 all	0 ... 10 ... 60 dB-Hz							
scdd gcdd	<b>setCollectDBAppData</b> <b>getCollectDBAppData</b>	<b>CollectDB</b> <i>CollectDB</i>	<i>AppParams1 (25)</i>	<i>AppParams2 (25)</i>	<i>AppParams3 (25)</i>	<i>AppParams4 (25)</i>				
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
scdt gcdt	<b>setCollectDBAttributes</b> <b>getCollectDBAttributes</b>	<b>Attribute</b> <i>Attribute</i>	<i>CollectDB</i>	<i>Name (40)</i>	<i>Value (40)</i>					
		+ Attr1 ... Attr20 all	<i>none</i> + CollectDB1 + CollectDB2 + CollectDB3							
scdo gcdo	<b>setCollectDBProperties</b> <b>getCollectDBProperties</b>	<b>CollectDB</b> <i>CollectDB</i>	<i>Name (50)</i>							
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
lci	<b>IstCollectedItems</b>	<b>Item</b>	<i>Attributes (255)</i>							
		<u>CollectDB1</u> CollectDB2 CollectDB3 all [collectId]	"+"-separated list of attributes							
lcp	<b>IstCollectPlaceholders</b>									
ecp gcp	<b>exeCollectPoint</b> <b>getCollectPoint</b>	<b>CollectDB</b>	<b>Comment (250)</b>							
		<u>CollectDB1</u> CollectDB2 CollectDB3								
help	<b>IstCommandHelp</b>	<b>Action (255)</b>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Overview								
scs gcs	<b>setCOMSettings</b> <b>getCOMSettings</b>	<b>Cd</b> <i>Cd</i>	<i>Rate</i>	<i>DataBits</i>	<i>Parity</i>	<i>StopBits</i>	<i>FlowControl</i>			
		+ COM1 + COM2 + COM3 + COM4 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u> baud230400 baud460800 baud500000 baud576000 baud921600 baud1000000 baud1152000 baud1500000 baud2000000 baud2500000 baud3000000 baud3500000 baud4000000	bits8	No	bit1	none RTS CTS			
lcf	<b>IstConfigFile</b>	<b>File</b>								
		Current Boot RxDefault User1 User2								
eccf gccf	<b>exeCopyConfigFile</b> <b>getCopyConfigFile</b>	<b>Source</b>	<b>Target</b>							
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
scoc gcoc	<b>setCosmosConfig</b> <b>getCosmosConfig</b>	<i>Enable</i>	<i>CustomerID (24)</i>							
		off on								
scda gcda	<b>setCrossDomainWebAccess</b> <b>getCrossDomainWebAccess</b>	<i>Mode</i>								
		off on								
lcu	<b>IstCurrentUser</b>									
sdcm gdcm	<b>setDaisyChainMode</b> <b>getDaisyChainMode</b>	<b>DC</b> <i>DC</i>	<i>Mode</i>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII							
sdio gdio	<b>setDataInOut</b> <b>getDataInOut</b>	<b>Cd</b> <i>Cd</i>	<i>Input</i>	<i>Output</i>	<i>Show</i>					

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 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + SBF + NMEA + ASCIIIDisplay + DC1 + DC2 + Encapsulate + LBandBeam1 + LBandBeam2	(off) (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 <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>				
edp gdp	<b>exeDeletePoint</b> <b>getDeletePoint</b>	<b>CollectID</b>								
		0 ...439804651110								
sdca gdca	<b>setDiffCorrMaxAge</b> <b>getDiffCorrMaxAge</b>	<i>DGPSCorr</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 ... 0.0 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>BaselD</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>	<b>Disk</b> <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	<b>IstDiskInfo</b>	<b>Disk</b>	<b>Directory (60)</b>							
		DSK1 all								
sdds gd ds	<b>setDynamicDNS</b> <b>getDynamicDNS</b>	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40)</i>	<i>Hostname (40)</i>	<i>Bind</i>				
		off dyndns.org no-ip.com				<u>auto</u> Ethernet				
ee cm ge cm	<b>exeEchoMessage</b> <b>getEchoMessage</b>	<b>Cd</b>	<b>Message (242)</b>	<b>EndOfLine</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 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5 DC1 DC2	<u>A:Unknown</u>	<u>none</u> + CR + LF all						
sem gem	<b>setElevationMask</b> <b>getElevationMask</b>	<b>Engine</b> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	-90 ... 0 ... 90 deg							
smth gmth	<b>setENHTransfoHorizontal</b> <b>getENHTransfoHorizontal</b>	<b>TransfoID</b> <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>	<b>TransfoID</b> <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>	<b>Event</b> <i>Event</i>	<i>Polarity</i>	<i>Delay</i>						
		+ EventA + EventB all	<u>Low2High</u> High2Low	-500.000000 ... 0.000000 ... 500.000000 ms						
sfn gfn	<b>setFileNaming</b> <b>getFileNaming</b>	<b>Cd</b> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>						
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfpr gfpr	<b>setFTPPushRINEX</b> <b>getFTPPushRINEX</b>	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24)</i>					
				anonymous						
sfps gfps	<b>setFTPPushSBF</b> <b>getFTPPushSBF</b>	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24)</i>					
				anonymous						
efpt gfpt	<b>exeFTPPushTest</b> <b>getFTPPushTest</b>	<b>Server (40)</b>	<b>Path (64)</b>	<b>User (20)</b>	<b>Password (40)</b>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
				anonymous						
efup gfup	exeFTPUpgrade getFTPUpgrade	Server (32)	Path (64)	Login (12)	Password (24)					
				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 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 MovingBase								
sgpf ggpf	setGPIOFunctionality getGPIOFunctionality	GPPin GPPin	Mode	Input	Output					
		+ GP1 + GP2 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	IstInternalFile	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	<b>setlonosphereModel</b> <b>getlonosphereModel</b>	<i>Model</i>								
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	<b>setIPFiltering</b> <b>getIPFiltering</b>	<i>Mode</i>	<i>AddrList (200)</i>							
		off on								
sipk gipk	<b>setIPKeepAlive</b> <b>getIPKeepAlive</b>	<i>Enable</i>	<i>IdleTime</i>	<i>Interval</i>	<i>MaxCount</i>					
		off on	15 ... 18000 s	1 ... 3600 s	1 ... 15 ... 3600					
sipp gipp	<b>setIPPortSettings</b> <b>getIPPortSettings</b>	<i>Command</i>	<i>FTPControl</i>							
		1 ... 28784 ... 65535	1 ... 21 ... 65535							
sirs girs	<b>setIPReceiveSettings</b> <b>getIPReceiveSettings</b>	<i>Cd</i> <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>TCPAddress (40)</i>					
		+ IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	0 ... 65535	TCP2Way UDP	0.0.0.0					
sisss giss	<b>setIPServerSettings</b> <b>getIPServerSettings</b>	<i>Cd</i> <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>UDPAddress (20)</i>					
		+ IPS1 + IPS2 + IPS3 + IPS4 + IPS5 all	0 ... 65535	TCP UDP TCP2Way	255.255.255.255					
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	0.0.0.0	255.255.255.0	0.0.0.0		0.0.0.0	0.0.0.0	0 ... 1500	
lbb	<b>lStLBandBeams</b>									
slbb glbb	<b>setLBandBeams</b> <b>getLBandBeams</b>	<i>Beam</i> <i>Beam</i>	<i>Frequency</i>	<i>Rate</i>	<i>Name (8)</i>	<i>Region (8)</i>	<i>Usage</i>			
		+ User1 + User2 all	1525000000 ... 1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
sics glcs	<b>setLBandCustomServiceID</b> <b>getLBandCustomServiceID</b>	<i>ServiceID (4)</i>	<i>ScramblingVector</i>	<i>NDAUsage</i>						



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	<b>setLBandSelectMode</b> <b>getLBandSelectMode</b>	Mode	Service	Beam1	Beam2					
		off manual	Inmarsat	User1 User2 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 User2 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>	GPLED	GPLED2							
		DIFFCORLED PVTLED TRACKLED LOGLED RTKLED	DIFFCORLED PVTLED TRACKLED LOGLED RTKLED							
slco glco	<b>setLocalCoordOperation</b> <b>getLocalCoordOperation</b>	OpName (100)	ENHTransfo							
		NETWORK	none lt1							
llc	<b>lstLocalCoordOperations</b>	<b>Operation</b>								
		Overview								
login	<b>Login</b>	UserName (16)	Password (32)							
logout	<b>LogOut</b>									
smv gmv	<b>setMagneticVariance</b> <b>getMagneticVariance</b>	Mode	Variation							
		auto manual	-180.0 ... 0.0 ... 180.0 deg							
emd gmd	<b>exeManageDisk</b> <b>getManageDisk</b>	<b>Disk</b>	<b>Action</b>							
		DSK1	Unmount Mount Format							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
smp gmp	<b>setMarkerParameters</b> <b>getMarkerParameters</b>	MarkerName (60)	MarkerNumber (	MarkerType (20)	StationCode (10)	MonumentIdx	ReceiverIdx	CountryCode (3)		
		SEPT	Unknown	Unknown		0 ... 9	0 ... 9			
smrf gmrf	<b>setMeas3MaxRefInterval</b> <b>getMeas3MaxRefInterval</b>	MaxIntrvl								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	IstMIBDescription	<i>File (255)</i>								
		Overview SBFTable								
smm gmm	setMultipathMitigation getMultipathMitigation	<i>Code</i>	<i>Carrier</i>							
		off <u>on</u>	off <u>on</u>							
snrc gnrc	setNetworkRTKConfig getNetworkRTKConfig	<i>NetworkType</i>								
		auto VRS								
enoc gnoc	exeNMEAOnce getNMEAOnce	<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	setNMEAOutput getNMEAOutput	<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 ... 0.001 ... 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>Notch</b> <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>					
		+ Notch1 + Notch2 + Notch3 all	<u>auto</u> off manual	1100.000 ... 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>MountPointID</b> <i>MountPointID</i>	<i>Enable</i>	<i>MPName (32)</i>	<i>ExtServer</i>	<i>UserName (20)</i>	<i>Password (40)</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	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 + NTR4 all	off Server Client		0 ... 2101 ... 65535				v1 v2	auto off sec1 sec5 sec10 sec60
Inst	IstNTRIPSourceTable	Caster (40)	Port							
			0 ... 2101 ... 65535							
sntt gntt	setNtripTlsSettings getNtripTlsSettings	Cd Cd	Enable	Fingerprint (96)						
		+ NTR1 + NTR2 + NTR3 + NTR4 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						

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)</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 gpss	<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	<u>GPS</u> Galileo BeiDou GLONASS UTC RxClock	0 ... 60 ... 3600 s	0.001 ... <u>5.000</u> ... 1000.000 ms			
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 Rover	+ <u>StandAlone</u> + <u>SBAS</u> + <u>DGPS</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>	-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 + HTTPSCertificate + 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	sec1 sec2 sec5 sec10 sec15 sec30 sec60	<u>none</u> + <u>GPSL1CA</u> + <u>GPSL1PY</u> + <u>GPSL2PY</u> + <u>GPSL2C</u> + <u>GPSL5</u> + <u>GLOL1CA</u> + <u>GLOL2P</u> + <u>GLOL2CA</u> + <u>GLOL3</u> + <u>GALL1BC</u> + <u>GALE5a</u> + <u>GALE5b</u> + <u>GALE5</u> + <u>GEOL1</u> + <u>GEOL5</u> + <u>BDSB1I</u> + <u>BDSB2I</u> + <u>BDSB3I</u> + <u>BDSB1C</u> + <u>BDSB2a</u> + <u>QZSL1CA</u> + <u>QZSL2C</u> + <u>QZSL5</u> + <u>NAVICL5</u> 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>						
		Standard GroupDelay	Tk Tb	v2.1 <u>v2.2orLater</u>						
sr2f gr2f	<b>setRTCMv2Formatting</b> <b>getRTCMv2Formatting</b>	<i>ReferenceID</i>	<i>GLOToD</i>							
		0...1023	Tk 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>							
		+ RTCM18 19 + RTCM20 21 all	1...600 s							
sr2m gr2m	<b>setRTCMv2Message16</b> <b>getRTCMv2Message16</b>	<i>Message (90)</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>Unknown</u>								
sr2o gr2o	<b>setRTCMv2Output</b> <b>getRTCMv2Output</b>	<b>Cd</b> <i>Cd</i>	<b>Messages</b>							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPSS + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + <u>RTCM1</u> + <u>RTCM3</u> + <u>RTCM9</u> + <u>RTCM16</u> + <u>RTCM18 19</u> + <u>RTCM20 21</u> + <u>RTCM22</u> + <u>RTCM23 24</u> + <u>RTCM31</u> + <u>RTCM32</u> + <u>RTCM17</u> + DGPS + RTK all							
sr2u gr2u	<b>setRTCMv2Usage</b> <b>getRTCMv2Usage</b>	<i>MsgUsage</i>								
		none + <u>RTCM1</u> + <u>RTCM3</u> + <u>RTCM9</u> + <u>RTCM15</u> + <u>RTCM18 19</u> + <u>RTCM20 21</u> + <u>RTCM22</u> + <u>RTCM23 24</u> + <u>RTCM31</u> + <u>RTCM32</u> + <u>RTCM34</u> + <u>RTCM17</u> + <u>RTCM59</u> all								
sr3t gr3t	<b>setRTCMv3CRSTransfo</b> <b>getRTCMv3CRSTransfo</b>	<i>Mode</i>	<i>TargetName (32)</i>							
		auto manual								
sr3d gr3d	<b>setRTCMv3Delay</b> <b>getRTCMv3Delay</b>	<i>Delay</i>								
		0.0 ... 600.0 s								
sr3f gr3f	<b>setRTCMv3Formatting</b> <b>getRTCMv3Formatting</b>	<i>ReferenceID</i>	<i>MSMSignals</i>	<i>GLOL2</i>	<i>RxType (32)</i>					



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Q ... 4095	+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +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	none							
		+ COM2	+ RTCM1001							
		+ COM3	+ RTCM1002							
		+ COM4	+ RTCM1003							
		+ USB1	+ RTCM1004							
		+ USB2	+ RTCM1005							
		+ IP10 ... IP17	+ RTCM1006							
		+ NTR1	+ RTCM1007 ...							
		+ NTR2	RTCM1013							
		+ NTR3	+ RTCM1019							
		+ NTR4	+ RTCM1020							
		+ IPS1	+ RTCM1029							
		+ IPS2	+ RTCM1033							
		+ IPS3	+ RTCM1042							
		+ IPS4	+ RTCM1044							
		+ IPS5	+ RTCM1045							
		+ IPR1	+ RTCM1046							
		+ IPR2	+ RTCM1071							
		+ IPR3	+ RTCM1072							
		+ IPR4	+ RTCM1073							
		+ IPR5	+ RTCM1074							
		all	+ RTCM1075							
			+ RTCM1076							
			+ RTCM1077							
			+ RTCM1081							
			+ RTCM1082							
			+ RTCM1083							
			+ RTCM1084							
			+ RTCM1085							
			+ RTCM1086							
			+ RTCM1087							
			+ RTCM1091							
			+ RTCM1092							
			+ RTCM1093							
			+ RTCM1094							
			+ RTCM1095							
			+ RTCM1096							
			+ RTCM1097							
			+ RTCM1101 ...							
			RTCM1107							
			+ RTCM1111 ...							
			RTCM1117							
			+ RTCM1121							
			+ RTCM1122							
			+ RTCM1123							
			+ RTCM1124							
			+ RTCM1125							
			+ RTCM1126							
			+ RTCM1127							
			+ RTCM1131 ...							
			RTCM1137							
			+ RTCM1230							
			+ MSM1							
			+ MSM2							
			+ MSM3							
			+ MSM4							
			+ MSM5							
			+ MSM6							
			+ MSM7							
			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 all								
sst gst	<b>setSatelliteTracking</b> <b>getSatelliteTracking</b>	<i>Satellite</i>								
		none +G01 ... <u>G32</u> +R01 ... <u>R30</u> +E01 ... <u>E36</u> +S120 ... <u>S158</u> +C01 ... <u>C63</u> +J01 ... <u>J07</u> +I01 ... <u>I14</u> +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all								
ssu gsu	<b>setSatelliteUsage</b> <b>getSatelliteUsage</b>	<i>Satellite</i>								

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	<b>setSBASCorrections</b> <b>getSBASCorrections</b>	<i>Satellite</i>	<i>SISMode</i>	<i>NavMode</i>	<i>DO229Version</i>					
		auto EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test <u>Operational</u>	EnRoute PrecApp <u>MixedSystems</u>	auto DO229C					
ssgp gsgp	<b>setSBFGroups</b> <b>getSBFGroups</b>	<b>Group</b> <i>Group</i>	<i>Messages</i>							
		+ Group1 + Group2 + Group3 + Group4 all	none [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	<b>setSBFOutput</b>	<b>Stream</b>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					
gso	<b>getSBFOutput</b>	<i>Stream</i>								
		+ Stream1 Stream10 + Res1 + Res2 + Res3 + Res4 all	... <i>none</i> DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	<i>none</i> [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	<i>off</i> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snt	<b>setSignalTracking</b>	<i>Signal</i>								
gnt	<b>getSignalTracking</b>									

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 +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +NAVICL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all								
snu	<b>setSignalUsage</b>	<i>PVT</i>	<i>NavData</i>							
gnu	<b>getSignalUsage</b>									
		+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 all	+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 all							
ssi	<b>setSmoothingInterval</b>	<i>Signal</i>	<i>Interval</i>	<i>Alignment</i>						
gsi	<b>getSmoothingInterval</b>	<i>Signal</i>								

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 +GALE5a +GALE5b +GALES +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +NAVICL5 all	0...1000 s	0...1000 s						
sspc gspc	<b>setStaticPosCartesian</b> <b>getStaticPosCartesian</b>	<b>Position</b> 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	<b>setStaticPosGeodetic</b> <b>getStaticPosGeodetic</b>	<b>Position</b> Position	Latitude	Longitude	Altitude	Datum				
		+ Geodetic1 + Geodetic2 + Geodetic3 + Geodetic4 + Geodetic5 all	-90.0000000000 ...0.0000000000 ...90.0000000000 deg	180.0000000000 ...0.0000000000 ...180.0000000000 deg	-1000.0000 ...0.0000 ...30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 User1 User2 Other				
stss gtss	<b>setTimeSyncSource</b> <b>getTimeSyncSource</b>	Source								
		none EventA EventB								
sts gts	<b>setTimingSystem</b> <b>getTimingSystem</b>	System								
		Galileo GPS BeiDou auto								
stlp gtlp	<b>setTrackingLoopParameters</b> <b>getTrackingLoopParameters</b>	<b>Signal</b> 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 +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +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								
eup gup	exeUpdatePoint getUpdatePoint	CollectID	Comment (250)							
		0 ... 439804651110								
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



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ 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	<b>setUserEllipsoid</b> <b>getUserEllipsoid</b>	<b>Datum</b> <i>Datum</i>	A	<i>Invf</i>						
		+ User1 + User2 all	6300000.000 ... 6378137.000 ... 6400000.000 m	290.000000000 ... 298.25722356 ... 305.000000000						
swbi gwbi	<b>setWBIMitigation</b> <b>getWBIMitigation</b>	<i>Mode</i>								
		<i>off</i> <i>on</i>								
ewcf gwcf	<b>exeWriteCollectCsvFile</b> <b>getWriteCollectCsvFile</b>	<b>CollectDB</b>	<b>Disk</b>	<b>FileName (8)</b>	<b>Separator</b>					
		CollectDB1 CollectDB2 CollectDB3	DSK1	collect	Comma Tab Colon SemiColon Space Vertical_Bar					

## SBF List

ASCIIn	AttCovEuler	AttEuler
BBSamples	BDSAlm	BDSIon
BDSNav	BDSRaw	BDSRawB1C
BDSRawB2a	BDSUtc	BaseStation
BaseVectorCart	BaseVectorGeod	ChannelStatus
Commands	Comment	CosmosStatus
DOP	DiffCorrIn	DiskStatus
DynDNSStatus	EndOfAtt	EndOfMeas
EndOfPVT	ExtEvent	ExtEventAttEuler
ExtEventBaseVectGeod	ExtEventPVTCartesian	ExtEventPVTGeodetic
GALAlm	GALAuthStatus	GALGstGps
GALLion	GALNav	GALRawFNAV
GALRawINAV	GALSARRLM	GALUtc
GEOAlm	GEOClockEphCovMatrix	GEODegrFactors
GEOFastCorr	GEOFastCorrDegr	GEOIGPMask
GEOIntegrity	GEOlonoDelay	GEOLongTermCorr
GEOMT00	GEONav	GEONetworkTime
GEOPRNMask	GEORawL1	GEORawL5
GEOServiceLevel	GISAction	GISStatus
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
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	