

# 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.

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
eawa gawa	<b>exeAddWiFiAccessPoint</b> <b>getAddWiFiAccessPoint</b>	<b>SSID (32)</b>	<b>Key (40)</b>							
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>lstAntennalInfo</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		
sav gav	<b>setAntennaVoltage</b> <b>getAntennaVoltage</b>	<i>Voltage</i>								
		volts3.3 volts5.0								
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								
sbtp gbtp	<b>setBTPParameters</b> <b>getBTPParameters</b>	<i>Enable</i>	<i>DeviceName (32)</i>	<i>PairingCode (8)</i>	<i>Discoverable</i>	<i>DeviceNameActu</i>				
		off on	default	1234	off on	model-serialnumb				
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								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
eccd gccd	<b>exeClearCollectDatabase</b> <b>getClearCollectDatabase</b>	<b>CollectDB</b>								
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
scst gcst	<b>setClockSyncThreshold</b> <b>getClockSyncThreshold</b>	<b>Threshold</b>								
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5								
sc2f gc2f	<b>setCMRv2Formatting</b> <b>getCMRv2Formatting</b>	<b>ReferenceID</b>								
		0 ... 31								
sc2i gc2i	<b>setCMRv2Interval</b> <b>getCMRv2Interval</b>	<b>Message</b> <b>Message</b>	<b>Interval</b>							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 ... 1.0 ... 600.0 s							
sc2m gc2m	<b>setCMRv2Message2</b> <b>getCMRv2Message2</b>	<b>ShortID (8)</b>	<b>LongID (50)</b>	<b>COGO (16)</b>						
		Unknown	Unknown	Unknown						
sc2o gc2o	<b>setCMRv2Output</b> <b>getCMRv2Output</b>	<b>Cd</b> <b>Cd</b>	<b>Messages</b>							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + BT01 + IPR1 + IPR2 + IPR3 + OTG1 + OTG2 all	none + CMR0 + CMR1 + CMR2 + CMR3 all							
sc2u gc2u	<b>setCMRv2Usage</b> <b>getCMRv2Usage</b>	<b>MsgUsage</b>								
		none + CMR0 + CMR1 + CMR2 + CMR3 + CMR0p + CMR0w all								
scm gcm	<b>setCN0Mask</b> <b>getCN0Mask</b>	<b>Signal</b> <b>Signal</b>	<b>Mask</b>							

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 + 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 gdt	<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>							
		CollectDB1 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>							
		CollectDB1 CollectDB2 CollectDB3								
help	<b>IstCommandHelp</b>	<b>Action (255)</b>								
		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>			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u> baud230400	<u>bits8</u>	No	<u>bit1</u>	none RTS CTS			
lcf	lstConfigFile	<b>File</b>								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	<b>Source</b>	<b>Target</b>							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scoc gcoc	setCosmosConfig getCosmosConfig	<b>Enable</b>	<b>CustomerID (24)</b>							
		<u>off</u> on								
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	<b>Mode</b>								
		<u>off</u> on								
lcu	lstCurrentUser									
sdcm gdc	setDaisyChainMode getDaisyChainMode	<b>DC</b>	<b>Mode</b>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII							
sdio gdio	setDataInOut getDataInOut	<b>Cd</b>	<b>Input</b>	<b>Output</b>	<b>Show</b>					
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + BT01 + IPR1 + IPR2 + IPR3 + LOG1 + LOG2 + OTG1 + OTG2 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + <u>SBE</u> + <u>NMEA</u> + ASCIIDisplay + DC1 + DC2 + Encapsulate + LBandBeam1 + LBandBeam2	( <u>off</u> ) (on) (waiting)					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sdal gdal	<b>setDefaultAccessLevel</b> <b>getDefaultAccessLevel</b>	<i>Web</i>	<i>FileTransfer</i>	<i>Ip</i>	<i>Com</i>	<i>Usb</i>	<i>Bt</i>	<i>Otg</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>	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>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>	<b>Disk</b> <i>Disk</i>	<i>Action</i>							
		+ DSK1 + DSK2 all	DeleteOldest <u>StopLogging</u>							
ldi	<b>lstDiskInfo</b>	<b>Disk</b>	<b>Directory (60)</b>							
		DSK1 DSK2 all								
sdds gdss	<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 WiFi				
eeem geem	<b>exeEchoMessage</b> <b>getEchoMessage</b>	<b>Cd</b>	<b>Message (242)</b>	<b>EndOfLine</b>						
		COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 BT01 IPR1 IPR2 IPR3 OTG1 OTG2 DC1 DC2	A:Unknown	none + 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

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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	Low2High High2Low	-500.000000 ... 0.000000 ... 500.000000 ms						
sfm gfm	<b>setFileNaming</b> <b>getFileNaming</b>	<b>Cd</b> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>	<i>Compression</i>					
		+ LOG1 + LOG2 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log on	off on					
efpt gfpt	<b>exeFTPPushTest</b> <b>getFTPPushTest</b>	<b>Server (40)</b>	<b>Path (64)</b>	<b>User (20)</b>	<b>Password (40)</b>	<b>FTPPort</b>				
				anonymous		1 ... 21 ... 65535				
efup gfup	<b>exeFTPUpgrade</b> <b>getFTPUpgrade</b>	<b>Server (32)</b>	<b>Path (64)</b>	<b>Login (12)</b>	<b>Password (24)</b>					
				anonymous						
sgd ggd	<b>setGeodeticDatum</b> <b>getGeodeticDatum</b>	<i>TargetDatum</i>								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 Default User1 User2								
sgu ggu	<b>setGeoidUndulation</b> <b>getGeoidUndulation</b>	<i>Mode</i>	<i>Undulation</i>							
		auto manual	-250.000 ... 0.000 ... 250.000 m							
sfno gfno	<b>setGlobalFileNamingOptions</b> <b>getGlobalFileNamingOptions</b>	<i>BusyTag</i>	<i>SessionTag</i>							
		off on	off on							
sga gga	<b>setGNSSAttitude</b> <b>getGNSSAttitude</b>	<i>Source</i>								
		none MovingBase								
shm ghm	<b>setHealthMask</b> <b>getHealthMask</b>	<b>Engine</b> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	off on							
shs ghs	<b>setHttpsSettings</b> <b>getHttpsSettings</b>	<i>Protocol</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ HTTP + HTTPS all								
lif	lstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError SetupError IPParameters RxMessages								
sim gim	setlonosphereModel getlonosphereModel	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 all	0 ... 65535	TCP2Way UDP	0.0.0.0					
sisss 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	
slbb glbb	setLBandBeams getLBandBeams	Beam Beam	Frequency	Rate	Name (8)	Region (8)	Usage			
		+ User1 + User2 all	1525000000 ... 1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
slcs glcs	setLBandCustomServiceID getLBandCustomServiceID	ServiceID (4)	ScramblingVecto	NDAUsage						
		0000	0000	off on						
slsm glsm	setLBandSelectMode getLBandSelectMode	Mode	Service	Beam1	Beam2					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		auto <u>off</u> manual	<u>Inmarsat</u>	<u>User1</u> User2	User1 <u>User2</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)</i>							
logout	<b>LogOut</b>									
sls gls	<b>setLogSession</b> <b>getLogSession</b>	<b><i>Cd</i></b> <i>Cd</i>	<i>State</i>	<i>Disk</i>	<i>Name (30)</i>	<i>AutoDelete</i>	<i>Priority</i>			
		+ LOG1 + LOG2 all	Unused Disabled Enabled	DSK1 DSK2		<u>Never</u> After1Day After2Days After3Days After4Days After7Days After14Days After21Days After30Days After60Days After90Days After180Days After1Year After2Years	Low <u>Medium</u> High			
smv gmv	<b>setMagneticVariance</b> <b>getMagneticVariance</b>	<i>Mode</i>	<i>Variance</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>							
		DSK1 DSK2	<u>Unmount</u> Mount Format							
emwa gmwa	<b>exeManageWiFiAccessPoint</b> <b>getManageWiFiAccessPoint</b>	<b><i>SSID (32)</i></b>	<b><i>Action</i></b>							
			<u>Promote</u> Remove							
smp gmp	<b>setMarkerParameters</b> <b>getMarkerParameters</b>	<i>MarkerName (60)</i>	<i>MarkerNumber (</i>	<i>MarkerType (20)</i>	<i>StationCode (10)</i>	<i>MonumentIdx</i>	<i>ReceiverIdx</i>	<i>CountryCode (3)</i>		
		<u>SEPT</u>	<u>Unknown</u>	<u>Unknown</u>		<u>0 ... 9</u>	<u>0 ... 9</u>			
smrf gmrf	<b>setMeas3MaxRefInterval</b> <b>getMeas3MaxRefInterval</b>	<i>MaxIntrvl</i>								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	<b>lstMIBDescription</b>	<b><i>File (255)</i></b>								
		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								
snfp gnfp	<b>setNMEAFTP</b> <b>getNMEAFTP</b>	<b>Cd</b> <i>Cd</i>	<i>Enable</i>	<i>Server (40)</i>	<i>Path (64)</i>	<i>User (20)</i>	<i>Password (40)</i>	<i>FTPPort</i>	<i>RetryIntrvl</i>	
		+ LOG1 + LOG2 all	off <u>on</u>			<u>anonymous</u>		1 ... 21 ... 65535	off min15 min30 hour1 hour6 day1	
snlp gnlp	<b>setNMEALogging</b> <b>getNMEALogging</b>	<b>Cd</b> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>	<i>Compression</i>					
		+ LOG1 + LOG2 all	<i>FileName</i> Incremental IGS15M IGS1H IGS6H IGS24H	<u>log</u>	off <u>on</u>					
enoc gnoc	<b>exeNMEAOnce</b> <b>getNMEAOnce</b>	<b>Cd</b>	<b>Messages</b>							
		COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 BT01 IPR1 IPR2 IPR3 LOG1 LOG2 OTG1 OTG2	+ ALM + DTM + GBS + GGA + GLL + <u>GNS</u> + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GKG + GFA + GGQ + LLK + GMP + TFM + SNC + THS							
sno gno	<b>setNMEAOutput</b> <b>getNMEAOutput</b>	<b>Stream</b> <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> COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 BT01 IPR1 IPR2 IPR3 LOG1 LOG2 OTG1 OTG2	<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 gn ti	<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	30 ... 1600 kHz					
sntp gn tp	<b>setNTPServer</b> <b>getNTPServer</b>	<i>Enable</i>								
		<u>off</u> on								
snmp gn mp	<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>		
		+ MP1 + MP2 + MP3 all	<u>off</u> on		<u>No</u> Yes			none <u>basic</u>		
sm pf gm pf	<b>setNtripCasterMPFormat</b> <b>getNtripCasterMPFormat</b>	<b>MountPointID</b> <i>MountPointID</i>	<i>Format</i>	<i>ManualFt (30)</i>	<i>FtDetails (100)</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	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
snsc gnsc	<b>setNtripCasterSettings</b> <b>getNtripCasterSettings</b>	<i>Mode</i>	<i>Port</i>	<i>Identifier (100)</i>	<i>TlsPort</i>					
		off on	0 ... 2101 ... 65535	<u>default</u>	0 ... 2102 ... 65535					
sncu gncu	<b>setNtripCasterUsers</b> <b>getNtripCasterUsers</b>	<i>UserID</i> <i>UserID</i>	<i>UserName (20)</i>	<i>Password (40)</i>	<i>MountPoints</i>	<i>MaxClients</i>				
		+ User1 + User2 + User3 + User4 + User5 all			none + MP1 + MP2 + MP3 all	1 ... 10				
snts gnsc	<b>setNtripSettings</b> <b>getNtripSettings</b>	<i>Cd</i> <i>Cd</i>	<i>Mode</i>	<i>Caster (40)</i>	<i>Port</i>	<i>UserName (20)</i>	<i>Password (40)</i>	<i>MountPoint (32)</i>	<i>Version</i>	<i>SendGGA</i>
		+ NTR1 + NTR2 + NTR3 + NTR4 all	off Server Client		0 ... 2101 ... 65535				v1 <u>v2</u>	auto off sec1 sec5 sec10 sec60
Inst	<b>lstNTRIPSourceTable</b>	<i>Caster (40)</i>	<i>Port</i>							
			0 ... 2101 ... 65535							
sntt gnnt	<b>setNtripTlsSettings</b> <b>getNtripTlsSettings</b>	<i>Cd</i> <i>Cd</i>	<i>Enable</i>	<i>Fingerprint (96)</i>						
		+ NTR1 + NTR2 + NTR3 + NTR4 all	off on							
soc goc	<b>setObserverComment</b> <b>getObserverComment</b>	<i>Comment (120)</i>								
		<u>Unknown</u>								
sop gop	<b>setObserverParameters</b> <b>getObserverParameters</b>	<i>Observer (20)</i>	<i>Agency (40)</i>							
		<u>Unknown</u>	<u>Unknown</u>							
spe gpe	<b>setPeriodicEcho</b> <b>getPeriodicEcho</b>	<i>Cd</i> <i>Cd</i>	<i>Message (201)</i>	<i>Interval</i>						
		+ COM1 + COM2 + COM3 all	A:Unknown	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
spfw gpfw	<b>setPortFirewall</b> <b>getPortFirewall</b>	<b>Interface</b> <i>Interface</i>	<i>OpenPorts</i>	<i>PortList (100)</i>						
		+ Ethernet + WiFi all	none <u>default</u> all PortList							
epwm gpwm	<b>exePowerMode</b> <b>getPowerMode</b>	<b>Mode</b>								
		<u>ScheduledSleep</u> StandBy								
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 <u>sec1</u> sec2 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 ...0.00 ...1000000.00 ns	TimeSys UTC RxClock GLONASS	0 ... <u>60</u> ... 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>						
		Static <u>Rover</u>	+ <u>StandAlone</u> + SBAS + DGPS + RTKFloat + RTKFixed + 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								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
lrf	<b>IstRecordedFile</b>	<b>Disk</b>	<b>FileName (60)</b>							
		DSK1 DSK2								
era gra	<b>exeRegisteredApplications</b> <b>getRegisteredApplications</b>	<b>Cd</b> <i>Cd</i>	<b>Application (12)</b>							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + BT01 + OTG1 + OTG2 all	<u>Unknown</u>							
erf grf	<b>exeRemoveFile</b> <b>getRemoveFile</b>	<b>Disk</b>	<b>FileName (200)</b>							
		DSK1 DSK2	<u>none</u> all							
ernf grnf	<b>exeResetNavFilter</b> <b>getResetNavFilter</b>	<b>Level</b>								
		+ PVT + <u>AmbRTK</u> all								
erst grst	<b>exeResetReceiver</b> <b>getResetReceiver</b>	<b>Level</b>	<b>EraseMemory</b>							
		Soft <u>Hard</u> Upgrade	<u>none</u> + Config + PVTData + SatData + Bluetooth + WiFiAccessPoints + HTTPSCertificate all							
srfp grfp	<b>setRINEXFTP</b> <b>getRINEXFTP</b>	<b>Cd</b> <i>Cd</i>	<i>Enable</i>	<i>Server (40)</i>	<i>Path (64)</i>	<i>User (20)</i>	<i>Password (40)</i>	<i>FTPPort</i>	<i>RetryIntrvl</i>	
		+ LOG1 + LOG2 all	<u>off</u> on			<u>anonymous</u>		1 ... 21 ... 65535	<u>off</u> min15 min30 hour1 hour6 day1	
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>	<i>FileTypes</i>	<i>Archiving</i>

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ LOG1 + LOG2 all	<u>none</u> hour1 hour6 hour24 minute15	<u>sec1</u> 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>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	<u>v2x</u> v3x	off <u>on</u>	+ <u>Obs</u> + <u>Nav</u> + <u>Met</u> all	<u>none</u> + Compress + Hatanaka
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>						
sr2f gr2f	<b>setRTCMv2Formatting</b> <b>getRTCMv2Formatting</b>	<i>ReferenceID</i>	<i>GLOToD</i>							
		<u>0</u> ... 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>							
		+ RTCM18   19 + RTCM20   21 all	1 ... 600 s							
sr2m gr2m	<b>setRTCMv2Message16</b> <b>getRTCMv2Message16</b>	<i>Message (90)</i>								
		<u>Unknown</u>								
sr2o gr2o	<b>setRTCMv2Output</b> <b>getRTCMv2Output</b>	<b>Cd</b> <i>Cd</i>	<b>Messages</b>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + BT01 + IPR1 + IPR2 + IPR3 + OTG1 + OTG2 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>GL0L2</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
		0 ... 4095	+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +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 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + BT01 + IPR1 + IPR2 + IPR3 + OTG1 + OTG2 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 + RTCM1121 ... RTCM1127 + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all								
sst gst	<b>setSatelliteTracking</b> <b>getSatelliteTracking</b>	<i>Satellite</i>								
		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	<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 + GPS + GLONASS + GALILEO + SBAS + BEIDOU 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					
ssfp gsfp	<b>setSBFFTP</b> <b>getSBFFTP</b>	<b>Cd</b> <i>Cd</i>	<i>Enable</i>	<i>Server (40)</i>	<i>Path (64)</i>	<i>User (20)</i>	<i>Password (40)</i>	<i>FTPPort</i>	<i>RetryIntrvl</i>	
		+ LOG1 + LOG2 all	<u>off</u> on			<u>anonymous</u>		1 ... <u>21</u> ...65535	<u>off</u> min15 min30 hour1 hour6 day1	
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 + PVTExtra + 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
		COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 BT01 IPR1 IPR2 IPR3 LOG1 LOG2 OTG1 OTG2	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
ssd gso	setSBFOutput getSBFOutput	Stream Stream	Cd	Messages	Interval					
		+ Stream1 ... Stream10 + Res1 + Res2 + Res3 + Res4 all	none COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 BT01 IPR1 IPR2 IPR3 LOG1 LOG2 OTG1 OTG2	none [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	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 +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +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 +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB1C +BDSB2a all	+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 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 + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB1C + BDSB2a + QZSL1CA + QZSL2C + QZSL5 + NAVICL5 all	<u>0</u> ... 1000 s	<u>0</u> ... 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				
sts gts	<b>setTimingSystem</b> <b>getTimingSystem</b>	<i>System</i>								
		GST GPS BeiDou								
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 + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + 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								
sump gump	setUMSDPort getUMSDPort	Port								
		USB OTG								
eup gup	exeUpdatePoint getUpdatePoint	CollectID	Comment (250)							
		0 ... 439804651110								
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 ... 305.000000000						
swui gwui	<b>setWakeUpInterval</b> <b>getWakeUpInterval</b>	<i>WakeUpTime (30</i>	<i>AwakeDuration</i>	<i>RepetitionPeriod</i>						
		2000-01-01 00:00:00	0 ... 604800 s	0 ... 604800 s						
swbi gwbi	<b>setWBIMitigation</b> <b>getWBIMitigation</b>	<i>Mode</i>								
		off on								
swfa gwfa	<b>setWiFiAccessPoint</b> <b>getWiFiAccessPoint</b>	<i>SSID (32)</i>	<i>EncryptionType</i>	<i>Key (40)</i>	<i>Channel</i>	<i>SSIDActual (32)</i>				
		default	none WPA2	password	1 ... 6 ... 11	model-sn				
lwa	<b>lstWiFiAccessPoints</b>	<i>Type</i>								
		+ Known + Reachable all								
swfm gwfm	<b>setWiFiMode</b> <b>getWiFiMode</b>	<i>Enable</i>	<i>Mode</i>							
		off on	AccessPoint Client							
ewcf gwcf	<b>exeWriteCollectCsvFile</b> <b>getWriteCollectCsvFile</b>	<i>CollectDB</i>	<i>Disk</i>	<i>FileName (8)</i>	<i>Separator</i>					
		CollectDB1 CollectDB2 CollectDB3	DSK1 DSK2	collect	Comma Tab Colon SemiColon Space Vertical_Bar					



## SBF List

ASCIIn	AttCovEuler	AttEuler
BBSamples	BDSAlm	BDSIon
BDSNav	BDSRaw	BDSRawB1C
BDSRawB2a	BDSUtc	BaseStation
BaseVectorCart	BaseVectorGeod	BluetoothStatus
ChannelStatus	Commands	Comment
CosmosStatus	DOP	DiffCorrIn
DiskStatus	DynDNSStatus	EndOfAtt
EndOfMeas	EndOfPVT	ExtEvent
ExtEventAttEuler	ExtEventBaseVectGeod	ExtEventPVTCartesian
ExtEventPVTGeodetic	GALAlm	GALGstGps
GALIon	GALNav	GALRawFNAV
GALRawINAV	GALSARRLM	GALUtc
GEOAlm	GEOClockEphCovMatrix	GEODegrFactors
GEOFastCorr	GEOFastCorrDegr	GEOIGPMask
GEOIntegrity	GEOIonoDelay	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	LogStatus	Meas3CN0HiRes
Meas3Doppler	Meas3MP	Meas3PP
Meas3Ranges	MeasEpoch	MeasExtra
NAVICRaw	NTRIPClientStatus	NTRIPServerStatus
OutputLink	PVTCartesian	PVTGeodetic
PVTSupport	PVTSupportA	PosCart
PosCovCartesian	PosCovGeodetic	PosLocal
PosProjected	PowerStatus	QZSAlm
QZSNav	QZSRawL1CA	QZSRawL2C
QZSRawL5	QualityInd	RFStatus
RTCMDatum	ReceiverSetup	ReceiverStatus
ReceiverTime	RxMessage	SatVisibility
VelCovCartesian	VelCovGeodetic	WiFiAPStatus
WiFiClientStatus	xPPSOffset	