

# 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 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m				
sao gao	setAntennaOffset getAntennaOffset	<b>Antenna</b> Antenna	DeltaE	DeltaN	DeltaU	Type (20)	SerialNr (20)	SetupID		
		+ 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		
lad	IstAsciiDisplay									
sto gto	setAttitudeOffset getAttitudeOffset	Heading	Pitch							
		-360.000 ... 0.000 ... 360.000 deg	-90.000 ... 0.000 ... 90.000 deg							
sbbs gbbs	setBBSamplingMode getBBSamplingMode	Mode								
		BeforeIM AfterIM								
scco gcco	setCalibCommonDelay getCalibCommonDelay	CommonDelay								
		-10000.000 ... 0.000 ... 10000.000 ns								
scsi gcsi	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 +GALE1BC +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 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	<u>auto</u> G01 ... G36 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J10 I01 ... I14	<u>auto</u> manual	-50000 ... 0 ... 50000 Hz	1 ... 16000 ... 100000 Hz				
scia gcia	<b>setCheckInternetAvailability</b> <b>getCheckInternetAvailability</b>	<i>Mode</i>								
		<u>off</u> on								
scst gcst	<b>setClockSyncThreshold</b> <b>getClockSyncThreshold</b>	<i>Threshold</i>	<i>StartupSync</i>							
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5	<u>off</u> 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>						

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 + GALE1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB11 + BDSB21 + BDSB31 + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL1CB + NAVICL5 all	0 ... 10 ... 60 dB-Hz							
help	IstCommandHelp	<b>Action (255)</b>								
		Overview [command]								
scs gcs	setCOMSettings getCOMSettings	<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 baud115200 baud230400 baud460800 baud500000 baud576000 baud921600 baud1000000 baud1152000 baud1500000 baud2000000 baud2500000 baud3000000 baud3500000 baud4000000	<u>bits8</u>	No	<u>bit1</u>	none RTS   CTS			
lcf	IstConfigFile	<b>File</b>								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	<b>Source</b>	<b>Target</b>							

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							
scca gcda	<b>setCrossDomainWebAccess</b> <b>getCrossDomainWebAccess</b>	<i>Mode</i>								
		<u>off</u> on								
lcu	<b>IstCurrentUser</b>									
sdcm gdcn	<b>setDaisyChainMode</b> <b>getDaisyChainMode</b>	<b>DC</b> <i>DC</i>	<i>Mode</i>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII RTCMv3							
sdio gdio	<b>setDataInOut</b> <b>getDataInOut</b>	<b>Cd</b> <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>				
		<u>none</u>	<u>none</u> Viewer User	<u>none</u>	none Viewer <u>User</u>	none Viewer <u>User</u>				
sdca gdca	<b>setDiffCorrMaxAge</b> <b>getDiffCorrMaxAge</b>	<i>DGNSSCorr</i>	<i>RTKCorr</i>	<i>PPPCorr</i>	<i>Iono</i>					
		0.0 ... <u>400.0</u> ...3600.0 s	0.0 ... <u>20.0</u> ...3600.0 s	0.0 ... <u>1200.0</u> ...3600.0 s	0.0 ... <u>600.0</u> ...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 ... <u>3600.0</u> s	<u>auto</u> manual	0 ...4095	<u>off</u> on	<u>1</u> ...10	0 ... <u>2500000</u> 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>							

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						
facr	<b>factoryReset</b>									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sfm gfm	<b>setFileNaming</b> <b>getFileNaming</b>	<b>Cd</b> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>						
		+ DSK1 all	<u>FileName</u> Incremental IGS15M IGS1H IGS6H IGS24H	<u>log</u>						
sfpr gfpr	<b>setFTPPushRINEX</b> <b>getFTPPushRINEX</b>	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24/2)</i>					
				<u>anonymous</u>						
sfps gfps	<b>setFTPPushSBF</b> <b>getFTPPushSBF</b>	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24/2)</i>					
				<u>anonymous</u>						
efpt gfpt	<b>exeFTPPushTest</b> <b>getFTPPushTest</b>	<b>Server (45)</b>	<b>Path (64)</b>	<b>User (20)</b>	<b>Password (40/2)</b>					
				<u>anonymous</u>						
efup gfup	<b>exeFTPUpgrade</b> <b>getFTPUpgrade</b>	<b>Server (64)</b>	<b>Path (64)</b>	<b>Login (12)</b>	<b>Password (24/2)</b>					
				<u>anonymous</u>						
lopk	<b>lstGalOSNMAPublicKeys</b>									
sopk gopk	<b>setGalOSNMAPublicKeys</b> <b>getGalOSNMAPublicKeys</b>	<b>ID</b> <i>ID</i>	<b>Key (213)</b>							
		+ Key0 ... Key15 all								
sou gou	<b>setGalOSNMAUsage</b> <b>getGalOSNMAUsage</b>	<i>PVTLevel</i>	<i>MTRoot (65)</i>	<i>MeasLevel</i>						
		off loose strict		off loose						
sgd gdd	<b>setGeodeticDatum</b> <b>getGeodeticDatum</b>	<i>TargetDatum</i>								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 <u>Default</u> User1 User2								
sgu ggu	<b>setGeoidUndulation</b> <b>getGeoidUndulation</b>	<i>Mode</i>	<i>Undulation</i>							
		<u>auto</u> manual	-250.000 ...0.000 ...250.000 m							
sfno gfno	<b>setGlobalFileNamingOptions</b> <b>getGlobalFileNamingOptions</b>	<i>BusyTag</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		off <u>on</u>								
sga gga	setGNSSAttitude getGNSSAttitude	Source								
		none MovingBase								
sgpf gpgf	setGPIOFunctionality getGPIOFunctionality	<u>GPPin</u> GPPin	Mode	Input	Output					
		+ GP1 + GP2 all	<u>Output</u>	none	<u>LevelLow</u> LevelHigh					
shm ghm	setHealthMask getHealthMask	<u>Engine</u> Engine	Mask							
		+ Tracking + PVT all	off <u>on</u>							
shs ghs	setHttpsSettings getHttpsSettings	Protocol								
		none + <u>HTTP</u> + <u>HTTPS</u> all								
lif	lstInternalFile	<u>File</u>								
		Permissions Identification Debug Error SisError DiffCorrError SetupError IPPParameters RxMessages License								
sim gim	setlonosphereModel getlonosphereModel	Model								
		<u>auto</u> off KlobucharGPS SBAS MultiFreq KlobucharBDS								
sipf gipf	setIPFiltering getIPFiltering	Mode	AddrList (252)							
		off <u>on</u>								
sipk gipk	setIPKeepAlive getIPKeepAlive	Enable	IdleTime	Interval	MaxCount					
		off <u>on</u>	<u>15</u> ... 18000 s	<u>1</u> ... 3600 s	<u>1</u> ... <u>15</u> ... 3600					
sipp gipp	setIPPortSettings getIPPortSettings	PlaintextCommmand	FTPControl	SecureCommand	SSHControl					
		<u>1</u> ... <u>28784</u> ... 65535	<u>1</u> ... <u>21</u> ... 65535	<u>1</u> ... <u>28783</u> ... 65535	<u>1</u> ... <u>22</u> ... 65535					
sirs girs	setIPReceiveSettings getIPReceiveSettings	<u>Cd</u> Cd	Port	Mode	TCPAddress (45)					



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	0 ... 65535	TCP2Way UDP	0.0.0.0					
sis giss	setIPServerSettings getIPServerSettings	Cd Cd	Port	Mode	UDPAddress (255.255.255.255)					
		+ IPS1 + IPS2 + IPS3 + IPS4 + IPS5 all	0 ... 65535	TCP UDP TCP2Way	255.255.255.255					
sis gis	setIPServices getIPServices	Command	FileTransfer							
		none + secure + plaintext all	none + FTP + SFTP + rsync + SCP all							
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	
lbb	lbb									
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			
sics glcs	setLBandCustomServiceID getLBandCustomServiceID	ServiceID (4)	ScramblingVector	NDAUsage						
		0000	0000	off on						
sind glnd	setLBandNTRIPDelivery getLBandNTRIPDelivery	Cd								
		none NTR1 NTR2 NTR3 NTR4								
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
		<a href="#">auto</a> off manual	Inmarsat <a href="#">LBAS2</a>	<a href="#">User1</a> 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 <a href="#">User2</a> 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>	<a href="#">GPLED</a>	<a href="#">GPLED2</a>							
		DIFFCORLED <a href="#">PVTLED</a> TRACKLED LOGLED RTKLED	DIFFCORLED PVTLED TRACKLED LOGLED <a href="#">RTKLED</a>							
slco glco	<b>setLocalCoordOperation</b> <b>getLocalCoordOperation</b>	<a href="#">OpName (100)</a>	<a href="#">ENHTransfo</a>							
		<a href="#">NETWORK</a>	<a href="#">none</a> It1							
llc	<b>IstLocalCoordOperations</b>	<b><a href="#">Operation</a></b>								
		Overview								
login	<b>LogIn</b>	<a href="#">UserName (16)</a>	<a href="#">Password (32/2)</a>	<a href="#">FactoryUserNam</a>	<a href="#">FactoryPasswor</a>					
				<a href="#">RxAdmin</a>	<a href="#">S3pt3ntr10</a>					
logout	<b>LogOut</b>									
smv gmv	<b>setMagneticVariance</b> <b>getMagneticVariance</b>	<a href="#">Mode</a>	<a href="#">Variation</a>							
		<a href="#">auto</a> manual	-180.0 ... <a href="#">0.0</a> ...180.0 deg							
emd gmd	<b>exeManageDisk</b> <b>getManageDisk</b>	<a href="#">Disk</a>	<a href="#">Action</a>							

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							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
smf 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 <u>sec60</u>								
lmd	<b>lstMIBDescription</b>	<i>File (255)</i>								
		Overview SBFTable [command]								
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>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		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	setNMEAOutput	<i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					
gno	getNMEAOutput	<i>Stream</i>								
		+ 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	setNMEAPrecision	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
gnp	getNMEAPrecision									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		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><i>Notch</i></b> <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>					
		+ Notch1 + Notch2 + Notch3 all	auto off manual	<u>1100.000</u> ...1700.000 MHz	30 ...1600 kHz					
snc gnc	<b>setNtpClient</b> <b>getNtpClient</b>	<i>Mode</i>	<i>Server (45)</i>							
		<u>off</u> on	<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>		
		+ MP1 + MP2 + MP3 all	<u>off</u> on		<u>No</u> Yes			none <u>basic</u>		
smfp gmfp	<b>setNtripCasterMPFormat</b> <b>getNtripCasterMPFormat</b>	<b><i>MountPointID</i></b> <i>MountPointID</i>	<i>Format</i>	<i>ManualFt (30)</i>	<i>FtDetails (100)</i>					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
sncs gncs	<b>setNtripCasterSettings</b> <b>getNtripCasterSettings</b>	<i>Mode</i>	<i>Port</i>	<i>Identifier (100)</i>	<i>TlsPort</i>					
		<u>off</u> on	0 ... <u>2101</u> ...65535	<u>default</u>	0 ... <u>2102</u> ...65535					
sncu gncu	<b>setNtripCasterUsers</b> <b>getNtripCasterUsers</b>	<b><i>UserID</i></b> <i>UserID</i>	<i>UserName (20)</i>	<i>Password (40/2)</i>	<i>MountPoints</i>	<i>MaxClients</i>				
		+ User1 + User2 + User3 + User4 + User5 all			none + MP1 + MP2 + MP3 all	1 ... <u>10</u>				
sntg gnlg	<b>setNtripGeneralSettings</b> <b>getNtripGeneralSettings</b>	<i>UserAgent (64)</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>default</u>								
snts gnts	<b>setNtripSettings</b> <b>getNtripSettings</b>	<b>Cd</b> <i>Cd</i>	<i>Mode</i>	<i>Caster (40)</i>	<i>Port</i>	<i>UserName (20)</i>	<i>Password (64/2)</i>	<i>MountPoint (32)</i>	<i>Version</i>	<i>SendGGA</i>
		+ 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>	<i>Port</i>							
			0 ...2101 ...65535							
sntt gnnt	<b>setNtripTlsSettings</b> <b>getNtripTlsSettings</b>	<b>Cd</b> <i>Cd</i>	<i>Enable</i>	<i>Fingerprint (96)</i>						
		+ NTR1 + NTR2 + NTR3 + NTR4 all	<u>off</u> 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>	<b>Cd</b> <i>Cd</i>	<i>Message (201)</i>	<i>Interval</i>						
		+ COM1 + COM2 + COM3 + COM4 all	A:Unknown	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
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>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<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>						
		Static <u>Rover</u>	+ <u>StandAlone</u> + <u>SBAS</u> + <u>DGNSS</u> + <u>RTKFloat</u> + <u>RTKFixed</u> + <u>PPP</u> + <u>RTK</u> 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 ... -4 ... -1	-12 ... -4 ... -1	-12 ... -3 ... -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>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	lstRecordedFile	Disk	FileName (60)							
		DSK1								
era gra	exeRegisteredApplications getRegisteredApplications	Cd Cd	Application (12)							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 all	Unknown							
erf grf	exeRemoveFile getRemoveFile	Disk	FileName (200)							
		DSK1	none all							
ernf grnf	exeResetNavFilter getResetNavFilter	Level								
		+ PVT + AmbRTK all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft Hard Upgrade	none + Config + PVTDData + SatData + TLSCertificate + SISAuthData all							
srxl grxl	setRINEXLogging getRINEXLogging	Cd Cd	FileDuration	ObsInterval	SignalTypes	ExtraObsTypes	RINEXVersion	MixedNav		



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ <u>DSK1</u> all	<u>none</u> hour1 hour6 hour24 minute15	<u>sec1</u> sec2 sec5 sec10 sec15 sec30 sec60	none + <u>GPSL1CA</u> + <u>GPSL1PY</u> + <u>GPSL2PY</u> + <u>GPSL2C</u> + <u>GPSL5</u> + <u>GLOL1CA</u> + GLOL2P + <u>GLOL2CA</u> + GLOL3 + <u>GALE1BC</u> + <u>GALE6BC</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>BDSB2b</u> + <u>QZSL1CA</u> + <u>QZSL2C</u> + <u>QZSL5</u> + <u>QZSL1CB</u> + <u>NAVICL5</u> all	<u>none</u> + Dx + Sx + Channel all	v211  <u>v304ShortName</u>	off <u>on</u>		
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<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	setRTCMv2EphemerisHoldoff getRTCMv2EphemerisHoldoff	<i>TimeGPS</i>	<i>TimeGLO</i>							
		<u>0</u> ... 300 s	<u>0</u> ... 300 s							
sr2f gr2f	setRTCMv2Formatting getRTCMv2Formatting	<i>ReferenceID</i>	<i>GLOToD</i>							
		<u>0</u> ... 1023	<u>Tk</u> Tb							
sr2i gr2i	setRTCMv2Interval getRTCMv2Interval	<i>Message</i> <i>Message</i>	<i>ZCount</i>							
		+ RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM17 + RTCM22 + RTCM23 24 + RTCM31 + RTCM32 all	1 ... <u>2</u> ... 1000							
sr2b gr2b	setRTCMv2IntervalObs getRTCMv2IntervalObs	<i>Message</i> <i>Message</i>	<i>Interval</i>							
		+ RTCM18 19 + RTCM20 21 all	<u>1</u> ... 600 s							
sr2m gr2m	setRTCMv2Message16 getRTCMv2Message16	<i>Message (90)</i>								
		<u>Unknown</u>								
sr2o gr2o	setRTCMv2Output getRTCMv2Output	<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 + <u>RTCM1</u> + <u>RTCM3</u> + RTCM9 + RTCM16 + <u>RTCM18 19</u> + <u>RTCM20 21</u> + <u>RTCM22</u> + <u>RTCM23 24</u> + <u>RTCM31</u> + RTCM32 + RTCM17 + DGPS + RTK all							
sr2u gr2u	<b>setRTCMv2Usage</b> <b>getRTCMv2Usage</b>	<i>MsgUsage</i>								
		none + <u>RTCM1</u> + <u>RTCM3</u> + <u>RTCM9</u> + RTCM15 + <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>							
		<u>auto</u> manual								
sr3d gr3d	<b>setRTCMv3Delay</b> <b>getRTCMv3Delay</b>	<i>Delay</i>								
		<u>0.0 ... 600.0 s</u>								
sr3f gr3f	<b>setRTCMv3Formatting</b> <b>getRTCMv3Formatting</b>	<i>ReferenceID</i>	<i>MSMSignals</i>	<i>GLL2</i>	<i>RxType (32)</i>	<i>MaxMSMSats</i>				

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 +GALE1BC +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 +RTCM1041 +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> + RTCM1041 + 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 + RTCM1041 + 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								
ssh gsho	<b>setSatelliteHealthOverride</b> <b>getSatelliteHealthOverride</b>	Measurements	PVT							
		none + G01 ... G36 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J10 + I01 ... I14 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all	none + G01 ... G36 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J10 + I01 ... I14 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all							
sst gst	<b>setSatelliteTracking</b> <b>getSatelliteTracking</b>	Satellite								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + G01 ... G36 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J10 + I01 ... I14 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all								
ssu gsu	<b>setSatelliteUsage</b> <b>getSatelliteUsage</b>	Satellite								
		none + G01 ... G32 + R01 ... R24 + R25 + R26 + R27 + R28 + R29 + R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + J01 ... J10 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssbc gsbc	<b>setSBASCORRECTIONS</b> <b>getSBASCORRECTIONS</b>	Satellite	SISMode	NavMode	DO229Version					
		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> Group	Messages							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ Group1 + Group2 + Group3 + Group4 all	<u>none</u> [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + NavIC + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Events + DiffCorr + Status + LBand + PostProcess + Rinex + RinexMeas3 + Support							
esoc gsoc	exeSBFOnce getSBFOnce	<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	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + NavIC + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
sso gso	setSBFOutput getSBFOutput	<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 + Res1 + Res2 + Res3 + Res4 all	...  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> DSK1 + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + NavIC + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Event + DiffCorr + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support	<u>none</u> [SBF List] + msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
estm	<b>exeSetTime</b>	<i>Format</i>	<i>TimeSpec (40)</i>							
gstm	<b>getSetTime</b>									
		<u>DateTime</u>								
snho	<b>setSignalHealthOverride</b>	<i>Measurements</i>	<i>PVT</i>							
gnho	<b>getSignalHealthOverride</b>									



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none +GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALE1BC +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	none +GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALE1BC +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							
snt	setSignalTracking	Signal								
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 +GALE1BC +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 +GALE1BC +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 +GALE1BC +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 +GALE1BC +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								
ltc	<b>lstTlSCertificates</b>	<b>Certificate</b>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		[certificate ID]								
stlp gtp	<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>			
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALE1BC + 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	<b>setTroposphereModel</b> <b>getTroposphereModel</b>	<i>ZenithModel</i>	<i>MappingModel</i>							
		off Saastamoinen MOPS	Niell MOPS							
stp glp	<b>setTroposphereParameters</b> <b>getTroposphereParameters</b>	<i>Temperature</i>	<i>Pressure</i>	<i>Humidity</i>						
		-100.0 ... 15.0 ... 100.0 degC	800.00 ... 1013.25 ... 1500.00 hPa	0 ... 50 ... 100 %						
suoc guoc	<b>setUMSDOnConnect</b> <b>getUMSDOnConnect</b>	<i>Mode</i>								
		off on								
suia guia	<b>setUSBInternetAccess</b> <b>getUSBInternetAccess</b>	<i>Enable</i>								
		off on								
sual gual	<b>setUserAccessLevel</b> <b>getUserAccessLevel</b>	<b>UserID</b> <i>UserID</i>	<i>UserName (16)</i>	<i>Password (32)</i>	<i>UserLevel</i>	<i>SSHKey (232)</i>				
		+ User1 User8 all			Viewer User					
sud gud	<b>setUserDatum</b> <b>getUserDatum</b>	<b>Datum</b> <i>Datum</i>	<i>Tx</i>	<i>Ty</i>	<i>Tz</i>	<i>Rx</i>	<i>Ry</i>	<i>Rz</i>	<i>D</i>	

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ 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						
		+ 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	BDSCNav1
BDSCNav2	BDSCNav3	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
FugroAuthStatus	FugroDDS	FugroStatus
FugroTimeOffset	GALAlm	GALAuthStatus
GALGstGps	GALLon	GALNav
GALRawCNAV	GALRawFNAV	GALRawINAV
GALSARRLM	GALUtc	GEOAlm
GEOClockEphCovMatrix	GEODegrFactors	GEOFastCorr
GEOFastCorrDegr	GEOIGPMask	GEOIntegrity
GEOlonoDelay	GEOLongTermCorr	GEOMT00
GEONav	GEONetworkTime	GEOPRNMask
GEORawL1	GEORawL5	GEOServiceLevel
GLOAlm	GLONav	GLORawCA
GLOTime	GPSAlm	GPSCNav
GPSIon	GPSNav	GPSRawCA
GPSRawL2C	GPSRawL5	GPSUtc
Group1	Group2	Group3
Group4	IPStatus	InputLink
LBandBeams	LBandRaw	LBandTrackerStatus
Meas3CN0HiRes	Meas3Doppler	Meas3MP
Meas3PP	Meas3Ranges	MeasEpoch
MeasExtra	NAVICRaw	NTRIPClientStatus
NTRIPServerStatus	NavICLNav	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	