

# 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>	<i>SSID (32)</i>	<i>Key (40)</i>							
sam gam	<b>setAGCMode</b> <b>getAGCMode</b>	<i>Band</i> <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+ L1 + L2 + L5 all	auto frozen manual	0 ... <u>35</u> ... 70 dB						
sao gao	<b>setAntennaOffset</b> <b>getAntennaOffset</b>	<i>Antenna</i> <i>Antenna</i>	<i>DeltaE</i>	<i>DeltaN</i>	<i>DeltaU</i>					
		+ Main all	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m	-1000.0000 ... <u>0.0000</u> ... 1000.0000 m					
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	<u>1234</u>	off on	model-serialnumb				
scdc gcdc	<b>setCellularDataCall</b> <b>getCellularDataCall</b>	<i>Enable</i>	<i>Role</i>	<i>CallNumber (20)</i>	<i>Speed</i>					
		off on	Calling Accepting		V.32_auto V.34_9600baud  V.34_14400baud V.110_auto  V.110_14400baud V.120_auto  V.120_14400baud					
scem gcem	<b>setCellularParameters</b> <b>getCellularParameters</b>	<i>Power</i>	<i>Connect</i>	<i>APN (32)</i>	<i>User (32)</i>	<i>Password (40)</i>	<i>Standard</i>			
		off on	off on				+ 2G + <u>3G</u> + <u>4G</u> all			
scep gccep	<b>setCellularPIN</b> <b>getCellularPIN</b>	<i>PIN (20)</i>								
eccp gccp	<b>exeChangeCellularPIN</b> <b>getChangeCellularPIN</b>	<i>OldPIN (20)</i>	<i>NewPIN (20)</i>							
eccd gccd	<b>exeClearCollectDatabase</b> <b>getClearCollectDatabase</b>	<i>CollectDB</i>								
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
sc2f gc2f	<b>setCMRv2Formatting</b> <b>getCMRv2Formatting</b>	<i>ReferenceID</i>								
		<u>0</u> ... 31								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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>						
		<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 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + BT01 + IPR1 + IPR2 + IPR3 + DCL1 all	none + <u>CMR0</u> + <u>CMR1</u> + <u>CMR2</u> + <u>CMR3</u> all							
scdad gcsdad	<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 gcsdt	<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	none + 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>lstCollectedItems</b>	<b>Item</b>	<i>Attributes (255)</i>							
		<u>CollectDB1</u> <u>CollectDB2</u> <u>CollectDB3</u> all [collectId]	"+"-separated list of attributes							
lcp	<b>lstCollectPlaceholders</b>									
ecp gcp	<b>exeCollectPoint</b> <b>getCollectPoint</b>	<b>CollectDB</b>	<b>Comment (250)</b>							
		<u>CollectDB1</u> <u>CollectDB2</u> <u>CollectDB3</u>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
help	IstCommandHelp	Action (255)								
		Overview								
scs	setCOMSettings	Cd	Rate							
gcs	getCOMSettings	Cd								
		+ COM1 all	baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u>							
lcf	IstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf	exeCopyConfigFile	Source	Target							
gcf	getCopyConfigFile									
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
lcu	IstCurrentUser									
sdcm	setDaisyChainMode	DC	Mode							
gdc	getDaisyChainMode	DC								
		+ DC1 + DC2 all	Raw ASCII							
sdio	setDataInOut	Cd	Input	Output	Show					
gdio	getDataInOut	Cd								
		+ DSK1 + COM1 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + BT01 + IPR1 + IPR2 + IPR3 + DCL1 all	SBF none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + <u>SBF</u> + <u>NMEA</u> + ASCIIIDisplay + DC1 + DC2	(off) (on) (waiting)					
sdal	setDefaultAccessLevel	Web	Dsk	Ip	Com	Usb	Bt	DataCall		
gdal	getDefaultAccessLevel									
		none Viewer <u>User</u>	none Viewer <u>User</u>	none Viewer <u>User</u>	none Viewer <u>User</u>	none Viewer <u>User</u>	none Viewer <u>User</u>	<u>none</u> Viewer User		
edp	exeDeletePoint	CollectID								
gdp	getDeletePoint									
		0 ...439804651110								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sdca gdca	<b>setDiffCorrMaxAge</b> <b>getDiffCorrMaxAge</b>	<i>DGPSCorr</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>360.0</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	<u>0</u> ... 4095	<u>off</u> on	2 ... <u>5</u> ... 10	0 ... <u>2500000</u> m		
sdfa gdfa	<b>setDiskFullAction</b> <b>getDiskFullAction</b>	<i>Disk</i> <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	<b>lstDiskInfo</b>	<i>Disk</i>	<i>Directory (60)</i>							
		DSK1 all								
sdds gdds	<b>setDynamicDNS</b> <b>getDynamicDNS</b>	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40)</i>	<i>Hostname (40)</i>	<i>Bind</i>				
		<u>off</u> dyndns.org no-ip.com				<u>auto</u> WiFi Cell				
sem gem	<b>setElevationMask</b> <b>getElevationMask</b>	<i>Engine</i> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	-90 ... <u>0</u> ... 90 deg							
sfm gfm	<b>setFileNaming</b> <b>getFileNaming</b>	<i>Cd</i> <i>Cd</i>	<i>NamingType</i>	<i>FileName (8)</i>						
		+ DSK1 all	FileName Incremental IGS15M <u>IGS1H</u> IGS6H IGS24H	<u>log</u>						
fwd	<b>forward</b>	<i>Destination</i>	<i>Command (255)</i>							
		Gnss_receiver Cell								
sgd ggd	<b>setGeodeticDatum</b> <b>getGeodeticDatum</b>	<i>TargetDatum</i>								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 <u>Default</u> User1 User2								
sgu ggu	<b>setGeoidUndulation</b> <b>getGeoidUndulation</b>	<i>Mode</i>	<i>Undulation</i>							
		<u>auto</u> manual	-250.0 ... <u>0.0</u> ... 250.0 m							
sfno gfno	<b>setGlobalFileNamingOptions</b> <b>getGlobalFileNamingOptions</b>	<i>BusyTag</i>								
		<u>off</u> on								
lif	<b>lstInternalFile</b>	<i>File</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Permissions Identification Debug Error IPParameters								
sipf gipf	<b>setIPFiltering</b> <b>getIPFiltering</b>	<i>Mode</i>	<i>AddrList (200)</i>							
		<i>off</i> <i>on</i>								
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 all	<i>0 ... 65535</i>	<i>TCP</i> <i>UDP</i>	<i>0.0.0.0</i>					
sisss giss	<b>setIPServerSettings</b> <b>getIPServerSettings</b>	<i>Cd</i> <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>UDPAddress (200)</i>					
		+ IPS1 + IPS2 + IPS3 all	<i>0 ... 65535</i>	<i>TCP</i> <i>UDP</i> <i>TCP2Way</i>	<i>255.255.255.255</i>					
slco glco	<b>setLocalCoordOperation</b> <b>getLocalCoordOperation</b>	<i>OpName (100)</i>								
		<i>NETWORK</i>								
llc	<b>IstLocalCoordOperations</b>	<i>Operation</i>								
		<i>Overview</i>								
login	<b>LogIn</b>	<i>UserName (16)</i>	<i>Password (32)</i>							
logout	<b>LogOut</b>									
emd gmd	<b>exeManageDisk</b> <b>getManageDisk</b>	<i>Disk</i>	<i>Action</i>							
		<i>DSK1</i>	<i>Unmount</i> <i>Mount</i> <i>Format</i>							
emwa gmwa	<b>exeManageWiFiAccessPoint</b> <b>getManageWiFiAccessPoint</b>	<i>SSID (32)</i>	<i>Action</i>							
			<i>Promote</i> <i>Remove</i>							
smp gmp	<b>setMarkerParameters</b> <b>getMarkerParameters</b>	<i>MarkerName (60)</i>	<i>MarkerNumber (</i>	<i>MarkerType (20)</i>						
		<i>SEPT</i>	<i>Unknown</i>	<i>Unknown</i>						
lmd	<b>IstMIBDescription</b>	<i>File (255)</i>								
		<i>Overview</i> <i>SBFTable</i>								
sncr gnrc	<b>setNetworkRTKConfig</b> <b>getNetworkRTKConfig</b>	<i>NetworkType</i>								
		<i>auto</i> <i>VRS</i>								
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> USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 BT01 IPR1 IPR2 IPR3 DCL1	+ GGA + GLL + <u>GNS</u> + GRS + GSA + GST + GSV + RMC + VTG + ZDA + LLQ + GGQ + LLK + GMP + TFM + SNC + SCL + SBT							
sno gno	<b>setNMEAOutput</b> <b>getNMEAOutput</b>	<b>Stream</b> <i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					
		+ Stream1 ... Stream9 all	<u>none</u> DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 BT01 IPR1 IPR2 IPR3 DCL1	<u>none</u> + GGA + GLL + GNS + GRS + GSA + GST + GSV + RMC + VTG + ZDA + LLQ + GGQ + LLK + GMP + TXTbase + TFM + SNC + SCL + SBT	<u>off</u> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10					
snp gnp	<b>setNMEAPrecision</b> <b>getNMEAPrecision</b>	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
		0 ... 2 ... 3	<u>Nominal</u> Mode1 Mode2	<u>off</u> only	0.000 ... <u>0.001</u> ... 1.000 m					
snti gnti	<b>setNMEATalkerID</b> <b>getNMEATalkerID</b>	<i>TalkerID</i>								
		<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	<u>1100.000</u> ... 1700.000 MHz	<u>30</u> ... 1600 kHz					
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>		
		+ MP1 + MP2 + MP3 all	<u>off</u> on		<u>No</u> Yes			<u>none</u> <u>basic</u>		

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
smprf gmpf	<b>setNtripCasterMPFormat</b> <b>getNtripCasterMPFormat</b>	<b>MountPointID</b> MountPointID	<b>Format</b>	<b>ManualFt (30)</b>	<b>FtDetails (100)</b>					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
snscs gnscs	<b>setNtripCasterSettings</b> <b>getNtripCasterSettings</b>	<b>Mode</b>	<b>Port</b>	<b>Identifier (100)</b>						
		<u>off</u> on	0 ... 2101 ... 65535	<u>default</u>						
snucu gnucu	<b>setNtripCasterUsers</b> <b>getNtripCasterUsers</b>	<b>UserID</b> UserID	<b>UserName (20)</b>	<b>Password (40)</b>	<b>MountPoints</b>	<b>MaxClients</b>				
		+ User1 + User2 + User3 + User4 + User5 all			<u>none</u> + MP1 + MP2 + MP3 all	1 ... 10				
snts gnnts	<b>setNtripSettings</b> <b>getNtripSettings</b>	<b>Cd</b> Cd	<b>Mode</b>	<b>Caster (40)</b>	<b>Port</b>	<b>UserName (20)</b>	<b>Password (40)</b>	<b>MountPoint (32)</b>	<b>Version</b>	<b>SendGGA</b>
		+ NTR1 + NTR2 + NTR3 all	<u>off</u> Server Client		0 ... 2101 ... 65535				<u>v2</u>	<u>auto</u> off sec1 sec5 sec10 sec60
Inst	<b>IstNTRIPSourceTable</b>	<b>Caster (40)</b>	<b>Port</b>							
			0 ... 2101 ... 65535							
soc goc	<b>setObserverComment</b> <b>getObserverComment</b>	<b>Comment (120)</b>								
		<u>Unknown</u>								
sop gop	<b>setObserverParameters</b> <b>getObserverParameters</b>	<b>Observer (20)</b>	<b>Agency (40)</b>							
		<u>Unknown</u>	<u>Unknown</u>							
spfw gpfw	<b>setPortFirewall</b> <b>getPortFirewall</b>	<b>Interface</b> Interface	<b>OpenPorts</b>	<b>PortList (100)</b>						
		+ WiFi + Cell all	none <u>default</u> all PortList							
spm gpm	<b>setPVTMode</b> <b>getPVTMode</b>	<b>Mode</b>	<b>RoverMode</b>	<b>StaticPosition</b>						
		Static <u>Rover</u>	+ <u>StandAlone</u> + SBAS + <u>DGPS</u> + <u>RTKFloat</u> + <u>RTKFixed</u> + RTK all	<u>auto</u> Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5						
spba gpba	<b>setPWRButtonAction</b> <b>getPWRButtonAction</b>	<b>Click</b>	<b>DoubleClick</b>							
		none + <u>ToggleLogging</u> + <u>ToggleWiFi</u> all	none + <u>ToggleLogging</u> + <u>ToggleWiFi</u> all							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
grc	<b>getReceiverCapabilities</b>									
gri	<b>getReceiverInterface</b>	<i>Item</i>								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	<b>IstRecordedFile</b>	<b>Disk</b>	<b>FileName (60)</b>							
		DSK1								
era	<b>exeRegisteredApplications</b>	<b>Cd</b>	<b>Application (12)</b>							
gra	<b>getRegisteredApplications</b>	<i>Cd</i>								
		+ COM1 + USB1 + USB2 + IP10 ... IP17 + BT01 all	Unknown							
erf	<b>exeRemoveFile</b>	<b>Disk</b>	<b>FileName (60)</b>							
grf	<b>getRemoveFile</b>	<i>DSK1</i>	<i>none</i> all							
erst	<b>exeResetReceiver</b>	<b>Level</b>	<b>EraseMemory</b>							
grst	<b>getResetReceiver</b>	Soft <i>Hard</i> Upgrade	<i>none</i> + Config + Bluetooth + WiFiAccessPoints all							
sroa	<b>setRoamingMode</b>	<i>Enable</i>								
groa	<b>getRoamingMode</b>	off <i>on</i>								
sr2f	<b>setRTCMv2Formatting</b>	<i>ReferenceID</i>	<i>GLOToD</i>							
gr2f	<b>getRTCMv2Formatting</b>	0 ... 1023	Tk Tb							
sr2i	<b>setRTCMv2Interval</b>	<b>Message</b>	<i>ZCount</i>							
gr2i	<b>getRTCMv2Interval</b>	<i>Message</i>								
		+ RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM17 + RTCM22 + RTCM23   24 + RTCM31 + RTCM32 all	1 ... 2 ... 1000							
sr2b	<b>setRTCMv2IntervalObs</b>	<b>Message</b>	<i>Interval</i>							
gr2b	<b>getRTCMv2IntervalObs</b>	<i>Message</i>								
		+ RTCM18   19 + RTCM20   21 all	1 ... 600 s							
sr2m	<b>setRTCMv2Message16</b>	<i>Message (90)</i>								
gr2m	<b>getRTCMv2Message16</b>									
		Unknown								



Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sr2o gr2o	<b>setRTCMv2Output</b> <b>getRTCMv2Output</b>	<b>Cd</b> <i>Cd</i>	<b>Messages</b>							
		+ COM1 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + BT01 + IPR1 + IPR2 + IPR3 + DCL1 all	none + <a href="#">RTCM1</a> + <a href="#">RTCM3</a> + <a href="#">RTCM9</a> + <a href="#">RTCM16</a> + <a href="#">RTCM18</a>   <a href="#">19</a> + <a href="#">RTCM20</a>   <a href="#">21</a> + <a href="#">RTCM22</a> + <a href="#">RTCM23</a>   <a href="#">24</a> + <a href="#">RTCM31</a> + <a href="#">RTCM32</a> + <a href="#">RTCM17</a> + <a href="#">DGPS</a> + <a href="#">RTK</a> all							
sr3t gr3t	<b>setRTCMv3CRSTransfo</b> <b>getRTCMv3CRSTransfo</b>	<b>Mode</b>	<b>TargetName (32)</b>							
		auto manual								
sr3d gr3d	<b>setRTCMv3Delay</b> <b>getRTCMv3Delay</b>	<b>Delay</b>								
		0 ... 600 s								
sr3f gr3f	<b>setRTCMv3Formatting</b> <b>getRTCMv3Formatting</b>	<b>ReferenceID</b>	<b>MSMSignals</b>	<b>GLOL2</b>	<b>RxType (32)</b>					
		0 ... 4095	+ <a href="#">GPSL1CA</a> + <a href="#">GPSL1PY</a> + <a href="#">GPSL2PY</a> + <a href="#">GPSL2C</a> + <a href="#">GPSL5</a> + <a href="#">GLOL1CA</a> + <a href="#">GLOL2P</a> + <a href="#">GLOL2CA</a> + <a href="#">GLOL3</a> + <a href="#">GALL1BC</a> + <a href="#">GALE5a</a> + <a href="#">GALE5b</a> + <a href="#">GALE5</a> + <a href="#">GEOL1</a> + <a href="#">GEOL5</a> + <a href="#">BDSB1</a> + <a href="#">BDSB2</a> + <a href="#">QZSL1CA</a> + <a href="#">QZSL2C</a> + <a href="#">QZSL5</a> all	<a href="#">L2CA</a> <a href="#">L2P</a>	<a href="#">default</a>					
sr3i gr3i	<b>setRTCMv3Interval</b> <b>getRTCMv3Interval</b>	<b>Message</b> <i>Message</i>	<b>Interval</b>							
		+ <a href="#">RTCM1001</a>   <a href="#">2</a> + <a href="#">RTCM1003</a>   <a href="#">4</a> + <a href="#">RTCM1005</a>   <a href="#">6</a> + <a href="#">RTCM1007</a>   <a href="#">8</a> + <a href="#">RTCM1009</a>   <a href="#">10</a> + <a href="#">RTCM1011</a>   <a href="#">12</a> + <a href="#">RTCM1013</a> + <a href="#">RTCM1019</a> + <a href="#">RTCM1020</a> + <a href="#">RTCM1029</a> + <a href="#">RTCM1033</a> + <a href="#">RTCM1045</a> + <a href="#">RTCM1230</a> + <a href="#">MSM1</a> ... <a href="#">MSM7</a> all	0.1 ... <a href="#">1.0</a> ... 600.0 s							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sr3m gr3m	setRTCMv3Message1029 getRTCMv3Message1029	Message (120)								
		Unknown								
sr3o gr3o	setRTCMv3Output getRTCMv3Output	Cd Cd	Messages							
		+ COM1 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + BT01 + IPR1 + IPR2 + IPR3 + DCL1 all	none + RTCM1001 + RTCM1002 + RTCM1003 + <a href="#">RTCM1004</a> + RTCM1005 + <a href="#">RTCM1006</a> + RTCM1007 + RTCM1008 + RTCM1009 + RTCM1010 + RTCM1011 + <a href="#">RTCM1012</a> + RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + <a href="#">RTCM1033</a> + RTCM1045 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1091 + RTCM1092 + RTCM1093 + <a href="#">RTCM1094</a> + RTCM1095 + RTCM1096 + RTCM1097 + RTCM1111 ... RTCM1117 + RTCM1121 + RTCM1122 + RTCM1123 + <a href="#">RTCM1124</a> + RTCM1125 + RTCM1126 + RTCM1127 + <a href="#">RTCM1230</a> + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
sst gst	setSatelliteTracking getSatelliteTracking	Satellite								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + G01 ... G32 + R01 ... R30 + E01 ... E32 + S120 ... S158 + C01 ... C37 + J01 + J02 + J03 + I01 ... I07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + IRNSS all								
esoc gsoc	<b>exeSBFOnce</b> <b>getSBFOnce</b>	<b>Cd</b>	<b>Messages</b>							
		DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 BT01 IPR1 IPR2 IPR3 DCL1	[SBF List] + Measurements + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Time + Status + PostProcess + Rinex + Support							
ss0 gso	<b>setSBFOutput</b> <b>getSBFOutput</b>	<b>Stream</b> <i>Stream</i>	<b>Cd</b>	<b>Messages</b>	<b>Interval</b>					
		+ Stream1 ... Stream8 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 BT01 IPR1 IPR2 IPR3 DCL1	none [SBF List] + Measurements + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Time + DiffCorr + Status + PostProcess + Rinex + 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	<b>setSignalTracking</b> <b>getSignalTracking</b>	<b>Signal</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 +BDSB1 +BDSB2 +QZSL1CA +QZSL2C +QZSL5 +IRNL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +IRNSS all								
sspc gspc	setStaticPosCartesian getStaticPosCartesian	<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 Other				
sspg gspg	setStaticPosGeodetic getStaticPosGeodetic	<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 Other				
suoc guoc	setUMSDOnConnect getUMSDOnConnect	Mode								
		off on								
eunc gunc	exeUnblockCellular getUnblockCellular	<b>PUK (20)</b>	<b>PIN (20)</b>							
eup gup	exeUpdatePoint getUpdatePoint	<b>CollectID</b>	<b>Comment (250)</b>							
		0 ...439804651110								
sual gual	setUserAccessLevel getUserAccessLevel	<b>UserID</b> UserID	<b>UserName (16)</b>	<b>Password (32)</b>	<b>UserLevel</b>	<b>SSHKey (232)</b>				
		+User1 ... User8 all			Viewer User					
sud gud	setUserDatum getUserDatum	<b>Datum</b> Datum	Tx	Ty	Tz	Rx	Ry	Rz	D	

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	<u>Datum</u> Datum	<u>TxVel</u>	<u>TyVel</u>	<u>TzVel</u>	<u>RxVel</u>	<u>RyVel</u>	<u>RzVel</u>	<u>DVel</u>	<u>RefYear</u>
		+ 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	<u>Datum</u> Datum	<u>A</u>	<u>Invf</u>						
		+ User1 + User2 all	6300000.000 ... 6378137.000 ... 6400000.000 m	290.000000000 ... 298.25722356 ... 305.000000000						
swbi gwbi	setWBIMitigation getWBIMitigation	<u>Mode</u>								
		off on								
swfa gwfa	setWiFiAccessPoint getWiFiAccessPoint	<u>SSID (32)</u>	<u>EncryptionType</u>	<u>Key (40)</u>	<u>Channel</u>	<u>Hotspot</u>	<u>SSIDActual (32)</u>			
		default	none WPA2	password	1 ... 6 ... 11	off on	model-sn			
lwa	lstWiFiAccessPoints	<u>Type</u>								
		+ Known + Reachable all								
swfm gwfm	setWiFiMode getWiFiMode	<u>Enable</u>	<u>Mode</u>							
		off on	AccessPoint Client							
ewcf gwcf	exeWriteCollectCsvFile getWriteCollectCsvFile	<u>CollectDB</u>	<u>Disk</u>	<u>FileName (8)</u>	<u>Separator</u>					
		CollectDB1 CollectDB2 CollectDB3	DSK1	collect	Comma Tab Colon SemiColon Space Vertical_Bar					

## SBF List

ASCIIn	BBSamples	BDSIon
BDSNav	BDSRaw	BDSUtc
BaseStation	BaseVectorCart	BaseVectorGeod
BatteryStatus	BluetoothStatus	CellularStatus
ChannelStatus	Commands	Comment
DOP	DiffCorrIn	DiskStatus
DynDNSStatus	EndOfMeas	EndOfPVT
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
GPSTc	IRNSSRaw	InputLink
MeasEpoch	MeasExtra	NTRIPClientStatus
OutputLink	PVTCartesian	PVTGeodetic
PVTSupport	PVTSupportA	PosCart
PosCovCartesian	PosCovGeodetic	PosLocal
PosProjected	QZSNav	QZSRawL1CA
QZSRawL2C	QZSRawL5	QualityInd
RFStatus	RTCMDatum	ReceiverSetup
ReceiverStatus	ReceiverTime	RxComponents
RxMessage	SatVisibility	VelCovCartesian
VelCovGeodetic	WiFiAPStatus	WiFiClientStatus