

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	exeAddWiFiAccessPoint getAddWiFiAccessPoint	<i>SSID (32)</i>	<i>Key (40)</i>							
sam gam	setAGCMode getAGCMode	<i>Band</i> <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+ L1 + L2L5 + E6 all	<u>auto</u> frozen manual	0 ... <u>35</u> ... 70 dB						
lai	lstAntennaInfo	<i>Antenna</i>								
		Overview Main [antenna name]								
sao gao	setAntennaOffset getAntennaOffset	<i>Antenna</i> <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 ... <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	<u>Unknown</u>	<u>Unknown</u>	0 ... 255		
lal	lstAuthorizationLinkCloudIt	<i>Server</i>								
		+ <u>Cloud1</u> + Cloud2 ... Cloud8 all								
sbbs gbbs	setBBSamplingMode getBBSamplingMode	<i>Mode</i>								
		<u>BeforeIM</u> AfterIM								
sbci gbci	setBINEXCloudIt getBINEXCloudIt	<i>Cd</i> <i>Cd</i>	<i>Server</i>	<i>Path (64)</i>	<i>Retry</i>					
		+ LOG1 ... LOG8 all	<u>off</u> Cloud1 ... Cloud8		<u>off</u> min15 min30 hour1 hour6 day1					
sbfm gbfm	setBINEXFormatting getBINEXFormatting	<i>ObsSignals</i>	<i>ExtraObsTypes</i>							

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 +GPSL1C +GLOL1CA +GLOL1P +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL1C +QZSL1S +NAVICL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all	none + Doppler							
sbfp gbfp	setBINEXFTP getBINEXFTP	Cd Cd	Enable	Server (40)	Path (64)	User (20)	Password (40)	FTPPort	RetryIntrvl	
		+LOG1 ... LOG8 all	off on			anonymous		1 ... 21 ... 65535	off min15 min30 hour1 hour6 day1	
sblp gbfp	setBINEXLoggingParameters getBINEXLoggingParameters	Cd Cd	Duration	Compression						
		+LOG1 ... LOG8 all	min15 hour1 hour6 hour24	off on						
ebio gbio	exeBINEXOnce getBINEXOnce	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 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	+ Rec00 + Rec0101 + Rec0102 + Rec0103 + Rec0105 + Rec0106 + Rec0114 + Rec05Geod + Rec7D00 + Rec7F05 + Rec01Nav							
sbo gbo	setBINEXOutput getBINEXOutput	Stream Stream	Cd	Messages	Interval					
		+ Stream1 ... Stream16 all	none COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	none + Rec00 + Rec0101 + Rec0102 + Rec0103 + Rec0105 + Rec0106 + Rec0114 + Rec0141 ... Rec0147 + Rec05Geod + Rec7D00 + Rec7E01 + Rec7F05 + Rec01Nav + Rec01Raw	off OnChange msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
scdy gcyd	setCABDLY getCABDLY	CABDLY								
		-1000.000 ... 0.000 ... 1000.000 ns								
scfp gcfp	setCGGTSFTP getCGGTSFTP	Cd Cd	Enable	Server (40)	Path (64)	User (20)	Password (40)	FTPPort	RetryIntrvl	
		+ LOG1 ... LOG8 all	off on			anonymous		1 ... 21 ... 65535	off min15 min30 hour1 hour6 day1	
scgl gcgl	setCGGTSLogging getCGGTSLogging	Cd Cd	FileTypes							
		+ LOG1 + LOG2 ... LOG8 all	none + GPS + GLONASS + GALILEO + BEIDOU all							
scpo gcpo	setCGGTSPosition getCGGTSPosition	SatSystem SatSystem	Mode	X	Y	Z				

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPS + GLONASS + GALILEO + BEIDOU all	<u>manual</u>	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m				
scgt gcgt	setCGGTSTTrackParameters getCGGTSTTrackParameters	<i>ElMask</i>	<i>TrackSchedule</i>							
		-90 ... <u>10</u> ... 90 deg	<u>BIPM</u> Contiguous							
sca gca	setChannelAllocation getChannelAllocation	Channel <i>Channel</i>	<i>Satellite</i>	<i>Search</i>	<i>Doppler</i>	<i>Window</i>				
		+ Ch01 ... Ch80 all	<u>auto</u> G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J07 I01 ... I14	<u>auto</u> manual	-50000 ... <u>0</u> ... 50000 Hz	1 ... <u>16000</u> ... 100000 Hz				
scst gcst	setClockSyncThreshold getClockSyncThreshold	<i>Threshold</i>	<i>StartupSync</i>							
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5	<u>off</u> on							
scic gcic	setCloudItConfig getCloudItConfig	Server <i>Server</i>	<i>Name (32)</i>	<i>ClientID (128)</i>	<i>ClientSecret (128)</i>	<i>AuthURL (255)</i>	<i>TokenURL (255)</i>	<i>Endpoint (255)</i>	<i>Scope (64)</i>	<i>RedirectURI (255)</i>
		+ Cloud1 ... Cloud8 all								
sc2f gc2f	setCMRv2Formatting getCMRv2Formatting	<i>ReferenceID</i>								
		<u>0</u> ... 31								
sc2i gc2i	setCMRv2Interval getCMRv2Interval	Message <i>Message</i>	<i>Interval</i>							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 ... <u>1.0</u> ... 600.0 s							
sc2m gc2m	setCMRv2Message2 getCMRv2Message2	<i>ShortID (8)</i>	<i>LongID (50)</i>	<i>COGO (16)</i>						
		<u>Unknown</u>	<u>Unknown</u>	<u>Unknown</u>						
sc2o gc2o	setCMRv2Output getCMRv2Output	Cd <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 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 all	none + <u>CMR0</u> + <u>CMR1</u> + <u>CMR2</u> + <u>CMR3</u> all							
sc2u gc2u	setCMRv2Usage getCMRv2Usage	<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	setCN0Mask getCN0Mask	Signal <i>Signal</i>	<i>Mask</i>							
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GPSL1C + GLOL1CA + GLOL1P + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 + QZSL1C + QZSL1S + NAVICLS all	0 ... 10 ... 60 dB-Hz							
help	!stCommandHelp	Action (255)								
		Overview								
scs gcs	setCOMSettings getCOMSettings	Cd <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 + COM4 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u> baud230400	<u>bits8</u>	No	<u>bit1</u>	none RTS CTS			
lcf	lstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scoc gcoc	setCosmosConfig getCosmosConfig	Enable	CustomerID (24)							
		off on								
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	Mode								
		off on								
lcu	lstCurrentUser									
sdcm gdcmm	setDaisyChainMode getDaisyChainMode	DC DC	Mode							
		+ DC1 + DC2 all	Raw ASCII							
sdio gdio	setDataInOut getDataInOut	Cd Cd	Input	Output	Show					
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + LOG1 ... LOG8 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 RTCMV ASCIIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + <u>SBE</u> + <u>NMEA</u> + ASCIIIDisplay + DC1 + DC2 + <u>BINEX</u> + LBandBeam1 + LBandBeam2	(off) (on) (waiting)					
sdal gdal	setDefaultAccessLevel getDefaultAccessLevel	Web	FileTransfer	Ip	Com	Usb				

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none Viewer User	none Viewer User	none Viewer User	none Viewer User	none Viewer User				
sdca gdca	setDiffCorrMaxAge getDiffCorrMaxAge	DGPSCorr	RTKCorr	PPPCorr	Iono					
		0.0 ... 400.0 ... 3600.0 s	0.0 ... 20.0 ... 3600.0 s	0.0 ... 360.0 ... 3600.0 s	0.0 ... 600.0 ... 3600.0 s					
sdcu gdcu	setDiffCorrUsage getDiffCorrUsage	Mode	MaxAge	BaseSelection	BaseID					
		LowLatency	0.1 ... 3600.0 s	auto manual	0 ... 4095					
edci gdci	exeDisconnectCloudIt getDisconnectCloudIt	Server								
		Cloud1 ... Cloud8								
lde	IstDiskEvent	Disk	SessionName (60)							
		DSK1 DSK2 all								
sdfa gdfa	setDiskFullAction getDiskFullAction	Disk Disk	Action							
		+ DSK1 + DSK2 all	DeleteOldest StopLogging							
ldi	IstDiskInfo	Disk	Directory (60)							
		DSK1 DSK2 all								
sdds gd ds	setDynamicDNS getDynamicDNS	Provider	UserName (40)	Password (40)	Hostname (40)	Bind				
		off dyndns.org no-ip.com				auto Ethernet WiFi				
ee cm ge cm	exeEchoMessage getEchoMessage	Cd	Message (242)	EndOfLine						
		COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 DC1 DC2	A:Unknown	none + CR + LF all						
sem gem	setElevationMask getElevationMask	Engine Engine	Mask							
		+ Tracking + PVT all	-90 ... 0 ... 90 deg							
seth geth	setEthernetMode getEthernetMode	Enable								
		off on								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sep gep	setEventParameters getEventParameters	Event <i>Event</i>	Polarity	Delay						
		+ EventA + EventB all	Low2High High2Low	-500.000000 ... 0.000000 ... 500.000000 ms						
erac	exeAuthorizeCloudit	Server	AuthCode (1024)							
		Cloud1 Cloud2 ... Cloud8								
sfm gfm	setFileNaming getFileNaming	Cd <i>Cd</i>	NamingType	FileName (20)	Compression					
		+ LOG1 ... LOG8 all	<u>FileName</u> Incremental IGS15M IGS1H IGS6H IGS24H	<u>log</u>	off on					
efpt gfpt	exeFTPPushTest getFTPPushTest	Server (40)	Path (64)	User (20)	Password (40)	FTPPort				
				<u>anonymous</u>		1 ... 21 ... 65535				
efup gfup	exeFTPUpgrade getFTPUpgrade	Server (32)	Path (64)	Login (12)	Password (24)					
				<u>anonymous</u>						
sgd ggd	setGeodeticDatum getGeodeticDatum	TargetDatum								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 <u>Default</u> User1 User2								
sgu ggu	setGeoidUndulation getGeoidUndulation	Mode	Undulation							
		<u>auto</u> manual	-250.000 ... 0.000 ... 250.000 m							
sfno gfno	setGlobalFileNamingOptions getGlobalFileNamingOptions	BusyTag	SessionTag							
		off <u>on</u>	off <u>on</u>							
sgpf ggpf	setGPIOFunctionality getGPIOFunctionality	GPPin <i>GPPin</i>	Mode	Input	Output					
		+ GP1 + GP2 all	<u>Output</u>	<u>none</u>	<u>LevelLow</u> LevelHigh					
shm ghm	setHealthMask getHealthMask	Engine <i>Engine</i>	Mask							
		+ Tracking + PVT all	off <u>on</u>							
shs ghs	setHttpsSettings getHttpsSettings	Protocol								
		+ <u>HTTP</u> + <u>HTTPS</u> all								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sidy gidy	setINTDLY getINTDLY	Frequency <i>Frequency</i>	<i>INTDLY</i>							
		+GPSL1 +GPSL2 +GLOL1 +GLOL2 +GALE1 +GALE5a +BDSB1I +BDSB2I all	-1000.000 ... 0.000 ... 1000.000 ns							
lif	lstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError SetupError LBAS1Access LBAS1Subscr IPParameters RxMessages								
sim gim	setlonosphereModel getlonosphereModel	<i>Model</i>								
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	setIPFiltering getIPFiltering	<i>Mode</i>	<i>AddrList (200)</i>							
		off on								
sipp gipp	setIPPortSettings getIPPortSettings	<i>Command</i>	<i>FTPControl</i>							
		1 ... 28784 ... 65535	1 ... 21 ... 65535							
sirs girs	setIPReceiveSettings getIPReceiveSettings	Cd <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>TCPAddress (40)</i>					
		+IPR1 +IPR2 +IPR3 all	0 ... 65535	TCP2Way UDP	0.0.0.0					
sisss giss	setIPServerSettings getIPServerSettings	Cd <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>UDPAddress (200)</i>					
		+IPS1 +IPS2 +IPS3 +IPS4 +IPS5 all	0 ... 65535	TCP UDP TCP2Way	255.255.255.255					
sips gips	setIPSettings getIPSettings	<i>Mode</i>	<i>IP (16)</i>	<i>Netmask (16)</i>	<i>Gateway (16)</i>	<i>Domain (63)</i>	<i>DNS1 (16)</i>	<i>DNS2 (16)</i>	<i>MTU</i>	
		DHCP Static	0.0.0.0	255.255.255.0	0.0.0.0		0.0.0.0	0.0.0.0	0 ... 1500	
scls gcls	setL6CLASSource getL6CLASSource	<i>Satellite</i>	<i>Message</i>							
		auto none J01 ... J07	L6D L6E							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
llbb	lStLBandBeams									
slbb glbb	setLBandBeams getLBandBeams	Beam <i>Beam</i>	<i>Frequency</i>	<i>Rate</i>	<i>Name (8)</i>	<i>Region (8)</i>	<i>Usage</i>			
		+ User1 + User2 all	1525000000 ...1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
slcs glcs	setLBandCustomServiceID getLBandCustomServiceID	<i>ServiceID (4)</i>	<i>ScramblingVector</i>	<i>NDAUsage</i>						
		0000	0000	off on						
slnd glnd	setLBandNTRIPDelivery getLBandNTRIPDelivery	<i>Cd</i>								
		none NTR1 NTR2 NTR3 DC1 SID08 DC2 SID08								
slsm glsm	setLBandSelectMode getLBandSelectMode	<i>Mode</i>	<i>Service</i>	<i>Beam1</i>	<i>Beam2</i>					
		auto off manual	LBAS1 Inmarsat	User1 User2 LBAS1 1 LBAS1 2 LBAS1 3 LBAS1 4 LBAS1 5 LBAS1 6 LBAS1 7 LBAS1 8 LBAS1 9 LBAS1 10 LBAS1 11 LBAS1 12 LBAS1 13 LBAS1 14 LBAS1 15 LBAS1 16	User1 User2 LBAS1 1 LBAS1 2 LBAS1 3 LBAS1 4 LBAS1 5 LBAS1 6 LBAS1 7 LBAS1 8 LBAS1 9 LBAS1 10 LBAS1 11 LBAS1 12 LBAS1 13 LBAS1 14 LBAS1 15 LBAS1 16					
llrs	lStLBAS1RefStations									
slrs glrs	setLBAS1RefStations getLBAS1RefStations	Stream <i>Stream</i>	<i>StationID (255)</i>							
		+ RTCMV all	all							
slm glm	setLEDMode getLEDMode	<i>GPLED</i>								
		DIFFCORLED LOGLED								
login	Login	<i>UserName (16)</i>	<i>Password (32)</i>							
logout	LogOut									
sls glS	setLogSession getLogSession	<i>Cd</i> <i>Cd</i>	<i>State</i>	<i>Disk</i>	<i>Name (30)</i>	<i>AutoDelete</i>	<i>Priority</i>	<i>Type</i>		

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ LOG1 ... LOG8 all	<u>Unused</u> Disabled Enabled	<u>DSK1</u> DSK2		<u>Never</u> After1Day After2Days After3Days After4Days After7Days After14Days After21Days After30Days After60Days After90Days After180Days After1Year After2Years	Low <u>Medium</u> High	<u>Continuous</u> Scheduled PreserveOnEvent		
slss glss	setLogSessionSchedule getLogSessionSchedule	Cd Cd	<i>StartTime (30)</i>	<i>Duration</i>	<i>RepetitionIntrvl</i>					
		+ LOG1 ... LOG8 all	2000-01-01 00:00:00	0 ... 2678400 s	0 ... 2678400 s					
smv gmw	setMagneticVariance getMagneticVariance	<i>Mode</i>	<i>Variance</i>							
		auto manual	-180.0 ... 0.0 ... 180.0 deg							
emd gmd	exeManageDisk getManageDisk	Disk	Action							
		DSK1 DSK2	<u>Unmount</u> Mount Format							
emwa gmwa	exeManageWiFiAccessPoint getManageWiFiAccessPoint	SSID (32)	Action							
			<u>Promote</u> Remove							
smv gmv	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (10)</i>	<i>MarkerType (20)</i>	<i>StationCode (10)</i>	<i>MonumentIdx</i>	<i>ReceiverIdx</i>	<i>CountryCode (3)</i>		
		SEPT	<u>Unknown</u>	<u>Unknown</u>		0 ... 9	0 ... 9			
smrf gmrf	setMeas3MaxRefInterval getMeas3MaxRefInterval	<i>MaxIntrvl</i>								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	lstMIBDescription	File (255)								
		Overview SBFTable								
smm gmm	setMultipathMitigation getMultipathMitigation	<i>Code</i>	<i>Carrier</i>							
		off <u>on</u>	off <u>on</u>							
snrc gnrc	setNetworkRTKConfig getNetworkRTKConfig	<i>NetworkType</i>								
		auto VRS								
sncl gncl	setNMEACloudIt getNMEACloudIt	Cd Cd	<i>Server</i>	<i>Path (64)</i>	<i>Retry</i>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ LOG1 ... LOG8 all	<u>off</u> Cloud1 ... Cloud8		<u>off</u> min15 min30 hour1 hour6 day1					
snfp gnfp	setNMEAFTP getNMEAFTP	Cd <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 ... LOG8 all	<u>off</u> on			<u>anonymous</u>		1 ... 21 ... 65535	<u>off</u> min15 min30 hour1 hour6 day1	
snlp gnlp	setNMEALogging getNMEALogging	Cd <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>	<i>Compression</i>					
		+ LOG1 ... LOG8 all	<u>FileName</u> Incremental IGS15M IGS1H IGS6H IGS24H	<u>log</u>	<u>off</u> on					
enoc gnoc	exeNMEAOnce getNMEAOnce	Cd	Messages							
		COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	+ ALM + DTM + GBS + GGA + GLL + <u>GNS</u> + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + LLQ + RBP + RBV + RBD + AVR + GGK + GFA + GGQ + LLK + GMP + TFM + SNC + SRX + SDI + SPW							
sno gno	setNMEAOutput getNMEAOutput	Stream <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 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	<u>none</u> + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + LLQ + RBP + RBV + RBD + PUMRD + AVR + GSK + GFA + GGQ + LLK + GMP + TXTbase + TFM + SNC + SRX + SDI + SPW	<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	setNMEAPrecision getNMEAPrecision	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
		0 ... 3	<u>Nominal</u> Mode1 Mode2	<u>off</u> only	0.000 ... 0.001 ... 1.000 m					
snti gnti	setNMEATalkerID getNMEATalkerID	<i>TalkerID</i>								
		auto <u>GP</u> GN								
snv gnv	setNMEAVersion getNMEAVersion	<i>Version</i>								
		v3x v4x								
snf gnf	setNotchFiltering getNotchFiltering	Notch <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>					
		+ Notch1 + Notch2 + Notch3 all	<u>auto</u> off manual	1100.000 ... 2550.000 MHz	30 ... 1600 kHz					
sntp gntp	setNTPServer getNTPServer	<i>Enable</i>								
		<u>off</u> on								
snmp gnmp	setNtripCasterMountPoints getNtripCasterMountPoints	MountPointID <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	setNtripCasterMPFormat getNtripCasterMPFormat	MountPointID MountPointID	<i>Format</i>	<i>ManualFt (30)</i>	<i>FtDetails (100)</i>					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA BINEX <u>RAW</u> manual							
snscs gnscs	setNtripCasterSettings getNtripCasterSettings	<i>Mode</i>	<i>Port</i>	<i>Identifier (100)</i>	<i>TlsPort</i>					
		off on	0 ... 2101 ... 65535	<u>default</u>	0 ... 2102 ... 65535					
snucu gnucu	setNtripCasterUsers getNtripCasterUsers	UserID UserID	<i>UserName (20)</i>	<i>Password (40)</i>	<i>MountPoints</i>	<i>MaxClients</i>				
		+ User1 + User2 + User3 + User4 + User5 all			<u>none</u> + MP1 + MP2 + MP3 all	1 ... 10				
snts gnnts	setNtripSettings getNtripSettings	Cd Cd	<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 all	off Server Client		0 ... 2101 ... 65535				v1 <u>v2</u>	<u>auto</u> off sec1 sec5 sec10 sec60
Inst	lstNTRIPSourceTable	Caster (40)	<i>Port</i>							
			0 ... 2101 ... 65535							
sntt gnntt	setNtripTlsSettings getNtripTlsSettings	Cd Cd	<i>Enable</i>	<i>Fingerprint (96)</i>						
		+ NTR1 + NTR2 + NTR3 all	off on							
soc goc	setObserverComment getObserverComment	<i>Comment (120)</i>								
		<u>Unknown</u>								
sop gop	setObserverParameters getObserverParameters	<i>Observer (20)</i>	<i>Agency (40)</i>							
		<u>Unknown</u>	<u>Unknown</u>							
spe gpe	setPeriodicEcho getPeriodicEcho	Cd Cd	<i>Message (201)</i>	<i>Interval</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 all	<u>A:Unknown</u>	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60				once		
sp2p gp2p	setPointToPoint getPointToPoint	SessionID <i>SessionID</i>	Mode	Cd	ClientIP (20)	ServerIP (20)	Auth	Password (40)	ConnectTimeout	ActivityTimeout
		+ 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	setPortFirewall getPortFirewall	Interface <i>Interface</i>	OpenPorts	PortList (100)						
		+ Ethernet + WiFi all	none <u>default</u> all PortList							
epwm gpwm	exePowerMode getPowerMode	Mode								
		<u>ScheduledSleep</u> StandBy								
spth gpth	setPowerThresholds getPowerThresholds	ExtPowerSupply								
		0.0 ... 30.0 V								
spas gpas	setPPPAutoSeed getPPPAutoSeed	Mode								
		none + DGPS + RTKFixed all								
epss gpss	exePPPSetSeedGeod getPPPSetSeedGeod	Latitude	Longitude	Altitude	Datum					
		-90.000000000 ... 0.000000000 ... 90.000000000 deg	-180.000000000 ... 0.000000000 ... 180.000000000 deg	-1000.0000 ... 0.0000 ... 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 User1 User2 Other					
spim gpim	setPPSINMonitor getPPSINMonitor	Mode								
		off on								
spin gpin	setPPSINParameters getPPSINParameters	XOCompensation								
		off auto								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
spps gpps	setPPSPParameters getPPSPParameters	<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 sec5 sec10	Low2High High2Low	-1000000.00 ...0.00 ...1000000.00 ns	TimeSys UTC RxClock GLONASS	0 ... 60 ... 3600 s	0.001 ... 5.000 ... 1000.000 ms			
epl gpl	exePreserveLogging getPreserveLogging	EventTime (30)								
		2000-01-01 00:00:00								
spoe gpoe	setPreserveOnEvent getPreserveOnEvent	Cd <i>Cd</i>	<i>Event</i>	<i>TimeBefore</i>	<i>TimeAfter</i>					
		+ LOG1 ... LOG8 all	none + EventA + EventB + Command	0 ... 15 ... 1440 min	0 ... 15 ... 1440 min					
spm gpm	setPVTMode getPVTMode	<i>Mode</i>	<i>RoverMode</i>	<i>RefPos</i>						
		Static <u>Rover</u>	+ <u>StandAlone</u> + <u>SBAS</u> + <u>DGPS</u> + <u>RTKFloat</u> + <u>RTKFixed</u> + <u>PPP</u> + RTK all	<u>auto</u> Geodetic1 Cartesian1						
srl grl	setRAIMLevels getRAIMLevels	<i>Mode</i>	<i>Pfa</i>	<i>Pmd</i>	<i>Reliability</i>					
		off <u>on</u>	-12 ... -4 ... -1	-12 ... -4 ... -1	-12 ... -3 ... -1					
grc	getReceiverCapabilities									
srd grd	setReceiverDynamics getReceiverDynamics	<i>Level</i>	<i>Motion</i>							
		Max High <u>Moderate</u> Low	Static Quasistatic Pedestrian Automotive EarthquakeMon Unlimited							
gri	getReceiverInterface	<i>Item</i>								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	lstRecordedFile	Disk	FileName (60)							
		DSK1 DSK2								
srdy grdy	setREFDLY getREFDLY	<i>REFDLY</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		-1000.000 ... 0.000 ... 1000.000 ns								
srom grom	setREFOUTMode getREFOUTMode	<i>Enable</i>	<i>Disciplined</i>	<i>FreqOffset</i>						
		off <u>on</u>	off <u>on</u>	-1.000 ... 0.000 ... 1.000 ppm						
era gra	exeRegisteredApplications getRegisteredApplications	<i>Cd</i> <i>Cd</i>	<i>Application (12)</i>							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 all	<u>Unknown</u>							
erf grf	exeRemoveFile getRemoveFile	<i>Disk</i>	<i>FileName (200)</i>							
		<u>DSK1</u> DSK2	<u>none</u> all							
ernf grnf	exeResetNavFilter getResetNavFilter	<i>Level</i>								
		+ <u>PVT</u> + <u>AmbRTK</u> all								
erst grst	exeResetReceiver getResetReceiver	<i>Level</i>	<i>EraseMemory</i>							
		Soft <u>Hard</u> Upgrade	<u>none</u> + Config + PVTData + SatData + BaseStations + WiFiAccessPoints + HTTPSCertificate all							
srci grci	setRINEXCloudIt getRINEXCloudIt	<i>Cd</i> <i>Cd</i>	<i>Server</i>	<i>Path (64)</i>	<i>Retry</i>					
		+ LOG1 ... LOG8 all	off Cloud1 ... Cloud8		off min15 min30 hour1 hour6 day1					
srfp grfp	setRINEXFTP getRINEXFTP	<i>Cd</i> <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 ... LOG8 all	off <u>on</u>			<u>anonymous</u>		1 ... 21 ... 65535	off min15 min30 hour1 hour6 day1	
srxl grxl	setRINEXLogging getRINEXLogging	<i>Cd</i> <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 ... LOG8 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>GPSL1C</u> + <u>GLOL1CA</u> + <u>GLOL1P</u> + <u>GLOL2P</u> + <u>GLOL2CA</u> + <u>GLOL3</u> + <u>GALL1BC</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>QZSL1C</u> + <u>QZSL1S</u> + <u>NAVICL5</u> all	<u>none</u> + Dx + Sx + Channel all	<u>v2x</u> v3x v3xLongName	off <u>on</u>	+ <u>Obs</u> + <u>Nav</u> + <u>Met</u> all	<u>none</u> + Compress + Hatanaka + GroupInTar
srmi grmi	setRTCMMSMCloudit getRTCMMSMCloudit	Cd <i>Cd</i>	<i>Server</i>	<i>Path (64)</i>	<i>Retry</i>					
		+ LOG1 ... LOG8 all	<u>off</u> Cloud1 ... Cloud8		<u>off</u> min15 min30 hour1 hour6 day1					
smfp gmfp	setRTCMMSMFTP getRTCMMSMFTP	Cd <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 ... LOG8 all	<u>off</u> <u>on</u>			<u>anonymous</u>		1 ... 21 ... 65535	<u>off</u> min15 min30 hour1 hour6 day1	
smsl gmsl	setRTCMMSMLogging getRTCMMSMLogging	Cd <i>Cd</i>	<i>FileDuration</i>	<i>Compression</i>	<i>Messages</i>	<i>ObsInterval</i>				

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ LOG1 ... LOG8 all	<u>none</u> hour1 hour6 hour24 minute15	<u>off</u> on	none + <u>RTCM1006</u> + <u>RTCM1008</u> + <u>RTCM1013</u> + <u>RTCM1019</u> + <u>RTCM1020</u> + <u>RTCM1033</u> + <u>RTCM1042</u> + <u>RTCM1044</u> + <u>RTCM1045</u> + <u>RTCM1046</u> + RTCM1074 + <u>RTCM1075</u> + RTCM1076 + RTCM1077 + RTCM1084 + <u>RTCM1085</u> + RTCM1086 + RTCM1087 + RTCM1094 + <u>RTCM1095</u> + RTCM1096 + RTCM1097 + RTCM1104 + <u>RTCM1105</u> + RTCM1106 + RTCM1107 + RTCM1114 + <u>RTCM1115</u> + RTCM1116 + RTCM1117 + RTCM1124 + <u>RTCM1125</u> + RTCM1126 + RTCM1127 + RTCM1134 + <u>RTCM1135</u> + RTCM1136 + RTCM1137 + <u>RTCM1230</u> + MSM4 + MSM5 + MSM6 + MSM7 + Nav + Station	msec100 msec200 msec500 <u>sec1</u> sec2 sec5 sec10 sec15 sec30 sec60				
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<i>PRType</i>	<i>GLOToD</i>	<i>RTKVersion</i>						
		<u>Standard</u> GroupDelay	<u>Tk</u> Tb	v2.1 <u>v2.2orLater</u>						
sr2f gr2f	setRTCMv2Formatting getRTCMv2Formatting	<i>ReferenceID</i>	<i>GLOToD</i>							
		0 ... 1023	<u>Tk</u> Tb							
sr2i gr2i	setRTCMv2Interval getRTCMv2Interval	Message <i>Message</i>	<i>ZCount</i>							
		+ RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM17 + RTCM22 + RTCM23 24 + RTCM31 + RTCM32 all	1 ... 2 ... 1000							
sr2b gr2b	setRTCMv2IntervalObs getRTCMv2IntervalObs	Message <i>Message</i>	<i>Interval</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ RTCM18 19 + RTCM20 21 all	1 ... 600 s							
sr2m gr2m	setRTCMv2Message16 getRTCMv2Message16	Message (90)								
		Unknown								
sr2o gr2o	setRTCMv2Output getRTCMv2Output	Cd Cd	Messages							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 all	none + RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM18 19 + RTCM20 21 + RTCM22 + RTCM23 24 + RTCM31 + RTCM32 + RTCM17 + DGPS + RTK all							
sr2u gr2u	setRTCMv2Usage getRTCMv2Usage	MsgUsage								
		none + RTCM1 + RTCM3 + RTCM9 + RTCM15 + RTCM18 19 + RTCM20 21 + RTCM22 + RTCM23 24 + RTCM31 + RTCM32 + RTCM34 + RTCM17 + RTCM59 all								
sr3t gr3t	setRTCMv3CRSTransfo getRTCMv3CRSTransfo	Mode	TargetName (32)							
		auto manual								
sr3d gr3d	setRTCMv3Delay getRTCMv3Delay	Delay								
		0.0 ... 600.0 s								
sr3f gr3f	setRTCMv3Formatting getRTCMv3Formatting	ReferenceID	MSMSignals	GL0L2	RxType (32)					

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 +GPSL1C +GLOL1CA +GLOL1P +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 +QZSL1C +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 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 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	setSatelliteTracking getSatelliteTracking	Satellite								
		none +G01 ... G32 +R01 ... R30 +E01 ... E36 +S120 ... S158 +C01 ... C63 +J01 ... J07 +I01 ... I14 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all								
ssu gsu	setSatelliteUsage getSatelliteUsage	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 ... R24 +R25 +R26 +R27 +R28 +R29 +R30 +E01 ... E36 +S120 ... S158 +C01 ... C63 +GPS +GLONASS +GALILEO +SBAS +BEIDOU all								
ssbc gsbc	setSBASCorrections getSBASCorrections	Satellite	SISMode	NavMode	DO229Version					
		auto EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test <u>Operational</u>	EnRoute PrecApp <u>MixedSystems</u>	auto DO229C					
sssc gssc	setSBASService getSBASService	Service								
		<u>DO229</u> DFMC								
ssci gscli	setSBFCloudIt getSBFCloudIt	Cd Cd	Server	Path (64)	Retry					
		+LOG1 ... LOG8 all	off Cloud1 ... Cloud8		off min15 min30 hour1 hour6 day1					
ssfp gsfp	setSBFFTP getSBFFTP	Cd Cd	Enable	Server (40)	Path (64)	User (20)	Password (40)	FTPPort	RetryIntrvl	
		+LOG1 ... LOG8 all	off on			anonymous		1 ... 21 ... 65535	off min15 min30 hour1 hour6 day1	
ssgp gsgp	setSBFGroups getSBFGroups	Group 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	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Time + Events + DiffCorr + Status + LBand + Advanced + PostProcess + Rinex + RinexMeas3 + Support							
esoc gsoc	exeSBFOnce getSBFOnce	<i>Cd</i>	<i>Messages</i>							
		COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Time + Status + LBand + UserGroups + Advanced + PostProcess + Rinex + RinexMeas3 + Support							
ssoc 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 ... Stream16 + Res1 + Res2 + Res3 + Res4 all	none COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 LOG1 ... LOG8	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Time + Event + DiffCorr + Status + LBand + UserGroups + Advanced + 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	<i>Signal</i>								
		+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GPSL1C + GLOL1CA + GLOL1P + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + QZSL6 + QZSL1C + QZSL1S + NAVICLS + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC all								
snu gnu	setSignalUsage getSignalUsage	<i>PVT</i>	<i>NavData</i>							

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 +GPSL1C +GLOL1CA +GLOL1P +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +BDSB2b all	+GPSL1CA +GPSL1PY +GPSL2PY +GPSL2C +GPSL5 +GPSL1C +GLOL1CA +GLOL1P +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +BDSB2b +QZSL1CA +QZSL2C +QZSL5 +QZSL6 +QZSL1C +QZSL1S all							
ssi gsi	setSmoothingInterval getSmoothingInterval	Signal <i>Signal</i>	<i>Interval</i>	<i>Alignment</i>						
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GPSL1C +GLOL1CA +GLOL1P +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +BDSB2b +QZSL1CA +QZSL2C +QZSL5 +QZSL6 +QZSL1C +QZSL1S +NAVICL5 all	0 ... 1000 s	0 ... 1000 s						
ssm gsm	setStandbyMonitoring getStandbyMonitoring	<i>StandbyPeriod</i>								
		0 ... 15724800 s								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sspc gspc	setStaticPosCartesian getStaticPosCartesian	Position <i>Position</i>	<i>X</i>	<i>Y</i>	<i>Z</i>	<i>Datum</i>				
		+ Cartesian1 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	setStaticPosGeodetic getStaticPosGeodetic	Position <i>Position</i>	<i>Latitude</i>	<i>Longitude</i>	<i>Altitude</i>	<i>Datum</i>				
		+ Geodetic1 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				
stmp gtmp	setTimeLabParameters getTimeLabParameters	<i>LabName (40)</i>	<i>LabID (2)</i>	<i>RxID (2)</i>	<i>CalID (30)</i>	<i>CalRevDate (30)</i>	<i>TimeRef (30)</i>	<i>Comment (80)</i>		
sts gts	setTimingSystem getTimingSystem	<i>System</i>								
		GST GPS BeiDou								
stlp gtlp	setTrackingLoopParameters getTrackingLoopParameters	Signal <i>Signal</i>	<i>DLLBandwidth</i>	<i>PLLBandwidth</i>	<i>MaxTpDLL</i>	<i>MaxTpPLL</i>	<i>Adaptive</i>			
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GPSL1C + GLOL1CA + GLOL1P + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + BDSB2b + QZSL1CA + QZSL2C + QZSL5 + Reserved3 + QZSL1C + QZSL1S + NAVICLS all	0.01 ... 0.25 ... 5.00 Hz	1 ... 15 ... 100 Hz	1 ... 100 ... 500 ms	1 ... 10 ... 200 ms	off on			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
stm gtm	setTroposphereModel getTroposphereModel	<i>ZenithModel</i>	<i>MappingModel</i>							
		off Saastamoinen MOPS	Niell MOPS							
stp gtp	setTroposphereParameters getTroposphereParameters	<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 %						
sual gual	setUserAccessLevel getUserAccessLevel	<i>UserID</i> <i>UserID</i>	<i>UserName (16)</i>	<i>Password (32)</i>	<i>UserLevel</i>	<i>SSHKey (232)</i>				
		+ User1 ... User8 all			Viewer <u>User</u>					
sud gud	setUserDatum getUserDatum	<i>Datum</i> <i>Datum</i>	<i>Tx</i>	<i>Ty</i>	<i>Tz</i>	<i>Rx</i>	<i>Ry</i>	<i>Rz</i>	<i>D</i>	
		+ 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	<i>Datum</i> <i>Datum</i>	<i>TxVel</i>	<i>TyVel</i>	<i>TzVel</i>	<i>RxVel</i>	<i>RyVel</i>	<i>RzVel</i>	<i>DVel</i>	<i>RefYear</i>
		+ 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	<i>Datum</i> <i>Datum</i>	<i>A</i>	<i>Invf</i>						
		+ User1 + User2 all	6300000.000 ... 6378137.000 ... 6400000.000 m	290.000000000 ... 298.25722356 ... 305.000000000						
swui gwui	setWakeUpInterval getWakeUpInterval	<i>WakeUpTime (30)</i>	<i>AwakeDuration</i>	<i>RepetitionPeriod</i>						
		2000-01-01 00:00:00	0 ... 604800 s	0 ... 604800 s						
swbi gwbi	setWBIMitigation getWBIMitigation	<i>Mode</i>								
		off on								
swfa gwfa	setWiFiAccessPoint getWiFiAccessPoint	<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	lstWiFiAccessPoints	<i>Type</i>								
		+ Known + Reachable all								
swfm gwfm	setWiFiMode getWiFiMode	<i>Enable</i>	<i>Mode</i>							
		off on	<u>AccessPoint</u> Client							

SBF List

ASCIIn	BBSamples	BDSAlm
BDSIon	BDSNav	BDSRaw
BDSRawB1C	BDSRawB2a	BDSRawB2b
BDSUtc	BaseStation	BaseVectorCart
BaseVectorGeod	ChannelStatus	Commands
Comment	CosmosStatus	DOP
DiffCorrIn	DiskStatus	DynDNSStatus
EndOfMeas	EndOfPVT	ExtEvent
ExtEventBaseVectGeod	ExtEventPVTCartesian	ExtEventPVTGeodetic
GALAlm	GALGstGps	GALIon
GALNav	GALRawCNAV	GALRawFNAV
GALRawINAV	GALSARRLM	GALUtc
GEOAlm	GEOClockEphCovMatrix	GEOCorrections
GEODegrFactors	GEOFastCorr	GEOFastCorrDegr
GEOIGPMask	GEOIntegrity	GEOIonoDelay
GEOLongTermCorr	GEOMT00	GEONav
GEONetworkTime	GEOPRNMMask	GEORawL1
GEORawL5	GEOServiceLevel	GLOAlm
GLONav	GLORawCA	GLOTime
GPSAlm	GPSIon	GPSNav
GPSRawCA	GPSRawL1C	GPSRawL2C
GPSRawL5	GPSUtc	Group1
Group2	Group3	Group4
IPStatus	InputLink	LBAS1DecoderStatus
LBAS1Messages	LBandBeams	LBandTrackerStatus
LogStatus	Meas3CN0HiRes	Meas3Doppler
Meas3MP	Meas3PP	Meas3Ranges
MeasEpoch	MeasExtra	NAVICRaw
NTRIPClientStatus	NTRIPServerStatus	OutputLink
P2PPStatus	PVTCartesian	PVTGeodetic
PVTResiduals	PVTSatCartesian	PVTSupport
PVTSupportA	PosCart	PosCovCartesian
PosCovGeodetic	PosLocal	PosProjected
PowerStatus	QZSAlm	QZSNav
QZSRawL1C	QZSRawL1CA	QZSRawL1S
QZSRawL2C	QZSRawL5	QZSRawL6
QualityInd	RAIMStatistics	RFStatus
RTCMDatum	ReceiverSetup	ReceiverStatus
ReceiverTime	RxComponents	RxMessage
SatVisibility	SystemInfo	VelCovCartesian
VelCovGeodetic	WiFiAPStatus	WiFiClientStatus
xPPSOffset		