

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
sam gam	setAGCMode getAGCMode	Band <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+ L1 + L2 all	auto frozen manual	0 ... <u>35</u> ... 70 dB						
lai	lstAntennaInfo	Antenna								
		Overview Main Aux1 [antenna name]								
sat gat	setAntennaType getAntennaType	Antenna <i>Antenna</i>	<i>Type (20)</i>							
		+ Main + Aux1 all	Unknown							
sto gto	setAttitudeOffset getAttitudeOffset	<i>Heading</i>	<i>Pitch</i>							
		-360.000 ... <u>0.000</u> ... 360.000 deg	-90.000 ... <u>0.000</u> ... 90.000 deg							
sbbs gbbs	setBBSamplingMode getBBSamplingMode	<i>Mode</i>								
		<u>BeforeIM</u> AfterIM								
sca gca	setChannelAllocation getChannelAllocation	Channel <i>Channel</i>	<i>Satellite</i>	<i>Search</i>	<i>Doppler</i>	<i>Window</i>				
		+ Ch01 ... Ch40 all	auto G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C37 J01 ... J07	auto manual	-50000 ... <u>0</u> ... 50000 Hz	1 ... <u>16000</u> ... 100000 Hz				
scia gcia	setCheckInternetAvailability getCheckInternetAvailability	<i>Mode</i>								
		off on								
scst gcst	setClockSyncThreshold getClockSyncThreshold	<i>Threshold</i>								
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5								
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								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
scm gcm	setCN0Mask getCN0Mask	Signal <i>Signal</i>	Mask							
		+ GPSL1CA + Reserved2 + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C all	0 ... 10 ... 60 dB-Hz							
help	IstCommandHelp	Action (255)								
		Overview								
scs gcs	setCOMSettings getCOMSettings	Cd <i>Cd</i>	Rate	DataBits	Parity	StopBits	FlowControl			
		+ COM1 + COM2 + COM3 + COM4 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u> baud230400 baud460800 baud500000 baud576000 baud921600 baud1000000 baud1152000 baud1500000 baud2000000 baud2500000 baud3000000 baud3500000 baud4000000	<u>bits8</u>	<u>No</u>	<u>bit1</u>	<u>none</u> RTS CTS			
lcf	IstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	Mode								
		<u>off</u> on								
lcu	IstCurrentUser									
sdc gdc	setDaisyChainMode getDaisyChainMode	DC <i>DC</i>	Mode							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ DC1 + DC2 all	<u>Raw</u> ASCII							
sdio gdio	setDataInOut getDataInOut	Cd <i>Cd</i>	<i>Input</i>	<i>Output</i>	<i>Show</i>					
		+ DSK1 + COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIIN <u>auto</u>	none + <u>SBE</u> + <u>NMEA</u> + ASCIIDisplay + DC1 + DC2 + Encapsulate	(off) (on) (waiting)					
sdal gdal	setDefaultAccessLevel getDefaultAccessLevel	<i>Web</i>	<i>Dsk</i>	<i>Ip</i>	<i>Com</i>	<i>Usb</i>				
		none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>	none <u>Viewer</u> <u>User</u>				
sdca gdca	setDiffCorrMaxAge getDiffCorrMaxAge	<i>DGPSCorr</i>	<i>RTKCorr</i>	<i>PPPCorr</i>	<i>Iono</i>					
		0.0 ... 400.0 ... 3600.0 s	0.0 ... 20.0 ... 3600.0 s	0.0 ... 0.0 s	0.0 ... 600.0 ... 3600.0 s					
sdcu gdcu	setDiffCorrUsage getDiffCorrUsage	<i>Mode</i>	<i>MaxAge</i>	<i>BaseSelection</i>	<i>BaseID</i>	<i>MovingBase</i>	<i>MaxBase</i>	<i>MaxBaseline</i>		
		<u>LowLatency</u>	0.1 ... 3600.0 s	<u>auto</u> manual	0 ... 4095	<u>off</u>	2 ... 5 ... 10	0 ... 2500000 m		
sdfa gdfa	setDiskFullAction getDiskFullAction	Disk <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	lstDiskInfo	Disk	Directory (60)							
		DSK1 all								
sdds gd ds	setDynamicDNS getDynamicDNS	<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> Ethernet				
ee cm ge cm	exeEchoMessage getEchoMessage	Cd	Message (242)	EndOfLine						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 DC1 DC2	A:Unknown	none + CR + LF all						
sem gem	setElevationMask getElevationMask	Engine Engine	Mask							
		+ Tracking + PVT all	-90 ... 0 ... 90 deg							
smth gmth	setENHTransfoHorizontal getENHTransfoHorizontal	TransfoID TransfoID	DeltaE	DeltaN	E0	N0	AlphaEE	AlphaEN	AlphaNE	AlphaNN
		+ 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	setENHTransfoVertical getENHTransfoVertical	TransfoID TransfoID	DeltaH	E0	N0	AlphaHE	AlphaHN			
		+ 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	setEthernetMode getEthernetMode	Enable								
		off on								
sep gep	setEventParameters getEventParameters	Event Event	Polarity							
		+ EventA + EventB all	Low2High High2Low							
sfm gfm	setFileNaming getFileNaming	Cd Cd	NamingType	FileName (20)						
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfm gfm	setFrontendMode getFrontendMode	Mode								
		Nominal SingleAnt								
efup gfup	exeFTPUpgrade getFTPUpgrade	Server (32)	Path (64)	Login (12)	Password (24)					
				anonymous						
sgd ggd	setGeodeticDatum getGeodeticDatum	TargetDatum								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 <u>Default</u> User1 User2								
sgu ggu	setGeoidUndulation getGeoidUndulation	<i>Mode</i>	<i>Undulation</i>							
		<u>auto</u> manual	-250.000 ... <u>0.000</u> ... 250.000 m							
sfno gfno	setGlobalFileNamingOptions getGlobalFileNamingOptions	<i>BusyTag</i>								
		off <u>on</u>								
sgpf ggpf	setGPIOFunctionality getGPIOFunctionality	GPPin <i>GPPin</i>	<i>Mode</i>	<i>Input</i>	<i>Output</i>					
		+ GP1 + GP2 all	<u>Output</u>	<u>none</u>	<u>LevelLow</u> LevelHigh					
shm ghm	setHealthMask getHealthMask	Engine <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	off <u>on</u>							
shs ghs	setHttpsSettings getHttpsSettings	<i>Protocol</i>								
		+ HTTP + HTTPS all								
sio gio	setIMUOrientation getIMUOrientation	<i>OrientationMode</i>	<i>ThetaX</i>	<i>ThetaY</i>	<i>ThetaZ</i>					
		<u>SensorDefault</u> manual	-180.000 ... <u>0.000</u> ... 180.000 deg	-90.000 ... <u>0.000</u> ... 90.000 deg	-180.000 ... <u>0.000</u> ... 180.000 deg					
sial gial	setINSAntLeverArm getINSAntLeverArm	<i>X</i>	<i>Y</i>	<i>Z</i>						
		-100.000 ... <u>0.000</u> ... 100.000 m	-100.000 ... <u>0.000</u> ... 100.000 m	-100.000 ... <u>0.000</u> ... 100.000 m						
sinc ginc	setINSNavConfig getINSNavConfig	<i>Mode</i>	<i>OutputType</i>	<i>OutputLocation</i>						
		off <u>on</u>	none + PosStdDev + Att + AttStdDev + Vel + VelStdDev all	MainAnt <u>POI1</u>						
sipl gipl	setINSPOILeverArm getINSPOILeverArm	Option <i>Option</i>	<i>X</i>	<i>Y</i>	<i>Z</i>					
		+ POI1 all	-100.000 ... <u>0.000</u> ... 100.000 m	-100.000 ... <u>0.000</u> ... 100.000 m	-100.000 ... <u>0.000</u> ... 100.000 m					
sism gism	setINSStdDevMask getINSStdDevMask	<i>AttStdDev</i>	<i>PosStdDev</i>							
		0.000 ... <u>2.000</u> ... 5.000 deg	0.000 ... <u>100.000</u> m							
lif	lstInternalFile	File								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Permissions Identification Debug Error SisError DiffCorrError ExtSensorError SetupError IPParameters RxMessages								
sim gim	setlonosphereModel getlonosphereModel	<i>Model</i>								
		<u>auto</u> off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	setIPFiltering getIPFiltering	<i>Mode</i>	<i>AddrList (200)</i>							
		<u>off</u> on								
sipp gipp	setIPPortSettings getIPPortSettings	<i>Command</i>	<i>FTPControl</i>							
		1 ... 28784 ... 65535	1 ... 21 ... 65535							
sirs girs	setIPReceivSettings getIPReceivSettings	Cd <i>Cd</i>	<i>Port</i>	<i>Mode</i>	<i>TCPAddress (40)</i>					
		+ IPR1 + IPR2 + IPR3 all	0 ... 65535	<u>TCP2Way</u> UDP	<u>0.0.0.0</u>					
sis 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	<u>TCP</u> UDP TCP2Way	<u>255.255.255.255</u>					
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	<u>0.0.0.0</u>	<u>255.255.255.0</u>	<u>0.0.0.0</u>		<u>0.0.0.0</u>	<u>0.0.0.0</u>	0 ... 1500	
slm glm	setLEDMode getLEDMode	<i>GPLED</i>								
		DIFFCORLED PVTLED TRACKLED LOGLED								
slco glco	setLocalCoordOperation getLocalCoordOperation	<i>OpName (100)</i>	<i>ENHTransfo</i>							
		<u>NETWORK</u>	<u>none</u> It1							
llc	lstLocalCoordOperations	Operation								
		Overview								
login	Login	<i>UserName (16)</i>	<i>Password (32)</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
logout	LogOut									
smv gmv	setMagneticVariance getMagneticVariance	<i>Mode</i>	<i>Variance</i>							
		<u>auto</u> manual	-180.0 ... 0.0 ... 180.0 deg							
emd gmd	exeManageDisk getManageDisk	Disk	Action							
		<u>DSK1</u>	Unmount Mount Format							
smf gmf	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (</i>	<i>MarkerType (20)</i>						
		<u>SEPT</u>	<u>Unknown</u>	<u>Unknown</u>						
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>								
		<u>auto</u> VRS								
enoc gnoc	exeNMEAOnce getNMEAOnce	Cd	Messages							
		DSK1 <u>COM1</u> COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPSS IPR1 IPR2 IPR3	+ GGA + GLL + GNS + GST + HDT + RMC + VTG + ZDA + HRP + THS + PASHR							
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> DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3	<u>none</u> + GGA + GLL + GNS + GST + HDT + RMC + VTG + ZDA + HRP + THS + PASHR	<u>off</u> OnChange msec5 msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60				OnChange	
snp gnp	setNMEAPrecision getNMEAPrecision	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
		0 ... 2 ... 3	Nominal Mode1 Mode2	<u>off</u> only	0.000 ... 0.001 ... 1.000 m					
snti gnti	setNMEATalkerID getNMEATalkerID	<i>TalkerID</i>								
		<u>auto</u> GP								
snv gnv	setNMEAVersion getNMEAVersion	<i>Version</i>								
		<u>v3x</u> v4x								
snf gnf	setNotchFiltering getNotchFiltering	Notch <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>	<i>Antenna</i>				
		+ Notch1 + Notch2 + Notch3 all	auto <u>off</u> manual	1100.000 ... 1700.000 MHz	30 ... 1600 kHz	Main Aux1				
snts gnfs	setNtripSettings getNtripSettings	Cd <i>Cd</i>	<i>Mode</i>	<i>Caster (40)</i>	<i>Port</i>	<i>UserName (20)</i>	<i>Password (40)</i>	<i>MountPoint (32)</i>	<i>Version</i>	<i>SendGGA</i>
		+ NTR1 + NTR2 + NTR3 all	<u>off</u> Client		0 ... 2101 ... 65535				v1 <u>v2</u>	<u>auto</u> off sec1 sec5 sec10 sec60
Inst	IstNTRIPSourceTable	Caster (40)	<i>Port</i>							
			0 ... 2101 ... 65535							
sntt gnntt	setNtripTlsSettings getNtripTlsSettings	Cd <i>Cd</i>	<i>Enable</i>	<i>Fingerprint (96)</i>						
		+ NTR1 + NTR2 + NTR3 all	<u>off</u> on							
soc goc	setObserverComment getObserverComment	<i>Comment (120)</i>								
		<u>Unknown</u>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sop gop	setObserverParameters getObserverParameters	<i>Observer (20)</i>	<i>Agency (40)</i>							
		<u>Unknown</u>	<u>Unknown</u>							
spe gpe	setPeriodicEcho getPeriodicEcho	<i>Cd</i> <i>Cd</i>	<i>Message (201)</i>	<i>Interval</i>						
		+ 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						
spfw gpfw	setPortFirewall getPortFirewall	<i>Interface</i> <i>Interface</i>	<i>OpenPorts</i>	<i>PortList (100)</i>						
		+ Ethernet all	none <u>default</u> all PortList							
epwm gpwm	exePowerMode getPowerMode	<i>Mode</i>								
		<u>ScheduledSleep</u> StandBy								
spm gpm	setPVTMode getPVTMode	<i>Mode</i>	<i>RoverMode</i>							
		<u>Rover</u>	+ <u>StandAlone</u> + <u>SBAS</u> + <u>DGPS</u> + <u>RTKFloat</u> + <u>RTKFixed</u> + RTK all							
srl grl	setRAIMLevels getRAIMLevels	<i>Mode</i>	<i>Pfa</i>	<i>Pmd</i>	<i>Reliability</i>					
		off <u>on</u>	-12 ... <u>4</u> ... -1	-12 ... <u>4</u> ... -1	-12 ... <u>3</u> ... -1					
grc	getReceiverCapabilities									
srd grd	setReceiverDynamics getReceiverDynamics	<i>Level</i>	<i>Motion</i>							
		Max High <u>Moderate</u> Low	<u>Automotive</u> UAV							
gri	getReceiverInterface	<i>Item</i>								
		+ RxName + <u>SNMPLanguage</u> + <u>SNMPVersion</u> all								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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 + ExtSensorInt + GNSSAttitude + AmbGNSSAttitude all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft Hard Upgrade	none + Config + PVTData + SatData + IMUDData + HTTPSCertificate all							
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	PRCType	GLOToD	RTKVersion						
		Standard GroupDelay	Tk Tb	v2.1 v2.2orLater						
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								
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 + 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 ... C37 + J01 ... J07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssu gsu	setSatelliteUsage getSatelliteUsage	Satellite								
		none + G01 ... G32 + R01 ... R24 + R25 + R26 + R27 + R28 + R29 + R30 + E01 ... E36 + S120 ... S158 + C01 ... C37 + GPS + GLONASS + GALILEO + SBAS + BEIDOU all								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
ssbc gsbc	setSBASCorrections getSBASCorrections	<i>Satellite</i>	<i>SISMode</i>	<i>NavMode</i>	<i>DO229Version</i>					
		<i>auto</i> EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test <u>Operational</u>	<u>MixedSystems</u>	<i>auto</i> DO229C					
ssgp gsgp	setSBFGroups getSBFGroups	Group <i>Group</i>	<i>Messages</i>							
		+ Group1 + Group2 + Group3 + Group4 all	<i>none</i> [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Events + DiffCorr + ExtSensors + Status + PostProcess + Rinex + RinexMeas3 + Support							
esoc gsoc	exeSBFOnce getSBFOnce	Cd	Messages							
		DSK1 <u>COM1</u> COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPSS IPR1 IPR2 IPR3	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
ss0 gso	setSBFOutput getSBFOutput	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 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Event + DiffCorr + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support	off OnChange msec5 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 + GPSL2PY + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
snu gnu	setSignalUsage getSignalUsage	<i>PVT</i>	<i>NavData</i>							
		+ GPSL1CA + GPSL2PY + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I all	+ GPSL1CA + GPSL2PY + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C all							
ssi gsi	setSmoothingInterval getSmoothingInterval	<i>Signal</i> <i>Signal</i>	<i>Interval</i>	<i>Alignment</i>						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + GPSL2PY + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C all	0 ... 1000 s	0 ... 1000 s						
sts gts	setTimingSystem getTimingSystem	System								
		GST GPS BeiDou								
stm gtm	setTroposphereModel getTroposphereModel	ZenithModel	MappingModel							
		off Saastamoinen MOPS	Niell MOPS							
stp gtp	setTroposphereParameters getTroposphereParameters	Temperature	Pressure	Humidity						
		-100.0 ... 15.0 ... 100.0 degC	800.00 ... 1013.25 ... 1500.00 hPa	0 ... 50 ... 100 %						
suoc guoc	setUMSDOnConnect getUMSDOnConnect	Mode								
		off on								
sual gual	setUserAccessLevel getUserAccessLevel	UserID UserID	UserName (16)	Password (32)	UserLevel	SSHKey (232)				
		+ User1 ... User8 all			Viewer User					
sud gud	setUserDatum getUserDatum	Datum Datum	Tx	Ty	Tz	Rx	Ry	Rz	D	
		+ User1 + User2 all	-2000000.00 ... 0.00 ... 2000000.00 mm	-2000000.00 ... 0.00 ... 2000000.00 mm	-2000000.00 ... 0.00 ... 2000000.00 mm	-100.0000 ... 0.0000 ... 100.0000 mas	-100.0000 ... 0.0000 ... 100.0000 mas	-100.0000 ... 0.0000 ... 100.0000 mas	-100.00000 ... 0.00000 ... 100.00000 ppb	
sudv gudv	setUserDatumVel getUserDatumVel	Datum Datum	TxVel	TyVel	TzVel	RxVel	RyVel	RzVel	DVel	RefYear
		+ User1 + User2 all	-2000.00 ... 0.00 ... 2000.00 mm/yr	-2000.00 ... 0.00 ... 2000.00 mm/yr	-2000.00 ... 0.00 ... 2000.00 mm/yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-10.0000 ... 0.0000 ... 10.0000 mas/yr	-1.00000 ... 0.00000 ... 1.00000 ppb/yr	1900.00 ... 2000.00 ... 2100.00 yr
sue gue	setUserEllipsoid getUserEllipsoid	Datum Datum	A	Invf						
		+ User1 + User2 all	6300000.000 ... 6378137.000 ... 6400000.000 m	290.000000000 ... 298.25722356 ... 305.000000000						
swui gwui	setWakeUpInterval getWakeUpInterval	WakeUpTime (30)	AwakeDuration	RepetitionPeriod						
		2000-01-01 00:00:00	0 ... 604800 s	0 ... 604800 s						
swbi gwbi	setWBIMitigation getWBIMitigation	Mode								
		off on								

SBF List

ASCIIn	AttCovEuler	AttEuler
AuxAntPositions	BBSamples	BDSAlm
BDSIon	BDSNav	BDSRaw
BDSUtc	BaseStation	BaseVectorCart
BaseVectorGeod	ChannelStatus	Commands
Comment	DOP	DiffCorrIn
DiskStatus	DynDNSStatus	EndOfAtt
EndOfMeas	EndOfPVT	ExtEvent
ExtEventINSNavCart	ExtEventINSNavGeod	ExtSensorInfo
ExtSensorMeas	ExtSensorStatus	GALAlm
GALGstGps	GALIon	GALNav
GALRawINAV	GALSARRLM	GALUtc
GEOAlm	GEOClockEphCovMatrix	GEODegrFactors
GEOFastCorr	GEOFastCorrDegr	GEOIGPMask
GEOIntegrity	GEOIonoDelay	GEOLongTermCorr
GEOMT00	GEONav	GEONetworkTime
GEOPRNMMask	GEORawL1	GEOServiceLevel
GLOAlm	GLONav	GLORawCA
GLOTime	GPSAlm	GPSIon
GPSNav	GPSRawCA	GPSRawL2C
GPSUtc	Group1	Group2
Group3	Group4	IMUSetup
INSNavCart	INSNavGeod	INSSupport
IPStatus	InputLink	Meas3CN0HiRes
Meas3Doppler	Meas3MP	Meas3PP
Meas3Ranges	MeasEpoch	MeasExtra
NTRIPClientStatus	OutputLink	PVTCartesian
PVTGeodetic	PVTSupport	PVTSupportA
PosCart	PosCovCartesian	PosCovGeodetic
PosLocal	PosProjected	QZSAlm
QZSNav	QZSRawL1CA	QZSRawL2C
QualityInd	RFStatus	RTCMDatum
ReceiverSetup	ReceiverStatus	ReceiverTime
RxMessage	SatVisibility	VelCovCartesian
VelCovGeodetic	xPPSOffset	