

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	Band <i>Band</i>	<i>Mode</i>	<i>Gain</i>						
		+ L1 + L2 + L5 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	<u>Unknown</u>							
sav gav	setAntennaVoltage getAntennaVoltage	<i>Voltage</i>								
		<u>volts3.3</u> volts5.0								
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 ... Ch60 all	auto G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C63 J01 ... J07	auto manual	-50000 ... <u>0</u> ... 50000 Hz	1 ... <u>16000</u> ... 100000 Hz				
scia gcia	setCheckInternetAvailability getCheckInternetAvailability	<i>Mode</i>								
		<u>off</u> on								
scst gcst	setClockSyncThreshold getClockSyncThreshold	<i>Threshold</i>								
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5								
sc2u gc2u	setCMRv2Usage getCMRv2Usage	<i>MsgUsage</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		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 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + QZSL1CA + QZSL2C + QZSL5 all	0 ... <u>10</u> ... 60 dB-Hz							
help	IstCommandHelp	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>			
		+ COM1 + COM2 + COM3 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 <u>baud115200</u> baud230400	<u>bits8</u>	No	<u>bit1</u>	<u>none</u> RTS CTS			
lcf	IstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf gcf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	Mode								
		off on								
lcu	IstCurrentUser									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sdc gdc	setDaisyChainMode getDaisyChainMode	DC <i>DC</i>	<i>Mode</i>							
		+ DC1 + DC2 all	<i>Raw</i> <i>ASCII</i>							
sdio gdio	setDataInOut getDataInOut	Cd <i>Cd</i>	<i>Input</i>	<i>Output</i>	<i>Show</i>					
		+ DSK1 + COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 NMEA ASCIIIN <u>auto</u>	none + <u>SBF</u> + <u>NMEA</u> + ASCIIIDisplay + DC1 + DC2 + Encapsulate	(<u>off</u>) (on) (waiting)					
sdal gdal	setDefaultAccessLevel getDefaultAccessLevel	<i>Web</i>	<i>FileTransfer</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>DGPS</i> <i>Corr</i>	<i>RTK</i> <i>Corr</i>	<i>PPP</i> <i>Corr</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>					
		<u>LowLatency</u>	0.1 ... 3600.0 s	<u>auto</u> manual	0 ... 4095					
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				
eecc gecc	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 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5 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							
sfn gfn	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 ... 0.000 ... 250.000 m							
sfno gfno	setGlobalFileNamingOptions getGlobalFileNamingOptions	<i>BusyTag</i>								
		off <u>on</u>								
sga gga	setGNSSAttitude getGNSSAttitude	<i>Source</i>								
		none <u>MultiAntenna</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>	LevelLow 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 ... 0.000 ... 180.000 deg	-90.000 ... 0.000 ... 90.000 deg	-180.000 ... 0.000 ... 180.000 deg					
sial gial	setINSAntLeverArm getINSAntLeverArm	X	Y	Z						
		-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m						
siih giih	setINSInitialHeading getINSInitialHeading	<i>Mode</i>								
		auto stored								
sinc ginc	setINSNavConfig getINSNavConfig	<i>Mode</i>	<i>OutputType</i>	<i>OutputLocation</i>						
		off <u>on</u>	none + <u>PosStdDev</u> + <u>Att</u> + <u>AttStdDev</u> + <u>Vel</u> + <u>VelStdDev</u> all	MainAnt <u>POI1</u>						
sipl gipl	setINSPOILeverArm getINSPOILeverArm	POI <i>POI</i>	X	Y	Z					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ POI1 all	-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m					
sism gism	setINSStdDevMask getINSStdDevMask	AttStdDev	PosStdDev							
		0.000 ... 2.000 ... 5.000 deg	0.000 ... 100.000 m							
sivl givl	setINSVelSensorLeverArm getINSVelSensorLeverArm	SensorId SensorId	X	Y	Z					
		+ VSM1 all	-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m	-100.000 ... 0.000 ... 100.000 m					
lif	IstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError ExtSensorError SetupError IPParameters RxMessages								
sim gim	setlonosphereModel getlonosphereModel	Model								
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	setIPFiltering getIPFiltering	Mode	AddrList (200)							
		off on								
sipp gipp	setIPPortSettings getIPPortSettings	Command	FTPControl							
		1 ... 28784 ... 65535	1 ... 21 ... 65535							
sirs girs	setIPReceiveSettings getIPReceiveSettings	Cd Cd	Port	Mode	TCPAddress (40)					
		+ IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	0 ... 65535	TCP2Way UDP	0.0.0.0					
sisss giss	setIPServerSettings getIPServerSettings	Cd Cd	Port	Mode	UDPAddress (200)					
		+ IPS1 + IPS2 + IPS3 + IPS4 + IPS5 all	0 ... 65535	TCP UDP TCP2Way	255.255.255.255					
sips gips	setIPSettings getIPSettings	Mode	IP (16)	Netmask (16)	Gateway (16)	Domain (63)	DNS1 (16)	DNS2 (16)	MTU	
		DHCP Static	0.0.0.0	255.255.255.0	0.0.0.0		0.0.0.0	0.0.0.0	0 ... 1500	
slco glco	setLocalCoordOperation getLocalCoordOperation	OpName (100)	ENHTransfo							
		NETWORK	none It1							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
llc	IstLocalCoordOperations	Operation								
		Overview								
login	LogIn	<i>UserName (16)</i>	<i>Password (32)</i>							
logout	LogOut									
smv gmv	setMagneticVariance getMagneticVariance	<i>Mode</i>	<i>Variation</i>							
		<u>auto</u> manual	-180.0 ... <u>0.0</u> ... 180.0 deg							
emd gmd	exeManageDisk getManageDisk	Disk	Action							
		DSK1	Unmount Mount Format							
smp gmp	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (</i>	<i>MarkerType (20)</i>						
		SEPT	Unknown	Unknown						
smrf gmrf	setMeas3MaxRefInterval getMeas3MaxRefInterval	<i>MaxIntrvl</i>								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	IstMIBDescription	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							

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 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	+ GGA + GLL + <u>GNS</u> + 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>					
		+ Stream1 ... Stream10 all	<u>none</u> DSK1 COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	<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					
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>					
		+ Notch1 + Notch2 + Notch3 all	<u>auto</u> off manual	<u>1100.000</u> ... 1700.000 MHz	<u>30</u> ... 1600 kHz					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sntp gntp	setNTPServer getNTPServer	<i>Enable</i>								
		<i>off</i> <i>on</i>								
snts gnts	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	<i>off</i> Client		0 ... 2101 ... 65535				v1 v2	auto off sec1 sec5 sec10 sec60
Inst	IstNTRIPSourceTable	Caster (40)	<i>Port</i>							
			0 ... 2101 ... 65535							
sntt gnnt	setNtripTlsSettings getNtripTlsSettings	Cd <i>Cd</i>	<i>Enable</i>	<i>Fingerprint (96)</i>						
		+ NTR1 + NTR2 + NTR3 all	<i>off</i> on							
soc goc	setObserverComment getObserverComment	<i>Comment (120)</i>								
		Unknown								
sop gop	setObserverParameters getObserverParameters	<i>Observer (20)</i>	<i>Agency (40)</i>							
		Unknown	Unknown							
spe gpe	setPeriodicEcho getPeriodicEcho	Cd <i>Cd</i>	<i>Message (201)</i>	<i>Interval</i>						
		+ COM1 + COM2 + COM3 all	A:Unknown	<i>off</i> once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
spfw gpfw	setPortFirewall getPortFirewall	Interface <i>Interface</i>	<i>OpenPorts</i>	<i>PortList (100)</i>						
		+ Ethernet all	none default all PortList							
epwm gpwm	exePowerMode getPowerMode	Mode								
		ScheduledSleep StandBy								
spps gpss	setPPSPParameters getPPSPParameters	<i>Interval</i>	<i>Polarity</i>	<i>Delay</i>	<i>TimeScale</i>	<i>MaxSyncAge</i>	<i>PulseWidth</i>			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 sec1 sec2 sec5 sec10	<u>Low2High</u> High2Low	-1000000.00 ... 0.00 ... 1000000.00 ns	<u>TimeSys</u> UTC RxClock GLONASS	0 ... 3600 s	0.001 ... 5.000 ... 1000.000 ms			
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 ... -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	<u>Automotive</u> UAV							
gri	getReceiverInterface	<i>Item</i>								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	lstRecordedFile	<i>Disk</i>	<i>FileName (60)</i>							
		DSK1								
era gra	exeRegisteredApplications getRegisteredApplications	<i>Cd</i> <i>Cd</i>	<i>Application (12)</i>							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 all	<u>Unknown</u>							
erf grf	exeRemoveFile getRemoveFile	<i>Disk</i>	<i>FileName (200)</i>							
		<u>DSK1</u>	<u>none</u> all							
ernf grnf	exeResetNavFilter getResetNavFilter	<i>Level</i>								

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		+ <u>PVT</u> + <u>AmbRTK</u> + <u>ExtSensorInt</u> + <u>GNSSAttitude</u> + <u>AmbGNSSAttitude</u> all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft Hard Upgrade	<u>none</u> + Config + PVTData + SatData + IMUDData + HTTPSCertificate all							
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<i>PRCType</i>	<i>GLOToD</i>	<i>RTKVersion</i>						
		Standard GroupDelay	Tk Tb	v2.1 <u>v2.2orLater</u>						
sr2u gr2u	setRTCMv2Usage getRTCMv2Usage	<i>MsgUsage</i>								
		<u>none</u> + <u>RTCM1</u> + <u>RTCM3</u> + <u>RTCM9</u> + <u>RTCM15</u> + <u>RTCM18 19</u> + <u>RTCM20 21</u> + <u>RTCM22</u> + <u>RTCM23 24</u> + <u>RTCM31</u> + <u>RTCM32</u> + <u>RTCM34</u> + <u>RTCM17</u> + <u>RTCM59</u> all								
sr3t gr3t	setRTCMv3CRSTransfo getRTCMv3CRSTransfo	<i>Mode</i>	<i>TargetName (32)</i>							
		auto manual								
sr3u gr3u	setRTCMv3Usage getRTCMv3Usage	<i>MsgUsage</i>								

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		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	<i>Satellite</i>								
		none + G01 ... G32 + R01 ... R30 + E01 ... E36 + S120 ... S158 + C01 ... C37 + C38 ... C63 + J01 ... J07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssu gsu	setSatelliteUsage getSatelliteUsage	<i>Satellite</i>								
		none + G01 ... G32 + R01 ... R24 + R25 + R26 + R27 + R28 + R29 + R30 + E01 ... E36 + S120 ... S158 + C01 ... C63 + 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 + INSCalibration							
esoc gsoc	exeSBFOnce getSBFOnce	Cd	Messages							
		DSK1 COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPSS IPR1 IPR2 IPR3 IPR4 IPR5	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
sso 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 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEtra + Attitude + Time + Event + DiffCorr + ExtSensors + Status + UserGroups + PostProcess + Rinex + RinexMeas3 + Support + INSCalibration	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>								
		+ <u>GPSL1CA</u> + <u>GPSL2PY</u> + <u>GPSL2C</u> + GPSL5 + <u>GLOL1CA</u> + GLOL2P + <u>GLOL2CA</u> + <u>GALL1BC</u> + <u>GALE5a</u> + <u>GALE5b</u> + GALE5 + <u>GEOL1</u> + GEOL5 + <u>BDSB1I</u> + <u>BDSB2I</u> + BDSB3I + <u>QZSL1CA</u> + <u>QZSL2C</u> + QZSL5 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS 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 +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I all	+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 all							
ssi gsi	setSmoothingInterval getSmoothingInterval	Signal Signal	Interval	Alignment						
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 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					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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								

SBF List

ASCIIIn	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	GALLon	GALNav
GALRawFNAV	GALRawINAV	GALSARRLM
GALUtc	GEOAlm	GEOClockEphCovMatrix
GEODegrFactors	GEOFastCorr	GEOFastCorrDegr
GEOIGPMask	GEOIntegrity	GEOIonoDelay
GEOLongTermCorr	GEOMT00	GEONav
GEONetworkTime	GEOPRNMMask	GEORawL1
GEORawL5	GEOServiceLevel	GLOAlm
GLONav	GLORawCA	GLOTime
GPSAlm	GPSIon	GPSNav
GPSRawCA	GPSRawL2C	GPSRawL5
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	PowerStatus
QZSAlm	QZSNav	QZSRawL1CA
QZSRawL2C	QZSRawL5	QualityInd
RFStatus	RTCMDatum	ReceiverSetup
ReceiverStatus	ReceiverTime	RxMessage
SatVisibility	VelCovCartesian	VelCovGeodetic
VelSensorSetup	xPPSOffset	