

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 Band	Mode	Gain						
		+ 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 Antenna	Type (20)							
		+ Main + Aux1 all	Unknown							
sto gto	setAttitudeOffset getAttitudeOffset	Heading	Pitch							
		-360.000 ... 0.000 ... 360.000 deg	-90.000 ... 0.000 ... 90.000 deg							
sbbs gbbs	setBBSamplingMode getBBSamplingMode	Mode								
		BeforeIM AfterIM								
sca gca	setChannelAllocation getChannelAllocation	Channel Channel	Satellite	Search	Doppler	Window				
		+ 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	Mode								
		off on								
scst gcst	setClockSyncThreshold getClockSyncThreshold	Threshold								
		ClockSteering <u>usec500</u> msec1 msec2 msec3 msec4 msec5								
sc2u gc2u	setCMRv2Usage getCMRv2Usage	MsgUsage								

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 + BDSB11 + BDSB21 + BDSB31 + QZSL1CA + QZSL2C + QZSL5 all	0 ...10 ...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 + 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							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>Current</u> Boot User1 User2 RxDefault	<u>Current</u> Boot User1 User2							
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	<i>Mode</i>								
		<u>off</u> on								
lcu	IstCurrentUser									
sdcm gdc	setDaisyChainMode getDaisyChainMode	<i>DC</i> <i>DC</i>	<i>Mode</i>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII							
sdio gdio	setDataInOut getDataInOut	<i>Cd</i> <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 + IPR4 + IPR5 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 NMEA ASCIIIN <u>auto</u>	none + <u>SBF</u> + NMEA + 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>PPPC</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	<i>Disk</i> <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	IstDiskInfo	<i>Disk</i>	<i>Directory (60)</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DSK1 all								
sdds gdds	setDynamicDNS getDynamicDNS	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40)</i>	<i>Hostname (40)</i>	<i>Bind</i>				
		off dyndns.org no-ip.com				auto Ethernet				
eeem gecm	exeEchoMessage getEchoMessage	<i>Cd</i>	<i>Message (242)</i>	<i>EndOfLine</i>						
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5 DC1 DC2	A:Unknown	none + CR + LF all						
sem gem	setElevationMask getElevationMask	<i>Engine</i> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	-90 ... 0 ... 90 deg							
smth gmth	setENHTransfoHorizontal getENHTransfoHorizontal	<i>TransfoID</i> <i>TransfoID</i>	<i>DeltaE</i>	<i>DeltaN</i>	<i>E0</i>	<i>N0</i>	<i>AlphaEE</i>	<i>AlphaEN</i>	<i>AlphaNE</i>	<i>AlphaNN</i>
		+ lt1 all	-250.0000 ... 0.0000 ... 250.0000 m	-250.0000 ... 0.0000 ... 250.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 ppm	-1000.0000 ... 0.0000 ... 1000.0000 ppm	-1000.0000 ... 0.0000 ... 1000.0000 ppm	-1000.0000 ... 0.0000 ... 1000.0000 ppm
smtv gmtv	setENHTransfoVertical getENHTransfoVertical	<i>TransfoID</i> <i>TransfoID</i>	<i>DeltaH</i>	<i>E0</i>	<i>N0</i>	<i>AlphaHE</i>	<i>AlphaHN</i>			
		+ lt1 all	-250.0000 ... 0.0000 ... 250.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 ppm	-1000.0000 ... 0.0000 ... 1000.0000 ppm			
seth geth	setEthernetMode getEthernetMode	<i>Enable</i>								
		off on								
sep gep	setEventParameters getEventParameters	<i>Event</i> <i>Event</i>	<i>Polarity</i>							
		+ EventA + EventB all	Low2High High2Low							
sfn gfn	setFileNaming getFileNaming	<i>Cd</i> <i>Cd</i>	<i>NamingType</i>	<i>FileName (20)</i>						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ DSK1 all	<u>FileName</u> Incremental IGS15M IGS1H IGS6H IGS24H	<u>log</u>						
sfm gfm	setFrontendMode getFrontendMode	<i>Mode</i>								
		<u>Nominal</u> SingleAnt								
efup gfup	exeFTPUpgrade getFTPUpgrade	Server (32)	Path (64)	Login (12)	Password (24)					
				<u>anonymous</u>						
lopk	IstGalOSNMAPublicKeys									
sopk gopk	setGalOSNMAPublicKeys getGalOSNMAPublicKeys	ID <i>ID</i>	Key (233)							
		+ Key0 ... Key15 all								
sou gou	setGalOSNMAUsage getGalOSNMAUsage	<i>Mode</i>	<i>MTRoot (65)</i>							
		<u>off</u> loose strict								
sgd ggd	setGeodeticDatum getGeodeticDatum	<i>TargetDatum</i>								
		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>								
		<u>off</u> <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>	<u>LevelLow</u> LevelHigh					
shm ghm	setHealthMask getHealthMask	Engine <i>Engine</i>	<i>Mask</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+Tracking +PVT all	off <u>on</u>							
shs ghs	setHttpsSettings getHttpsSettings	Protocol								
		+HTTP +HTTPS all								
sio gio	setIMUOrientation getIMUOrientation	OrientationMode	ThetaX	ThetaY	ThetaZ					
		SensorDefault 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	Mode								
		auto stored								
sinc ginc	setINSNavConfig getINSNavConfig	Mode	OutputType	OutputLocation						
		off <u>on</u>	none + PosStdDev + Att + AttStdDev + Vel + VelStdDev all	MainAnt POI1						
sipl gipl	setINSPOILeverArm getINSPOILeverArm	POI POI	X	Y	Z					
		+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	lstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError ExtSensorError SetupError IPPParameters RxMessages								
sim gim	setlonosphereModel getlonosphereModel	Model								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		auto off Klobuchar SBAS MultiFreq KlobucharBeiDou								
sipf gipf	setIPFiltering getIPFiltering	Mode	AddrList (200)							
		off on								
sipk gipk	setIPKeepAlive getIPKeepAlive	Enable	IdleTime	Interval	MaxCount					
		off on	15 ... 18000 s	1 ... 3600 s	1 ... 15 ... 3600					
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					
siss 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	
slm glm	setLEDMode getLEDMode	GPLED								
		DIFFCORLED PVTLED TRACKLED LOGLED								
sico glco	setLocalCoordOperation getLocalCoordOperation	OpName (100)	ENHTransfo							
		NETWORK none It1								
llc	IstLocalCoordOperations	Operation								
		Overview								
login	LogIn	UserName (16)	Password (32)							

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>Variation</i>							
		auto manual	-180.0 ... 0.0 ... 180.0 deg							
emd gmd	exeManageDisk getManageDisk	<i>Disk</i>	<i>Action</i>							
		DSK1	Unmount Mount Format							
smp gmp	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (10)</i>	<i>MarkerType (20)</i>						
		SEPT	Unknown	Unknown						
smrf gmrf	setMeas3MaxRefInterval getMeas3MaxRefInterval	<i>MaxIntrvl</i>								
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	lstmibDescription	<i>File (255)</i>								
		Overview SBFTable								
smm gmm	setMultipathMitigation getMultipathMitigation	<i>Code</i>	<i>Carrier</i>							
		off on	off on							
snrc gnrc	setNetworkRTKConfig getNetworkRTKConfig	<i>NetworkType</i>								
		auto VRS								
enoc gnoc	exeNMEAOnce getNMEAOnce	<i>Cd</i>	<i>Messages</i>							
		DSK1 COM1 COM2 COM3 COM4 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	<i>Stream</i> <i>Stream</i>	<i>Cd</i>	<i>Messages</i>	<i>Interval</i>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ Stream1 Stream10 all	... <u>none</u> DSK1 COM1 COM2 COM3 COM4 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	<u>Nominal</u> Mode1 Mode2 Mode3	<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					
snc gnc	setNtpClient getNtpClient	<i>Mode</i>	<i>Server (40)</i>							
		on <u>off</u>	<u>default</u>							
sntp gntp	setNTPServer getNTPServer	<i>Enable</i>								
		<u>off</u> on								
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	<u>off</u> Client		0 ... <u>2101</u> ... 65535				v1 <u>v2</u>	<u>auto</u> off sec1 sec5 sec10 sec60
Inst	IstNTRIPSourceTable	Caster (40)	<i>Port</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
			0 ... 2101 ... 65535							
sntt gntt	setNtripTlsSettings getNtripTlsSettings	Cd Cd	Enable	Fingerprint (96)						
		+ NTR1 + NTR2 + NTR3 all	off on							
soc goc	setObserverComment getObserverComment	Comment (120)								
		Unknown								
sop gop	setObserverParameters getObserverParameters	Observer (20)	Agency (40)							
		Unknown	Unknown							
spe gpe	setPeriodicEcho getPeriodicEcho	Cd Cd	Message (201)	Interval						
		+ COM1 + COM2 + COM3 + COM4 all	A:Unknown	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
spfw gpfw	setPortFirewall getPortFirewall	Interface Interface	OpenPorts	PortList (100)						
		+ Ethernet all	none default all PortList							
epwm gpwm	exePowerMode getPowerMode	Mode								
		ScheduledSleep StandBy								
sps2 gps2	setPPS2Parameters getPPS2Parameters	Interval	Polarity	Delay	TimeScale	MaxSyncAge	PulseWidth			
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 sec1 sec2 sec4 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 ... 0.00 ... 1000000.00 ns	GPS Galileo BeiDou GLONASS UTC RxClock	0 ... 60 ... 3600 s	0.001 ... 5.000 ... 1000.000 ms			
spps gpsps	setPPSParameters getPPSParameters	Interval	Polarity	Delay	TimeScale	MaxSyncAge	PulseWidth			

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 sec4 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 ... 0.00 ... 1000000.00 ns	GPS Galileo BeiDou GLONASS UTC RxClock	0 ... 3600 s	0.001 ... 5.000 ... 1000.000 ms			
spm gpm	setPVTMode getPVTMode	Mode	RoverMode							
		Rover	+ StandAlone + SBAS + DGPS + RTKFloat + RTKFixed + RTK all							
srl grl	setRAIMLevels getRAIMLevels	Mode	Pfa	Pmd	Reliability					
		off on	-12 ... -4 ... -1	-12 ... -4 ... -1	-12 ... -3 ... -1					
grc	getReceiverCapabilities									
srd grd	setReceiverDynamics getReceiverDynamics	Level	Motion							
		Max High Moderate Low	Automotive UAV							
gri	getReceiverInterface	Item								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	lstRecordedFile	Disk	FileName (60)							
		DSK1								
era gra	exeRegisteredApplications getRegisteredApplications	Cd Cd	Application (12)							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 all	Unknown							
erf grf	exeRemoveFile getRemoveFile	Disk	FileName (200)							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>DSK1</u>	<u>none</u> all							
ernf grnf	exeResetNavFilter getResetNavFilter	Level								
		+ <u>PVT</u> + <u>AmbRTK</u> + <u>ExtSensorInt</u> + <u>GNSSAttitude</u> + <u>AmbGNSSAttitude</u> all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft <u>Hard</u> Upgrade	<u>none</u> + Config + PVTData + SatData + IMUData + HTTPSCertificate + SISAuthData all							
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<u>PRCType</u>	<u>GLOToD</u>	<u>RTKVersion</u>						
		<u>Standard</u> GroupDelay	<u>Tk</u> <u>Tb</u>	v2.1 <u>v2.2orLater</u>						
sr2u gr2u	setRTCMv2Usage getRTCMv2Usage	<u>MsgUsage</u>								
		none + <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	<u>Mode</u>	<u>TargetName (32)</u>							
		auto manual								
sr3u gr3u	setRTCMv3Usage getRTCMv3Usage	<u>MsgUsage</u>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		none + RTCM1001 ... <u>RTCM1013</u> + RTCM1015 + RTCM1016 + RTCM1017 + RTCM1019 ... <u>RTCM1027</u> + RTCM1029 + RTCM1033 + RTCM1037 + RTCM1038 + RTCM1039 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 ... <u>RTCM1077</u> + RTCM1081 ... <u>RTCM1087</u> + RTCM1091 ... <u>RTCM1097</u> + RTCM1111 ... <u>RTCM1117</u> + RTCM1121 ... <u>RTCM1127</u> + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all								
sst	setSatelliteTracking	<i>Satellite</i>								
gst	getSatelliteTracking									
		none + G01 ... <u>G32</u> + R01 ... <u>R30</u> + E01 ... <u>E36</u> + S120 ... <u>S158</u> + C01 ... <u>C63</u> + J01 ... <u>J07</u> + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssu	setSatelliteUsage	<i>Satellite</i>								
gsu	getSatelliteUsage									

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 + J01 ... J07 + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssbc gsbc	setSBASCORRECTIONS getSBASCORRECTIONS	<i>Satellite</i>	<i>SISMode</i>	<i>NavMode</i>	<i>DO229Version</i>					
		auto EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test <u>Operational</u>	<u>MixedSystems</u>	auto DO229C					
ssgp gsgp	setSBFGROUPS getSBFGROUPS	<i>Group</i> <i>Group</i>	<i>Messages</i>							
		+ Group1 + Group2 + Group3 + Group4 all	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Events + DiffCorr + ExtSensors + Status + PostProcess + Rinex + RinexMeas3 + Support + INSCalibration							
esoc gsoc	exeSBFOnce getSBFOnce	<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 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 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	setSBFOutput	Stream	Cd	Messages	Interval					
gso	getSBFOutput	Stream								
		+ 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 IPR4 IPR5	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 + 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	setSignalTracking	Signal								
gnt	getSignalTracking									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS all								
snu	setSignalUsage	PVT	NavData							
gnu	getSignalUsage									
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 all	+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GALL1BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +QZSL1CA +QZSL2C +QZSL5 all							
ssi	setSmoothingInterval	Signal	Interval	Alignment						
gsi	getSmoothingInterval	Signal								

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 +QZSL1CA +QZSL2C +QZSL5 all	0 ... 1000 s	0 ... 1000 s						
sis gts	setTimingSystem getTimingSystem	System								
		Galileo GPS BeiDou auto								
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								
suia guia	setUSBInternetAccess getUSBInternetAccess	Enable								
		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						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ User1 + User2 all	6300000.000 ...6378137.000 ...6400000.000 m	290.000000000 ...298.25722356 ...305.00000000						
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
 AuxAntPositions
 BDSIon
 BDSUtc
 BaseVectorGeod
 Comment
 DiskStatus
 EndOfMeas
 ExtEventINSNavCart
 ExtSensorMeas
 GALAuthStatus
 GALNav
 GALSARRLM
 GEOClockEphCovMatrix
 GEOFastCorrDegr
 GEOLonoDelay
 GEONav
 GEORawL1
 GLOAlm
 GLOTime
 GPSNav
 GPSRawL5
 Group2
 IMURawSamples
 INSNavGeod
 InputLink
 Meas3MP
 MeasEpoch
 OutputLink
 PVTSupport
 PosCovCartesian
 PosProjected
 QZSRawL1CA
 QualityInd
 ReceiverSetup
 RxMessage
 VelCovGeodetic

AttCovEuler
 BBSamples
 BDSNav
 BaseStation
 ChannelStatus
 DOP
 DynDNSStatus
 EndOfPVT
 ExtEventINSNavGeod
 ExtSensorStatus
 GALGstGps
 GALRawFNAV
 GALUtc
 GEODegrFactors
 GEOIGPMask
 GEOLongTermCorr
 GEONetworkTime
 GEORawL5
 GLONav
 GPSAlm
 GPSRawCA
 GPSUtc
 Group3
 IMUSetup
 INSSupport
 Meas3CN0HiRes
 Meas3PP
 MeasExtra
 PVTCartesian
 PVTSupportA
 PosCovGeodetic
 QZSAlm
 QZSRawL2C
 RFStatus
 ReceiverStatus
 SatVisibility
 VelSensorSetup

AttEuler
 BDSAlm
 BDSRaw
 BaseVectorCart
 Commands
 DiffCorrIn
 EndOfAtt
 ExtEvent
 ExtSensorInfo
 GALAlm
 GALLon
 GALRawINAV
 GEOAlm
 GEOFastCorr
 GEOIntegrity
 GEOMT00
 GEOPRNMMask
 GEOServiceLevel
 GLORawCA
 GPSIon
 GPSRawL2C
 Group1
 Group4
 INSNavCart
 IPStatus
 Meas3Doppler
 Meas3Ranges
 NTRIPClientStatus
 PVTGeodetic
 PosCart
 PosLocal
 QZSNav
 QZSRawL5
 RTCMDatum
 ReceiverTime
 VelCovCartesian
 xPPSOffset