

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 Band	Mode	Gain						
		+ L1 + L2 all	auto frozen manual	0 ... <u>35</u> ... 70 dB						
lai	lstAntennaInfo	Antenna								
		Overview Main Aux1 [antenna name]								
sal gal	setAntennaLocation getAntennaLocation	Antenna Antenna	Mode	DeltaX	DeltaY	DeltaZ				
		+ Aux1 + Base all	auto manual	-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				
sao gao	setAntennaOffset getAntennaOffset	Antenna Antenna	DeltaE	DeltaN	DeltaU	Type (20)	SerialNr (20)	SetupID		
		+ Main + Aux1 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	Unknown	Unknown	0 ... 255		
sav gav	setAntennaVoltage getAntennaVoltage	Voltage								
		<u>volts3.3</u> volts5.0								
sto gto	setAttitudeOffset getAttitudeOffset	Heading	Pitch							
		-360.000 ... <u>0.000</u> ... 360.000 deg	-90.000 ... <u>0.000</u> ... 90.000 deg							
sbbs gbbs	setBBSamplingMode getBBSamplingMode	Mode								
		<u>BeforeIM</u> AfterIM								
sca gca	setChannelAllocation getChannelAllocation	Channel Channel	Satellite	Search	Doppler	Window				
		+ Ch01 ... Ch40 all	auto G01 ... G32 F01 ... F14 E01 ... E36 S120 ... S158 C01 ... C37 J01 ... J07	auto manual	-50000 ... 0 ... 50000 Hz	1 ... 16000 ... 100000 Hz				
scia gcia	setCheckInternetAvailability getCheckInternetAvailability	Mode								
		<u>off</u> on								
eccd gccd	exeClearCollectDatabase getClearCollectDatabase	CollectDB								
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
scst gcst	setClockSyncThreshold getClockSyncThreshold	Threshold								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5								
sc2f gc2f	setCMRv2Formatting getCMRv2Formatting	<i>ReferenceID</i>								
		0 ... 31								
sc2i gc2i	setCMRv2Interval getCMRv2Interval	Message <i>Message</i>	<i>Interval</i>							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 ... 1.0 ... 600.0 s							
sc2m gc2m	setCMRv2Message2 getCMRv2Message2	<i>ShortID (8)</i>	<i>LongID (50)</i>	<i>COGO (16)</i>						
		Unknown	Unknown	Unknown						
sc2o gc2o	setCMRv2Output getCMRv2Output	Cd <i>Cd</i>	<i>Messages</i>							
		+ COM1 + COM2 + COM3 + 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 + Reserved2 + GPSL2C + GLOL1CA + GLOL2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C all	0 ... 10 ... 60 dB-Hz							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
scdd gcdd	setCollectDBAppData getCollectDBAppData	CollectDB <i>CollectDB</i>	<i>AppParams1 (25)</i>	<i>AppParams2 (25)</i>	<i>AppParams3 (25)</i>	<i>AppParams4 (25)</i>				
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
scdt gcdt	setCollectDBAttributes getCollectDBAttributes	Attribute <i>Attribute</i>	<i>CollectDB</i>	<i>Name (40)</i>	<i>Value (40)</i>					
		+ Attr1 ... Attr20 all	<i>none</i> + CollectDB1 + CollectDB2 + CollectDB3							
scdo gcdo	setCollectDBProperties getCollectDBProperties	CollectDB <i>CollectDB</i>	<i>Name (50)</i>							
		+ CollectDB1 + CollectDB2 + CollectDB3 all								
lci	lstCollectedItems	Item	<i>Attributes (255)</i>							
		<i>CollectDB1</i> <i>CollectDB2</i> <i>CollectDB3</i> all [collectId]	<i>"+"-separated</i> <i>list of attributes</i>							
lcp	lstCollectPlaceholders									
ecp gcp	exeCollectPoint getCollectPoint	CollectDB	Comment (250)							
		<i>CollectDB1</i> <i>CollectDB2</i> <i>CollectDB3</i>								
help	lstCommandHelp	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 baud115200 baud230400	<i>bits8</i>	<i>No</i>	<i>bit1</i>	<i>none</i> RTS CTS			
lcf	lstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		<i>Current</i> Boot User1 User2 RxDefault	<i>Current</i> Boot User1 User2							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	<i>Mode</i>								
		off on								
lcu	lstCurrentUser									
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 + 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 + RTCMv2 + RTCMv3 + CMRv2 + <u>SBF</u> + <u>NMEA</u> DC2 + ASCIIIDisplay + 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 Viewer <u>User</u>	none <u>Viewer</u> User	none Viewer <u>User</u>	none Viewer <u>User</u>	none Viewer <u>User</u>				
edp gdp	exeDeletePoint getDeletePoint	<i>CollectID</i>								
		0 ...439804651110								
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 ... 360.0 ... 3600.0 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	off on	2 ... 5 ... 10	0 ... 2500000 m		
sdfa gdfa	setDiskFullAction getDiskFullAction	<i>Disk</i> <i>Disk</i>	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	lstDiskInfo	<i>Disk</i>	<i>Directory (60)</i>							
		DSK1 all								
sdds gd	setDynamicDNS getDynamicDNS	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40)</i>	<i>Hostname (40)</i>	<i>Bind</i>				

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		<u>off</u> dyndns.org no-ip.com				<u>auto</u> Ethernet				
eeem gecm	exeEchoMessage getEchoMessage	Cd	Message (242)	EndOfLine						
		DSK1 COM1 COM2 COM3 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								
		<u>off</u> <u>on</u>								
sep gep	setEventParameters getEventParameters	Event Event	Polarity	Delay						
		+ EventA + EventB all	Low2High High2Low	-500.000000 ... 0.000000 ... 500.000000 ms						
sfn gfn	setFileNaming getFileNaming	Cd Cd	NamingType	FileName (20)						
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfn gfn	setFrontendMode getFrontendMode	Mode								
		Nominal SingleAnt								
sfpr gfpr	setFTPPushRINEX getFTPPushRINEX	Server (32)	Path (64)	User (12)	Password (24)					
				anonymous						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sfps gfps	setFTPPushSBF getFTPPushSBF	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24)</i>					
				<u>anonymous</u>						
efpt gfpt	exeFTPPushTest getFTPPushTest	<i>Server (40)</i>	<i>Path (64)</i>	<i>User (20)</i>	<i>Password (40)</i>					
				<u>anonymous</u>						
efup gfup	exeFTPUpgrade getFTPUpgrade	<i>Server (32)</i>	<i>Path (64)</i>	<i>Login (12)</i>	<i>Password (24)</i>					
				<u>anonymous</u>						
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>								
		off <u>on</u>								
sga gga	setGNSSAttitude getGNSSAttitude	<i>Source</i>	<i>MultiAntennaMod</i>							
		none MovingBase <u>MultiAntenna</u>	+ Float + <u>Fixed</u>							
shm ghm	setHealthMask getHealthMask	<i>Engine</i> <i>Engine</i>	<i>Mask</i>							
		+ Tracking + PVT all	off <u>on</u>							
shs ghs	setHttpsSettings getHttpsSettings	<i>Protocol</i>								
		+ HTTP + <u>HTTPS</u> all								
lif	IstInternalFile	<i>File</i>								
		Permissions Identification Debug Error SisError DiffCorrError SetupError LBAS1Access LBAS1Subscr IPPParameters RxMessages								
sim gim	setIonosphereModel getIonosphereModel	<i>Model</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>auto</u> 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	<i>Cd</i> <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	<i>Cd</i> <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	
llbb	IstLBandBeams									
slnd glnd	setLBandNTRIPDelivery getLBandNTRIPDelivery	<i>Cd</i>								
		none NTR1 NTR2 NTR3 DC1 SID08 DC2 SID08								
llrs	IstLBAS1RefStations									
slco glco	setLocalCoordOperation getLocalCoordOperation	<i>OpName (100)</i>	<i>ENHTransfo</i>							
		NETWORK	none lt1							
llc	IstLocalCoordOperations	<i>Operation</i>								
		Overview								
login	Login	<i>UserName (16)</i>	<i>Password (32)</i>							
logout	LogOut									

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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	<i>Disk</i>	<i>Action</i>							
		<u>DSK1</u>	<u>Unmount</u> <u>Mount</u> <u>Format</u>							
smp gmp	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (</i>	<i>MarkerType (20)</i>	<i>StationCode (10)</i>	<i>MonumentIdx</i>	<i>ReceiverIdx</i>	<i>CountryCode (3)</i>		
		<u>SEPT</u>	<u>Unknown</u>	<u>Unknown</u>		<u>0 ... 9</u>	<u>0 ... 9</u>			
smrf gmrf	setMeas3MaxRefInterval getMeas3MaxRefInterval	<i>MaxIntrvl</i>								
		<u>OnlyRef</u> <u>msec500</u> <u>sec1</u> <u>sec5</u> <u>sec10</u> <u>sec30</u> <u>sec60</u>								
lmd	lstMIBDescription	<i>File (255)</i>								
		<u>Overview</u> <u>SBFTable</u>								
smm gmm	setMultipathMitigation getMultipathMitigation	<i>Code</i>	<i>Carrier</i>							
		<u>off</u> <u>on</u>	<u>off</u> <u>on</u>							
snrc gnrc	setNetworkRTKConfig getNetworkRTKConfig	<i>NetworkType</i>								
		<u>auto</u> <u>VRS</u>								
enoc gnoc	exeNMEAOnce getNMEAOnce	<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 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3	+ ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGAaux1 + GGK + GFA + GGQ + LLK + GMP + TFM + SNC + THS							
sno gno	setNMEAOutput getNMEAOutput	Stream Stream	Cd	Messages	Interval					
		+ Stream1 ... Stream10 all	none DSK1 COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3	none + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGAaux1 + GGK + GFA + GGQ + LLK + GMP + TXTbase + TFM + SNC + THS	off 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	NrExtraDigits	Compatibility	LocalDatum	MinStdDev					
		0 ... 2 ... 3	Nominal Mode1 Mode2	off only	0.000 ... 0.001 ... 1.000 m					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
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>	<i>Antenna</i>				
		+ Notch1 + Notch2 + Notch3 all	auto <u>off</u> manual	1100.000 ... 1700.000 MHz	30 ... 1600 kHz	Main Aux1				
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		No Yes			none <u>basic</u>		
smpf gmpf	setNtripCasterMPFormat getNtripCasterMPFormat	MountPointID <i>MountPointID</i>	<i>Format</i>	<i>ManualFt (30)</i>	<i>FtDetails (100)</i>					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
sncs gncs	setNtripCasterSettings getNtripCasterSettings	<i>Mode</i>	<i>Port</i>	<i>Identifier (100)</i>						
		<u>off</u> on	0 ... 2101 ... 65535	<u>default</u>						
sncu gncu	setNtripCasterUsers getNtripCasterUsers	UserID <i>UserID</i>	<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 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> Server 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							
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 all	A:Unknown	off once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
sp2p gp2p	setPointToPoint getPointToPoint	<i>SessionID</i> <i>SessionID</i>	<i>Mode</i>	<i>Cd</i>	<i>ClientIP (20)</i>	<i>ServerIP (20)</i>	<i>Auth</i>	<i>Password (40)</i>	<i>ConnectTimeout</i>	<i>ActivityTimeout</i>
		+ P2PP1 all	Off Server	COM1 COM2 COM3	192.168.50.2	192.168.50.1	None PAP CHAP		60 ... 300 s	10 ... 600 ... 32000 s
spfw gpfw	setPortFirewall getPortFirewall	<i>Interface</i> <i>Interface</i>	<i>OpenPorts</i>	<i>PortList (100)</i>						
		+ Ethernet all	none default all PortList							
epwm gpwm	exePowerMode getPowerMode	<i>Mode</i>								
		<u>ScheduledSleep</u> <u>StandBy</u>								
spas gpas	setPPPAutoSeed getPPPAutoSeed	<i>Mode</i>								
		none + DGPS + RTKFixed all								
epss gpss	exePPPSetSeedGeod getPPPSetSeedGeod	<i>Latitude</i>	<i>Longitude</i>	<i>Altitude</i>	<i>Datum</i>					
		-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					
spss gpss	setPPSPParameters getPPSPParameters	<i>Interval</i>	<i>Polarity</i>	<i>Delay</i>	<i>TimeScale</i>	<i>MaxSyncAge</i>	<i>PulseWidth</i>			

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		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 <u>sec1</u> sec2 sec5 sec10	<u>Low2High</u> High2Low	-1000000.00 ... 0.00 ... 1000000.00 ns	<u>TimeSys</u> UTC RxClock GLONASS	1 ... <u>60</u> ... 3600 s	0.001 ... <u>5.000</u> ... 1000.000 ms			
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> + <u>RTK</u> all	<u>auto</u> Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5						
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	Static Quasistatic Pedestrian <u>Automotive</u> RaceCar HeavyMachinery UAV Unlimited							
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 (60)</i>							

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>GNSSAttitude</u> + <u>AmbGNSSAttitude</u> all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft <u>Hard</u> Upgrade	<u>none</u> + Config + PVTData + SatData + BaseStations + HTTPSCertificate all							
srxl grxl	setRINEXLogging getRINEXLogging	Cd <i>Cd</i>	<i>FileDuration</i>	<i>ObsInterval</i>	<i>SignalTypes</i>	<i>ExtraObsTypes</i>	<i>RINEXVersion</i>	<i>MixedNav</i>		
		+ <u>DSK1</u> all	<u>none</u> hour1 hour6 hour24 minute15	<u>sec1</u> sec2 sec5 sec10 sec15 sec30 sec60	none + <u>GPSL1CA</u> + <u>GPSL2PY</u> + <u>GPSL2C</u> + <u>GLOL1CA</u> + <u>GLOL2CA</u> + <u>GALL1BC</u> + <u>GALE5b</u> + <u>GEOL1</u> + <u>BDSB1I</u> + <u>BDSB2I</u> + <u>QZSL1CA</u> + <u>QZSL2C</u> all	<u>none</u> + Dx + Sx + Channel all	<u>v2x</u> v3x	off <u>on</u>		
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	<i>PRCType</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>							
		+ RTCM18 19 + RTCM20 21 all	1 ... 600 s							
sr2m gr2m	setRTCMv2Message16 getRTCMv2Message16	<i>Message (90)</i>								
		<u>Unknown</u>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sr2o gr2o	setRTCMv2Output getRTCMv2Output	<i>Cd</i> <i>Cd</i>	<i>Messages</i>							
		+ COM1 + COM2 + COM3 + 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	<i>MsgUsage</i>								
		none + RTCM1 + RTCM3 + RTCM9 + RTCM15 + RTCM18 19 + RTCM20 21 + RTCM22 + RTCM23 24 + RTCM31 + RTCM32 + RTCM17 + RTCM59 all								
sr3t gr3t	setRTCMv3CRSTransfo getRTCMv3CRSTransfo	<i>Mode</i>	<i>TargetName (32)</i>							
		auto manual								
sr3d gr3d	setRTCMv3Delay getRTCMv3Delay	<i>Delay</i>								
		0 ... 600 s								
sr3f gr3f	setRTCMv3Formatting getRTCMv3Formatting	<i>ReferenceID</i>	<i>MSMSignals</i>	<i>GL0L2</i>	<i>RxType (32)</i>					
		0 ... 4095	+ GPSL1CA + GPSL2PY + GPSL2C + GL0L1CA + GL0L2CA + GALL1BC + GALE5b + GEOL1 + BDSB1I + BDSB2I + QZSL1CA + QZSL2C all	L2CA	default					
sr3i gr3i	setRTCMv3Interval getRTCMv3Interval	<i>Message</i> <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
		+ RTCM1001 2 + RTCM1003 4 + RTCM1005 6 + RTCM1007 8 + RTCM1009 10 + RTCM1011 12 + RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + RTCM1033 + RTCM1042 + RTCM1044 + RTCM1046 + RTCM1230 + MSM1 ... MSM7 all	0.1 ... 1.0 ... 600.0 s							
sr3m gr3m	setRTCMv3Message1029 getRTCMv3Message1029	<i>Message (120)</i>								
		Unknown								
sr3o gr3o	setRTCMv3Output getRTCMv3Output	<i>Cd</i> <i>Cd</i>	<i>Messages</i>							
		+ COM1 + COM2 + COM3 + 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 + RTCM1046 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1091 ... RTCM1097 + RTCM1101 ... RTCM1107 + RTCM1111 ... RTCM1117 + RTCM1121 ... RTCM1127 + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
sr3u gr3u	setRTCMv3Usage getRTCMv3Usage	<i>MsgUsage</i>								

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 + 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								
ssbc gsbc	setSBASCorrections getSBASCorrections	Satellite	SISMode	NavMode	DO229Version					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>auto</u> EGNOS WAAS MSAS GAGAN SDCM S120 ... S158	Test <u>Operational</u>	EnRoute PrecApp <u>MixedSystems</u>	<u>auto</u> DO229C					
ssgp gsgp	setSBFGroups getSBFGroups	Group <i>Group</i>	<i>Messages</i>							
		+ Group1 + Group2 + Group3 + Group4 all	<u>none</u> [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Events + DiffCorr + Status + LBand + PostProcess + Rinex + RinexMeas3 + Support							
esoc gsoc	exeSBFOnce getSBFOnce	Cd	<i>Messages</i>							
		DSK1 COM1 COM2 COM3 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 + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
ssso gsso	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	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + BDS + QZS + PVTCart + PVTGeod + PVTEtra + Attitude + Time + Event + DiffCorr + Status + LBand + UserGroups + 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 + 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						
sspc gspc	setStaticPosCartesian getStaticPosCartesian	Position <i>Position</i>	<i>X</i>	<i>Y</i>	<i>Z</i>	<i>Datum</i>				
		+ Cartesian1 + Cartesian2 + Cartesian3 + Cartesian4 + Cartesian5 all	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	-8000000.0000 ... 0.0000 ... 8000000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 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 + Geodetic2 + Geodetic3 + Geodetic4 + Geodetic5 all	-90.0000000000 ... 0.0000000000 ... 90.0000000000 deg	-180.0000000000 ... 0.0000000000 ... 180.0000000000 deg	-1000.0000 ... 0.0000 ... 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 GDA2020 User1 User2 Other				
sts gts	setTimingSystem getTimingSystem	<i>System</i>								
		GST <u>GPS</u> BeiDou								
stm gtm	setTroposphereModel getTroposphereModel	<i>ZenithModel</i>	<i>MappingModel</i>							
		off Saastamoinen <u>MOPS</u>	Niell <u>MOPS</u>							
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 %						
suoc guoc	setUMSDOnConnect getUMSDOnConnect	<i>Mode</i>								
		off on								
eup gup	exeUpdatePoint getUpdatePoint	CollectID	Comment (250)							
		0 ... 439804651110								
sual gual	setUserAccessLevel getUserAccessLevel	UserID <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>					

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sud gud	setUserDatum getUserDatum	Datum <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	Datum <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	Datum <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								
ewcf gwcf	exeWriteCollectCsvFile getWriteCollectCsvFile	CollectDB	Disk	FileName (8)	Separator					
		CollectDB1 CollectDB2 CollectDB3	DSK1	collect	Comma Tab Colon SemiColon Space Vertical_Bar					

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
ExtEventAttEuler	ExtEventBaseVectGeod	ExtEventPVTCartesian
ExtEventPVTGeodetic	GALAlm	GALGstGps
GALLon	GALNav	GALRawINAV
GALSARRLM	GALUtc	GEOAlm
GEOClockEphCovMatrix	GEODegrFactors	GEOFastCorr
GEOFastCorrDegr	GEOIGPMask	GEOIntegrity
GEOIonoDelay	GEOLongTermCorr	GEOMT00
GEONav	GEONetworkTime	GEOPRNMMask
GEORawL1	GEOServiceLevel	GISAction
GISStatus	GLOAlm	GLONav
GLORawCA	GLOTime	GPSAlm
GPSIon	GPSNav	GPSRawCA
GPSRawL2C	GPSUtc	Group1
Group2	Group3	Group4
IPStatus	InputLink	LBAS1DecoderStatus
LBAS1Messages	LBandBeams	Meas3CN0HiRes
Meas3Doppler	Meas3MP	Meas3PP
Meas3Ranges	MeasEpoch	MeasExtra
NTRIPClientStatus	OutputLink	P2PPStatus
PVTCartesian	PVTGeodetic	PVTSupport
PVTSupportA	PosCart	PosCovCartesian
PosCovGeodetic	PosLocal	PosProjected
PowerStatus	QZSAlm	QZSNav
QZSRawL1CA	QZSRawL2C	QualityInd
RFStatus	RTCMDatum	ReceiverSetup
ReceiverStatus	ReceiverTime	RxMessage
SatVisibility	VelCovCartesian	VelCovGeodetic
xPPSOffset		