

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 + E6 + L2 + L5 + LBand all	auto frozen manual	0 ... 35 ... 70 dB						
lai	IstAntennainfo	Antenna								
		Overview Main Aux1 [antenna name]								
sal gal	setAntennaLocation getAntennaLocation	Antenna Antenna	Mode	DeltaX	DeltaY	DeltaZ				
		+ Aux1 + Base all	auto manual	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m				
sao gao	setAntennaOffset getAntennaOffset	Antenna Antenna	DeltaE	DeltaN	DeltaU	Type (20)	SerialNr (20)	SetupID		
		+ Main + Aux1 all	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	-1000.0000 ... 0.0000 ... 1000.0000 m	Unknown	Unknown	0 ... 255		
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 I01 ... I14	auto manual	-50000 ... 0 ... 50000 Hz	1 ... 16000 ... 100000 Hz				
scia gcia	setCheckInternetAvailability getCheckInternetAvailability	Mode								
		off on								
scd gcd	setCLASCrustalDeformation getCLASCrustalDeformation	Mode								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		off on								
scst gcst	setClockSyncThreshold getClockSyncThreshold	Threshold								
		ClockSteering usec500 msec1 msec2 msec3 msec4 msec5								
sc2f gc2f	setCMRv2Formatting getCMRv2Formatting	ReferenceID								
		0 ... 31								
sc2i gc2i	setCMRv2Interval getCMRv2Interval	Message Message	Interval							
		+ CMR0 + CMR1 + CMR2 + CMR3 all	0.1 ... 1.0 ... 600.0 s							
sc2m gc2m	setCMRv2Message2 getCMRv2Message2	ShortID (8)	LongID (50)	COGO (16)						
		Unknown	Unknown	Unknown						
sc2o gc2o	setCMRv2Output getCMRv2Output	Cd Cd	Messages							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + CMR0 + CMR1 + CMR2 + CMR3 all							
sc2u gc2u	setCMRv2Usage getCMRv2Usage	MsgUsage								
		none + CMR0 + CMR1 + CMR2 + CMR3 + CMR0p + CMR0w all								
scm gcm	setCN0Mask getCN0Mask	Signal Signal	Mask							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+GPSL1CA +Reserved2 +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL6 +NAVICL5 all	0 ...10 ...60 dB-Hz							
help	IstCommandHelp	Action (255)								
		Overview								
scs gcs	setCOMSettings getCOMSettings	Cd Cd	Rate	DataBits	Parity	StopBits	FlowControl			
		+COM1 +COM2 +COM3 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 baud115200 baud230400	bits8	No	bit1	none RTS CTS			
lcf	IstConfigFile	File								
		Current Boot RxDefault User1 User2								
eccf gccf	exeCopyConfigFile getCopyConfigFile	Source	Target							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scoc gcoc	setCosmosConfig getCosmosConfig	Enable	CustomerID (24)							
		off on								
scda gcda	setCrossDomainWebAccess getCrossDomainWebAccess	Mode								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>off</u> on								
lcu	lstCurrentUser									
sdc gdc	setDaisyChainMode getDaisyChainMode	DC DC	<i>Mode</i>							
		+ DC1 + DC2 all	<u>Raw</u> ASCII							
sdi gdi	setDataInOut getDataInOut	Cd Cd	<i>Input</i>	<i>Output</i>	<i>Show</i>					
		+ DSK1 + COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 ASCIIIN <u>auto</u>	none + RTCMv2 + RTCMv3 + CMRv2 + <u>SBF</u> + <u>NMEA</u> + ASCIIDisplay + DC1 + DC2 + Encapsulate + LBandBeam1 + LBandBeam2 + LBandBeam3 + LBandBeam4	(<u>off</u>) (on) (waiting)					
sda gda	setDefaultAccessLevel getDefaultAccessLevel	<i>Web</i>	<i>FileTransfer</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>				
sdc gdc	setDiffCorrMaxAge getDiffCorrMaxAge	<i>DGPS</i> Corr	<i>RTK</i> Corr	<i>PPP</i> Corr	<i>Iono</i>					
		0.0 ... 400.0 ... 3600.0 s	0.0 ... 20.0 ... 3600.0 s	0.0 ... 1200.0 ... 3600.0 s	0.0 ... 600.0 ... 3600.0 s					
sdc gdc	setDiffCorrUsage getDiffCorrUsage	<i>Mode</i>	<i>MaxAge</i>	<i>BaseSelection</i>	<i>BaseID</i>	<i>MovingBase</i>				
		<u>LowLatency</u>	0.1 ... 3600.0 s	<u>auto</u> manual	0 ... 4095	<u>off</u> on				
sdf gdf	setDiskFullAction getDiskFullAction	Disk Disk	<i>Action</i>							
		+ DSK1 all	DeleteOldest <u>StopLogging</u>							
ldi	lstDiskInfo	Disk	Directory (60)							
		DSK1 all								
sdd gdd	setDynamicDNS getDynamicDNS	<i>Provider</i>	<i>UserName (40)</i>	<i>Password (40)</i>	<i>Hostname (40)</i>	<i>Bind</i>				

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		off dyndns.org no-ip.com				auto 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 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
		+ It1 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			
		+ It1 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	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						
sfm gfm	setFrontendMode getFrontendMode	Mode								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		<u>Nominal</u> SingleAnt								
sfpr gfpr	setFTPPushRINEX getFTPPushRINEX	<i>Server (32)</i>	<i>Path (64)</i>	<i>User (12)</i>	<i>Password (24)</i>					
				<u>anonymous</u>						
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>						
lopk	lstGalOSNMAPublicKeys									
sopk gopk	setGalOSNMAPublicKeys getGalOSNMAPublicKeys	<i>ID</i> <i>ID</i>	<i>Key (233)</i>							
		+ Key0 ... Key15 all								
sou gou	setGalOSNMAUsage getGalOSNMAUsage	<i>Mode</i>	<i>MTRoot (65)</i>							
		off 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>							
		auto 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>							

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								
lif	lstInternalFile	File								
		Permissions Identification Debug Error SisError DiffCorrError SetupError IPParameters RxMessages								
sim gim	setIonosphereModel getIonosphereModel	Model								
		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	Q ... 65535	TCP2Way UDP	0.0.0.0					
sis giss	setIPServerSettings getIPServerSettings	Cd Cd	Port	Mode	UDPAddress (200)					
		+IPS1 +IPS2 +IPS3 +IPS4 +IPS5 all	Q ... 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	

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		DHCP Static	0.0.0.0	255.255.255.0	0.0.0.0		0.0.0.0	0.0.0.0	0 ... 1500	
scls gcls	setL6CLASSource getL6CLASSource	Satellite	Message							
		auto none J01 ... J07	L6D L6E							
llbb	lStLBandBeams									
slbb glbb	setLBandBeams getLBandBeams	Beam Beam	Frequency	Rate	Name (8)	Region (8)	Usage			
		+ User1 + User2 + User3 + User4 all	1525000000 ... 1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
scls glcs	setLBandCustomServiceID getLBandCustomServiceID	ServiceID (4)	ScramblingVector	NDAUsage						
		0000	0000	off on						
slnd glnd	setLBandNTRIPDelivery getLBandNTRIPDelivery	Cd								
		none NTR1 NTR2 NTR3 NTR4								
slsm glsm	setLBandSelectMode getLBandSelectMode	Mode	Service	Beam1	Beam2	Beam3	Beam4			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		auto off manual	<u>Inmarsat</u> LBAS2	<u>User1</u> User2 User3 User4 LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32	User1 <u>User2</u> User3 User4 LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32	User1 User2 <u>User3</u> User4 LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32	User1 User2 User3 <u>User4</u> LBAS2 1 LBAS2 2 LBAS2 3 LBAS2 4 LBAS2 5 LBAS2 6 LBAS2 7 LBAS2 8 LBAS2 9 LBAS2 10 LBAS2 11 LBAS2 12 LBAS2 13 LBAS2 14 LBAS2 15 LBAS2 16 LBAS2 17 LBAS2 18 LBAS2 19 LBAS2 20 LBAS2 21 LBAS2 22 LBAS2 23 LBAS2 24 LBAS2 25 LBAS2 26 LBAS2 27 LBAS2 28 LBAS2 29 LBAS2 30 LBAS2 31 LBAS2 32			
slco glco	setLocalCoordOperation getLocalCoordOperation	<i>OpName (100)</i>	<i>ENHTransfo</i>							
		<u>NETWORK</u>	<u>none</u> lt1							
llc	lstLocalCoordOperations	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							
		<u>DSK1</u>	<u>Unmount</u> Mount Format							
smp gmp	setMarkerParameters getMarkerParameters	<i>MarkerName (60)</i>	<i>MarkerNumber (10)</i>	<i>MarkerType (20)</i>	<i>StationCode (10)</i>	<i>MonumentIdx</i>	<i>ReceiverIdx</i>	<i>CountryCode (3)</i>		
		<u>SEPT</u>	<u>Unknown</u>	<u>Unknown</u>		<u>0 ... 9</u>	<u>0 ... 9</u>			
smrf gmrf	setMeas3MaxRefInterval getMeas3MaxRefInterval	<i>MaxIntrvl</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		OnlyRef msec500 sec1 sec5 sec10 sec30 sec60								
lmd	IstMIBDescription	File (255)								
		Overview SBFTable								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
smm gmm	setMultipathMitigation getMultipathMitigation	Code	Carrier							
		off on	off on							
snrc gnrc	setNetworkRTKConfig getNetworkRTKConfig	NetworkType								
		auto VRS								
enoc gnoc	exeNMEAOnce getNMEAOnce	Cd	Messages							
		DSK1 COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	+ ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGAux1 + GSK + GFA + GGQ + LLK + GMP + TFM + SNC + THS							
sno gno	setNMEAOutput getNMEAOutput	Stream Stream	Cd	Messages	Interval					

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 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	<u>none</u> + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGAux1 + GGK + GFA + GGQ + LLK + GMP + TXTbase + TFM + SNC + THS	<u>off</u> OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60					
snp gnp	setNMEAPrecision getNMEAPrecision	<i>NrExtraDigits</i>	<i>Compatibility</i>	<i>LocalDatum</i>	<i>MinStdDev</i>					
		0 ... 2 ... 3	Nominal Mode1 Mode2	<u>off</u> only	0.000 ... <u>0.001</u> ... 1.000 m					
snti gnti	setNMEATalkerID getNMEATalkerID	<i>TalkerID</i>								
		auto <u>GP</u> GN								
snv gnv	setNMEAVersion getNMEAVersion	<i>Version</i>								
		v3x v4x								
snf gnf	setNotchFiltering getNotchFiltering	Notch <i>Notch</i>	<i>Mode</i>	<i>CenterFreq</i>	<i>Bandwidth</i>					
		+ Notch1 + Notch2 + Notch3 all	auto <u>off</u> manual	1100.000 ... 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								
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>		

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ MP1 + MP2 + MP3 all	<u>off</u> on		<u>No</u> Yes			none <u>basic</u>		
smf gmf	setNtripCasterMPFormat getNtripCasterMPFormat	MountPointID MountPointID	Format	ManualFt (30)	FtDetails (100)					
		+ MP1 + MP2 + MP3 all	RTCMv2 RTCMv3 CMR NMEA <u>RAW</u> manual							
snsc gnsc	setNtripCasterSettings getNtripCasterSettings	Mode	Port	Identifier (100)	TlsPort					
		<u>off</u> on	0 ... 2101 ... 65535	default	0 ... 2102 ... 65535					
snuc gnuc	setNtripCasterUsers getNtripCasterUsers	UserID UserID	UserName (20)	Password (40)	MountPoints	MaxClients				
		+ User1 + User2 + User3 + User4 + User5 all			none + MP1 + MP2 + MP3 all	1 ... 10				
snts gnst	setNtripSettings getNtripSettings	Cd Cd	Mode	Caster (40)	Port	UserName (20)	Password (40)	MountPoint (32)	Version	SendGGA
		+ NTR1 + NTR2 + NTR3 + NTR4 all	<u>off</u> Server Client		0 ... 2101 ... 65535				v1 v2	auto off sec1 sec5 sec10 sec60
Inst	IstNTRIPSourceTable	Caster (40)	Port							
			0 ... 2101 ... 65535							
sntt gnnt	setNtripTlsSettings getNtripTlsSettings	Cd Cd	Enable	Fingerprint (96)						
		+ NTR1 + NTR2 + NTR3 + NTR4 all	<u>off</u> on							
soc goc	setObserverComment getObserverComment	Comment (120)								
		<u>Unknown</u>								
sop gop	setObserverParameters getObserverParameters	Observer (20)	Agency (40)							
		<u>Unknown</u>	<u>Unknown</u>							
spe gpe	setPeriodicEcho getPeriodicEcho	Cd Cd	Message (201)	Interval						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 all	<u>A:Unknown</u>	<u>off</u> once msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60						
sp2p gp2p	setPointToPoint getPointToPoint	SessionID <i>SessionID</i>	Mode	Cd	ClientIP (20)	ServerIP (20)	Auth	Password (40)	ConnectTimeout	ActivityTimeout
		+ P2PP1 all	<u>Off</u> Server	<u>COM1</u> COM2 COM3	<u>192.168.50.2</u>	<u>192.168.50.1</u>	<u>None</u> PAP CHAP		<u>60 ... 300 s</u>	<u>10 ... 600</u> ...32000 s
spfw gpfw	setPortFirewall getPortFirewall	Interface <i>Interface</i>	OpenPorts	PortList (100)						
		+ Ethernet all	none <u>default</u> all PortList							
epwm gpwm	exePowerMode getPowerMode	Mode								
		<u>ScheduledSleep</u> StandBy								
spps gpsps	setPPSPParameters getPPSPParameters	Interval	Polarity	Delay	TimeScale	MaxSyncAge	PulseWidth			
		off msec10 msec20 msec50 msec100 msec200 msec250 msec500 <u>sec1</u> sec2 sec4 sec5 sec10 sec30 sec60	Low2High High2Low	-1000000.00 ... <u>0.00</u> ... 1000000.00 ns	<u>GPS</u> Galileo BeiDou GLONASS UTC RxClock	0 ... <u>60</u> ...3600 s	0.001 ... <u>5.000</u> ...1000.000 ms			
spm gpm	setPVTMode getPVTMode	Mode	RoverMode	RefPos						

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		Static Rover	+ StandAlone + SBAS + DGPS + RTKFloat + RTKFixed + PPP + RTK all	auto Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5						
srl grl	setRAIMLevels getRAIMLevels	Mode	Pfa	Pmd	Reliability					
		off on	-12 ... <u>4</u> ... -1	-12 ... <u>4</u> ... -1	-12 ... <u>3</u> ... -1					
grc	getReceiverCapabilities									
srd grd	setReceiverDynamics getReceiverDynamics	Level	Motion							
		Max High <u>Moderate</u> Low	Static Quasistatic Pedestrian <u>Automotive</u> RaceCar HeavyMachinery UAV Unlimited							
gri	getReceiverInterface	Item								
		+ RxName + SNMPLanguage + SNMPVersion all								
lrf	lstRecordedFile	Disk	FileName (60)							
		DSK1								
srom grom	setREFOUTMode getREFOUTMode	Enable								
		off on								
era gra	exeRegisteredApplications getRegisteredApplications	Cd Cd	Application (12)							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 all	Unknown							
erf grf	exeRemoveFile getRemoveFile	Disk	FileName (200)							
		DSK1	none all							
ernf grnf	exeResetNavFilter getResetNavFilter	Level								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ PVT + AmbRTK + GNSSAttitude + AmbGNSSAttitude all								
erst grst	exeResetReceiver getResetReceiver	Level	EraseMemory							
		Soft Hard Upgrade	none + Config + PVTData + SatData + HTTPSCertificate + SISAuthData all							
srxl grxl	setRINEXLogging getRINEXLogging	Cd Cd	FileDuration	ObsInterval	SignalTypes	ExtraObsTypes	RINEXVersion	MixedNav		
		+ DSK1 all	none hour1 hour6 hour24 minute15	sec1 sec2 sec5 sec10 sec15 sec30 sec60	none + GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + QZSL1CA + QZSL2C + QZSL5 + NAVICL5 all	none + Dx + Sx + Channel all	v211 v304ShortName	off on		
sr2c gr2c	setRTCMv2Compatibility getRTCMv2Compatibility	PRCType	GLOToD	RTKVersion						
		Standard GroupDelay	Tk Tb	v2.1 v2.2orLater						
sr2f gr2f	setRTCMv2Formatting getRTCMv2Formatting	ReferenceID	GLOToD							
		Q ... 1023	Tk Tb							
sr2i gr2i	setRTCMv2Interval getRTCMv2Interval	Message Message	ZCount							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ 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>								
		Unknown								
sr2o gr2o	setRTCMv2Output getRTCMv2Output	Cd <i>Cd</i>	Messages							
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + <u>RTCM1</u> + <u>RTCM3</u> + RTCM9 + RTCM16 + RTCM18 19 + RTCM20 21 + <u>RTCM22</u> + RTCM23 24 + <u>RTCM31</u> + RTCM32 + RTCM17 + DGPS + RTK all							
sr2u gr2u	setRTCMv2Usage getRTCMv2Usage	<i>MsgUsage</i>								
		none + <u>RTCM1</u> + <u>RTCM3</u> + RTCM9 + RTCM15 + RTCM18 19 + <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								
sr3d gr3d	setRTCMv3Delay getRTCMv3Delay	<i>Delay</i>								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
sr3f gr3f	setRTCMv3Formatting getRTCMv3Formatting	<u>0.0 ... 600.0 s</u> <i>ReferencelD</i>	<i>MSMsignals</i>	<i>GLOL2</i>	<i>RxType (32)</i>					
		0 ... 4095 +GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +NAVICL5 all		L2CA L2P	default					
sr3i gr3i	setRTCMv3Interval getRTCMv3Interval	<i>Message</i> <i>Message</i>	<i>Interval</i>							
		+RTCM1001 2 +RTCM1003 4 +RTCM1005 6 +RTCM1007 8 +RTCM1009 10 +RTCM1011 12 +RTCM1013 +RTCM1019 +RTCM1020 +RTCM1029 +RTCM1033 +RTCM1042 +RTCM1044 +RTCM1045 +RTCM1046 +RTCM1230 +MSM1 ... MSM7 all	0.1 ... 1.0 ... 600.0 s							
sr3m gr3m	setRTCMv3Message1029 getRTCMv3Message1029	<i>Message (120)</i>								
		Unknown								
sr3o gr3o	setRTCMv3Output getRTCMv3Output	<i>Cd</i> <i>Cd</i>	<i>Messages</i>							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + COM2 + COM3 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + NTR4 + IPS1 + IPS2 + IPS3 + IPS4 + IPS5 + IPR1 + IPR2 + IPR3 + IPR4 + IPR5 all	none + RTCM1001 + RTCM1002 + RTCM1003 + RTCM1004 + RTCM1005 + RTCM1006 + RTCM1007 ... RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + RTCM1033 + RTCM1042 + RTCM1044 + RTCM1045 + RTCM1046 + RTCM1071 + RTCM1072 + RTCM1073 + RTCM1074 + RTCM1075 + RTCM1076 + RTCM1077 + RTCM1081 + RTCM1082 + RTCM1083 + RTCM1084 + RTCM1085 + RTCM1086 + RTCM1087 + RTCM1091 + RTCM1092 + RTCM1093 + RTCM1094 + RTCM1095 + RTCM1096 + RTCM1097 + RTCM1101 ... RTCM1107 + RTCM1111 ... RTCM1117 + RTCM1121 + RTCM1122 + RTCM1123 + RTCM1124 + RTCM1125 + RTCM1126 + RTCM1127 + RTCM1131 ... RTCM1137 + RTCM1230 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
sr3u	setRTCMv3Usage	MsgUsage								
gr3u	getRTCMv3Usage									

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> + I01 ... <u>I14</u> + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS + NAVIC 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 + <u>G01 ... G32</u> + <u>R01 ... R24</u> + R25 + R26 + R27 + R28 + R29 + R30 + <u>E01 ... E36</u> + S120 ... S158 + <u>C01 ... C63</u> + <u>J01 ... J07</u> + GPS + GLONASS + GALILEO + SBAS + BEIDOU + QZSS all								
ssbc gsbc	setSBASCorrections getSBASCorrections	<i>Satellite</i>	<i>SISMode</i>	<i>NavMode</i>	<i>DO229Version</i>					
		<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 + PVTEExtra + Attitude + Time + Events + DiffCorr + Status + LBand + PostProcess + Rinex + RinexMeas3 + Support							
esoc gsoc	exeSBFOnce getSBFOnce	Cd	Messages							

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 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	[SBF List] + Measurements + Meas3 + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + Attitude + Time + Status + LBand + UserGroups + PostProcess + Rinex + RinexMeas3 + Support							
sso gso	setSBFOutput getSBFOutput	Stream Stream	Cd	Messages	Interval					
		+ Stream1 ... Stream10 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 COM2 COM3 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 NTR4 IPS1 IPS2 IPS3 IPS4 IPS5 IPR1 IPR2 IPR3 IPR4 IPR5	none [SBF List] + Measurements + Meas3 + RawNavBits + GPS + GLO + GAL + GEO + BDS + QZS + PVTCart + PVTGeod + PVTEExtra + 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	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 +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL6 +NAVICL5 +GPS +GLONASS +GALILEO +SBAS +BEIDOU +QZSS +NAVIC all								
snu gnu	setSignalUsage getSignalUsage	PVT	NavData							
		+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL6 all	+GPSL1CA +GPSL2PY +GPSL2C +GPSL5 +GLOL1CA +GLOL2P +GLOL2CA +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL6 all							
ssi gsi	setSmoothingInterval getSmoothingInterval	Signal Signal	Interval	Alignment						

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 +GLOL3 +GALL1BC +GALE6BC +GALE5a +GALE5b +GALE5 +GEOL1 +GEOL5 +BDSB1I +BDSB2I +BDSB3I +BDSB1C +BDSB2a +QZSL1CA +QZSL2C +QZSL5 +QZSL6 +NAVICL5 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				
stss gtss	setTimeSyncSource getTimeSyncSource	<i>Source</i>								
		none EventA EventB								
sts gts	setTimingSystem getTimingSystem	<i>System</i>								
		Galileo GPS BeiDou auto								
stlp gtlp	setTrackingLoopParameters getTrackingLoopParameters	Signal <i>Signal</i>	<i>DLLBandwidth</i>	<i>PLLBandwidth</i>	<i>MaxTpDLL</i>	<i>MaxTpPLL</i>	<i>Adaptive</i>			

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ GPSL1CA + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE6BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + BDSB1I + BDSB2I + BDSB3I + BDSB1C + BDSB2a + QZSL1CA + QZSL2C + QZSL5 + Reserved3 + NAVICL5 all	0.01 ... 0.25 ... 5.00 Hz	1 ... 15 ... 100 Hz	1 ... 100 ... 500 ms	1 ... 10 ... 200 ms	off on			
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 ... 20000.00 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	WakeUpTime (30	AwakeDuration	RepetitionPeriod						
		2000-01-01 00:00:0	0 ... 604800 s	0 ... 604800 s						
swbi gwbi	setWBIMitigation getWBIMitigation	Mode								
		off on								

SBF List

ASCIIn	AttCovEuler	AttEuler
AuxAntPositions	BBSamples	BDSAlm
BDSIon	BDSNav	BDSRaw
BDSRawB1C	BDSRawB2a	BDSUtc
BaseStation	BaseVectorCart	BaseVectorGeod
ChannelStatus	Commands	Comment
CosmosStatus	DOP	DiffCorrIn
DiskStatus	DynDNSStatus	EndOfAtt
EndOfMeas	EndOfPVT	ExtEvent
ExtEventAttEuler	ExtEventBaseVectGeod	ExtEventPVTCartesian
ExtEventPVTGeodetic	FugroDDS	FugroStatus
GALAlm	GALAuthStatus	GALGstGps
GALIon	GALNav	GALRawCNAV
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	IPStatus
InputLink	LBandBeams	LBandRaw
LBandTrackerStatus	Meas3CN0HiRes	Meas3Doppler
Meas3MP	Meas3PP	Meas3Ranges
MeasEpoch	MeasExtra	NAVICRaw
NTRIPClientStatus	NTRIPServerStatus	OutputLink
P2PPStatus	PVTCartesian	PVTGeodetic
PVTSupport	PVTSupportA	PosCart
PosCovCartesian	PosCovGeodetic	PosLocal
PosProjected	QZSAlm	QZSNav
QZSRawL1CA	QZSRawL2C	QZSRawL5
QZSRawL6	QualityInd	RFStatus
RTCMDatum	ReceiverSetup	ReceiverStatus
ReceiverTime	RxMessage	SatVisibility
VelCovCartesian	VelCovGeodetic	xPPSOffset