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 Command Line Interface Reference Guide.

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
eawa gawa	**exeAddWiFiAccessPoint** **getAddWiFiAccessPoint**	*SSID (32)*	*Key (40)*							
sao gao	**setAntennaOffset** **getAntennaOffset**	*Antenna* Antenna	*DeltaE*	*DeltaN*	*DeltaU*					
		+ Main all	-1000.0000 …0.0000 …1000.0000 m	-1000.0000 …0.0000 …1000.0000 m	-1000.0000 …0.0000 …1000.0000 m					
sbtp gbtp	**setBTParameters** **getBTParameters**	*Enable*	*DeviceName (32)*	*PairingCode (8)*	*Discoverable*	*DeviceNameActu*				
		off on	default	1234	off on	model-serialnumbe				
scem gcem	**setCellularParameters** **getCellularParameters**	*Power*	*Connect*	*APN (32)*	*User (32)*	*Password (40)*	*Standard*			
		off on	off on				+ 2G + 3G all			
scep gcep	**setCellularPIN** **getCellularPIN**	*PIN (20)*								
eccp gccp	**exeChangeCellularPIN** **getChangeCellularPIN**	*OldPIN (20)*	*NewPIN (20)*							
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 sec							
sc2m gc2m	**setCMRv2Message2** **getCMRv2Message2**	*ShortID (8)*	*LongID (50)*	*COGO (16)*						
		Unknown	Unknown	Unknown						
sc2o gc2o	**setCMRv2Output** **getCMRv2Output**	*Cd* Cd	*Messages*							
		+ COM1 + USB1 + USB2 + IP10 … IP17 + NTR1 + IPS1 + IPS2 + IPS3 + BT01 all	none + CMR0 + CMR1 + CMR2 + CMR3 all							
scs gcs	**setCOMSettings** **getCOMSettings**	*Cd* Cd	*Rate*							
		+ COM1 all	baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 baud115200							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
lcf	**lstConfigFile**	*File*								
		Current Boot RxDefault User1 User2								
eccf gccf	**exeCopyConfigFile** **getCopyConfigFile**	*Source*	*Target*							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
sdio gdio	**setDataInOut** **getDataInOut**	*Cd* *Cd*	*Input*	*Output*	*Show*					
		+DSK1 +COM1 +USB1 +USB2 +IP10 ... IP17 +NTR1 +IPS1 +IPS2 +IPS3 +BT01 +IPR1 +IPR2 +IPR3 all	SBF none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 NMEA ASCIIIN <u>auto</u>	none +RTCMv2 +RTCMv3 +CMRv2 +<u>SBF</u> +<u>NMEA</u> +ASCIIDisplay +DC1 +DC2	<u>(off)</u> (on)					
sdca gdca	**setDiffCorrMaxAge** **getDiffCorrMaxAge**	*DGPSCorr*	*RTKCorr*	*PPPCorr*	*Iono*					
		0.0 ... <u>400.0</u> ... 3600.0 sec	0.0 ... <u>20.0</u> ... 3600.0 sec	0.0 ... <u>360.0</u> ... 3600.0 sec	0.0 ... <u>600.0</u> ... 3600.0 sec					
sdcu gdcu	**setDiffCorrUsage** **getDiffCorrUsage**	*Mode*	*MaxAge*	*BaseSelection*	*BaseID*	*MovingBase*	*MaxBase*	*MaxBaseline*		
		<u>LowLatency</u>	0.1 ... <u>3600.0</u> sec	<u>auto</u> manual	<u>0</u> ... 4095	<u>off</u> on	2 ... <u>5</u> ... 10	0 ... <u>2500000</u> m		
sdfa gdfa	**setDiskFullAction** **getDiskFullAction**	*Disk* *Disk*	*Action*							
		+DSK1 all	DeleteOldest <u>StopLogging</u>							
sem gem	**setElevationMask** **getElevationMask**	*Engine* *Engine*	*Mask*							
		+Tracking +PVT all	-90 ... <u>0</u> ... 90 deg							
sfn gfn	**setFileNaming** **getFileNaming**	*Disk* *Disk*	*NamingType*	*FileName (8)*						
		+DSK1 all	FileName Incremental IGS15M <u>IGS1H</u> IGS6H IGS24H	<u>log</u>						
fwd	**forward**	*Destination*	*Command (255)*							
		Gnss_receiver Cell								
sgu ggu	**setGeoidUndulation** **getGeoidUndulation**	*Mode*	*Undulation*							
		<u>auto</u> manual	-250.0 ... <u>0.0</u> ... 250.0 m							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
lif	**lstInternalFile**	*File*								
		Permissions Identification Debug Error								
sirs girs	**setIPReceiveSettings** **getIPReceiveSettings**	*Cd* Cd	*Port*	*Mode*	*TCPAddress (40)*					
		+IPR1 +IPR2 +IPR3 all	0...65535	TCP UDP	0.0.0.0					
siss giss	**setIPServerSettings** **getIPServerSettings**	*Cd* Cd	*Port*	*Mode*	*UDPAddress (200*					
		+IPS1 +IPS2 +IPS3 all	0...65535	TCP UDP	255.255.255.255					
emd gmd	**exeManageDisk** **getManageDisk**	*Disk*	*Action*							
		DSK1	Unmount Format							
emwa gmwa	**exeManageWiFiAccessPoint** **getManageWiFiAccessPoint**	*SSID (32)*	*Action*							
			Promote Remove							
smp gmp	**setMarkerParameters** **getMarkerParameters**	*MarkerName (60*	*MarkerNumber (*	*MarkerType (20)*						
		SEPT	Unknown	Unknown						
enoc gnoc	**exeNMEAOnce** **getNMEAOnce**	*Cd*	*Messages*							
		DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 IPS1 IPS2 IPS3 BT01	+GGA +GLL +GRS +GSA +GST +GSV +RMC +VTG +ZDA +LLQ +GGQ +LLK +TXTbase +TFM +SNC +SCL +SBT							
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 +Stream2 all	none DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 IPS1 IPS2 IPS3 BT01	none +GGA +GLL +GRS +GSA +GST +GSV +RMC +VTG +ZDA +LLQ +GGQ +LLK +TXTbase +TFM +SNC +SCL +SBT	off OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10					
snp gnp	setNMEAPrecision getNMEAPrecision	NrExtraDigits	Compatibility	LocalDatum						
		0 ... 3	Nominal Mode1 Mode2	off only						
snti gnti	setNMEATalkerID getNMEATalkerID	TalkerID								
		GP GN								
snv gnv	setNMEAVersion getNMEAVersion	Version								
		v3x v4x								
snts gnts	setNtripSettings getNtripSettings	Cd Cd	Mode	Caster (40)	Port	UserName (20)	Password (40)	MountPoint (32)	Version	SendGGA
		+NTR1 all	off Server Client		0 ... 2101 ... 65535				v2	auto off sec1 sec5 sec10 sec60
lnst	lstNTRIPSourceTable	Caster (40)	Port							
			0 ... 2101 ... 65535							
sop gop	setObserverParameters getObserverParameters	Observer (20)	Agency (40)							
		Unknown	Unknown							
spm gpm	setPVTMode getPVTMode	Mode	RoverMode	StaticPosition						
		Static Rover	+StandAlone +SBAS +DGPS +RTKFloat +RTKFixed +RTK all	auto Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5						
grc	getReceiverCapabilities									
gri	getReceiverInterface	Item								

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+RxName +SNMPLanguage +SNMPVersion all								
era gra	**exeRegisteredApplications** **getRegisteredApplications**	*Cd* *Cd*	*Application (12)*							
		+COM1 +USB1 +USB2 +IP10 ... IP17 +BT01 all	Unknown							
erf grf	**exeRemoveFile** **getRemoveFile**	*Disk*	*FileName (60)*							
		DSK1	none all							
erst grst	**exeResetReceiver** **getResetReceiver**	*Level*	*EraseMemory*							
		Soft Hard Upgrade	none +Config +Bluetooth +WiFiAccessPoints all							
sr2f gr2f	**setRTCMv2Formatting** **getRTCMv2Formatting**	*ReferenceID*	*GLOToD*							
		0 ... 1023	Tk Tb							
sr2i gr2i	**setRTCMv2Interval** **getRTCMv2Interval**	*Message* *Message*	*ZCount*							
		+RTCM1 +RTCM3 +RTCM9 +RTCM16 +RTCM17 +RTCM22 +RTCM23|24 +RTCM31 +RTCM32 all	1 ... 2 ... 1000							
sr2b gr2b	**setRTCMv2IntervalObs** **getRTCMv2IntervalObs**	*Message* *Message*	*Interval*							
		+RTCM18|19 +RTCM20|21 all	1 ... 600 sec							
sr2m gr2m	**setRTCMv2Message16** **getRTCMv2Message16**	*Message (90)*								
		Unknown								
sr2o gr2o	**setRTCMv2Output** **getRTCMv2Output**	*Cd* *Cd*	*Messages*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+COM1 +USB1 +USB2 +IP10 ... IP17 +NTR1 +IPS1 +IPS2 +IPS3 +BT01 all	none +RTCM1 +RTCM3 +RTCM9 +RTCM16 +RTCM18|19 +RTCM20|21 +RTCM22 +RTCM23|24 +RTCM31 +RTCM32 +RTCM17 +DGPS +RTK all							
sr3d gr3d	**setRTCMv3Delay** **getRTCMv3Delay**	*Delay*								
		0 ... 600 sec								
sr3f gr3f	**setRTCMv3Formatting** **getRTCMv3Formatting**	*ReferenceID*	*MSMSignals*	*GLOL2*						
		0 ... 4095	+GPSL1CA +GPSL2PY +GPSL2C +GLOL1CA +GLOL2CA +GALL1BC +QZSL1CA +QZSL2C all	L2CA L2P						
sr3i gr3i	**setRTCMv3Interval** **getRTCMv3Interval**	***Message*** *Message*	*Interval*							
		+RTCM1001|2 +RTCM1003|4 +RTCM1005|6 +RTCM1007|8 +RTCM1009|10 +RTCM1011|12 +RTCM1013 +RTCM1019 +RTCM1020 +RTCM1029 +RTCM1033 +RTCM1044 +RTCM1045 +MSM1 ... MSM7 all	0.1 ... 1.0 ... 600.0 sec							
sr3m gr3m	**setRTCMv3Message1029** **getRTCMv3Message1029**	*Message (120)*								
		Unknown								
sr3o gr3o	**setRTCMv3Output** **getRTCMv3Output**	***Cd*** *Cd*	*Messages*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
		+ COM1 + USB1 + USB2 + IP10 ... IP17 + NTR1 + IPS1 + IPS2 + IPS3 + BT01 all	none + RTCM1001 + RTCM1002 + RTCM1003 + RTCM1004 + RTCM1005 + RTCM1006 + RTCM1007 + RTCM1008 + RTCM1009 + RTCM1010 + RTCM1011 + RTCM1012 + RTCM1013 + RTCM1019 + RTCM1020 + RTCM1029 + RTCM1033 + RTCM1044 + RTCM1045 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1091 ... RTCM1097 + RTCM1111 ... RTCM1117 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
sst gst	**setSatelliteTracking** **getSatelliteTracking**	*Satellite*								
		none + G01 ... G32 + R01 ... R24 + E01 ... E32 + S120 ... S140 + J01 + J02 + J03 + GPS + GLONASS + GALILEO + SBAS + QZSS all								
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 USB1 USB2 IP10 ... IP17 NTR1 IPS1 IPS2 IPS3 BT01	[SBF List] + Measurements + GPS + GLO + GAL + GEO + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Status + UserGroups + Rinex + Support + RawData + PostProcess + GUI							
sso gso	setSBFOutput getSBFOutput	*Stream* *Stream*	Cd	Messages	Interval					
		+ Stream1 ... Stream8 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 USB1 USB2 IP10 ... IP17 NTR1 IPS1 IPS2 IPS3 BT01	none [SBF List] + Measurements + RawNavBits + GPS + GLO + GAL + GEO + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + DiffCorr + Status + UserGroups + Rinex + Support + RawData + PostProcess + GUI	off OnChange msec10 msec20 msec40 msec50 msec100 msec200 msec500 sec1 sec2 sec5 sec10 sec15 sec30 sec60 min2 min5 min10 min15 min30 min60				
sspc gspc	setStaticPosCartesian getStaticPosCartesian	*Position* *Position*	X	Y	Z	Datum				
		+ 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 Other				
sspg gspg	setStaticPosGeodetic getStaticPosGeodetic	*Position* *Position*	Latitude	Longitude	Altitude	Datum				
		+ Geodetic1 + Geodetic2 + Geodetic3 + Geodetic4 + Geodetic5 all	-90.000000000 ... 0.000000000 ... 90.000000000 deg	-180.000000000 ... 0.000000000 ... 180.00000000 deg	-1000.0000 ... 0.0000 ... 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 Other				
eunc gunc	exeUnblockCellular getUnblockCellular	*PUK (20)*	*PIN (20)*							

Mnm.	Name	Argument 1	Argument 2	Argument 3	Argument 4	Argument 5	Argument 6	Argument 7	Argument 8	Argument 9
swfa gwfa	**setWiFiAccessPoint** **getWiFiAccessPoint**	*SSID (32)*	*EncryptionType*	*Key (40)*	*Channel*	*Hotspot*	*SSIDActual (32)*			
		default	none WPA-PSK WPA2	password	1 … 6 … 11	off on	model-sn			
lwa	**lstWiFiAccessPoints**	***Type***								
		+ Known + Reachable all								
swfm gwfm	**setWiFiMode** **getWiFiMode**	*Enable*	*Mode*							
		off on	AccessPoint Client							

SBF List

ASCIIIn

AttCovEuler

AttEuler

BaseLine

BaseStation

BaseVectorCart

BaseVectorGeod

BatteryStatus

BluetoothStatus

CellularStatus

ChannelStatus

Commands

Comment

DOP

DiffCorrIn

DiskStatus

EndOfAtt

EndOfMeas

EndOfPVT

GALAlm

GALGstGps

GALIon

GALNav

GALRawINAV

GALSARRLM

GALUtc

GEOAlm

GEOClockEphCovMatrix

GEOCorrections

GEODegrFactors

GEOFastCorr

GEOFastCorrDegr

GEOIGPMask

GEOIntegrity

GEOIonoDelay

GEOLongTermCorr

GEOMT00

GEONav

GEONetworkTime

GEOPRNMask

GEORawL1

GEOServiceLevel

GLOAlm

GLONav

GLORawCA

GLOTime

GPSAlm

GPSIon

GPSNav

GPSRawCA

GPSRawL2C

GPSUtc

Group1

Group2

Group3

Group4

IPStatus

InputLink

MeasEpoch

MeasExtra

NTRIPClientStatus

OutputLink

PVTCartesian

PVTGeodetic

PVTResiduals

PVTSatCartesian

PVTSupport

PosCart

PosCovCartesian

PosCovGeodetic

PosLocal

PosProjected

QZSNav

QZSRawL1CA

QZSRawL2C

QualityInd

RAIMStatistics

RTCMDatum

ReceiverSetup

ReceiverStatus

ReceiverTime

RxComponents

SatVisibility

VelCovCartesian

VelCovGeodetic

WiFiAPStatus

WiFiClientStatus