1 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
sam gam	**setAGCMode** **getAGCMode**	***Band*** *Band*	*Mode*	*Gain*						
		+ L1 + L2L5 all	auto frozen manual	0 . . . 35 . . . 70 dB						
lai	**lstAntennaInfo**	***Antenna***								
		Overview Main [antenna name]								
sal gal	**setAntennaLocation** **getAntennaLocation**	***Antenna*** *Antenna*	*Mode*	*DeltaX*	*DeltaY*	*DeltaZ*				
		+ 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 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*							
		0.000 . . . 360.000 deg	-90.000 . . . 0.000 . . . 90.000 deg							
sca gca	**setChannelAllocation** **getChannelAllocation**	***Channel*** *Channel*	*Satellite*	*Search*	*Doppler*	*Window*				
		+ Ch01 ... Ch40 all	auto G01 ... G32 F01 ... F14 E01 ... E32 S120 ... S158 C01 ... C37 J01 J02 J03	auto manual	-50000 . . . 0 . . . 50000 Hz	1 . . . 16000 . . . 100000 Hz				
gcc	**getChannelConfiguration**	*Channel*								
		+ Ch01 ... Ch40 all								
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 sec							

sc2m gc2m	**setCMRv2Message2** **getCMRv2Message2**	*ShortID (8)*	*LongID (50)*	*COGO (16)*						
		Unknown	Unknown	Unknown						
sc2o gc2o	**setCMRv2Output** **getCMRv2Output**	***Cd*** *Cd*	*Messages*							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 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*							
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all	0 . . . 10 . . . 60 dB-Hz							
help	**lstCommandHelp**	***Action (255)***								
		Overview								
scs gcs	**setCOMSettings** **getCOMSettings**	***Cd*** *Cd*	*Rate*	*DataBits*	*Parity*	*StopBits*	*FlowControl*			
		+ COM1 + COM2 + COM3 + COM4 all	baud1200 baud2400 baud4800 baud9600 baud19200 baud38400 baud57600 baud115200 baud230400 baud460800	bits8	No	bit1	none RTS|CTS			
lcf	**lstConfigFile**	***File***								

		Current Boot RxDefault User1 User2								
eccf gccf	**exeCopyConfigFile** **getCopyConfigFile**	***Source***	***Target***							
		Current Boot User1 User2 RxDefault	Current Boot User1 User2							
scda gcda	**setCrossDomainWebAccess** **getCrossDomainWebAccess**	*Mode*								
		off on								
lcu	**lstCurrentUser**									
sdio gdio	**setDataInOut** **getDataInOut**	***Cd*** *Cd*	*Input*	*Output*	*Show*					
		+ DSK1 + COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 + IPR1 + IPR2 + IPR3 all	none CMD RTCMv2 RTCMv3 CMRv2 DC1 DC2 RTCMV ASCIIIN auto	none + RTCMv2 + RTCMv3 + CMRv2 + SBF + NMEA + ASCIIDisplay + DC1 + DC2	(off) (on)					
sdal gdal	**setDefaultAccessLevel** **getDefaultAccessLevel**	*Web*	*Ftp*	*Ip*	*Com*	*Usb*				
		none Viewer User	none Viewer User	none Viewer User	none Viewer User	none Viewer User				
sdca gdca	**setDiffCorrMaxAge** **getDiffCorrMaxAge**	*DGPSCorr*	*RTKCorr*	*PPPCorr*	*Iono*					
		0.0 . . . 400.0 . . . 3600.0 sec	0.0 . . . 20.0 . . . 3600.0 sec	0.0 . . . 360.0 . . . 3600.0 sec	0.0 . . . 600.0 . . . 3600.0 sec					
sdcu gdcu	**setDiffCorrUsage** **getDiffCorrUsage**	*Mode*	*MaxAge*	*BaseSelection*	*BaseID*	*MovingBase*	*MaxBase*	*MaxBaseline*		
		LowLatency	0.1 . . . 3600.0 sec	auto manual	0 . . . 4095	off on	2 . . . 5 . . . 10	0 . . . 2500000 m		
sdfa gdfa	**setDiskFullAction** **getDiskFullAction**	***Disk*** *Disk*	*Action*							
		+ DSK1 all	DeleteOldest StopLogging							
ldi	**lstDiskInfo**	***Disk***	***Directory (60)***							
		DSK1 all								
eecm gecm	**exeEchoMessage** **getEchoMessage**	***Cd***	***Message (242)***	***EndOfLine***						

		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17	A:Unknown	none + CR + LF all						
sem gem	**setElevationMask** **getElevationMask**	***Engine*** *Engine*	*Mask*							
		+ Tracking + PVT all	-90 . . . 0 . . . 90 deg							
sep gep	**setEventParameters** **getEventParameters**	***Event*** *Event*	*Polarity*	*Delay*						
		+ EventA + EventB all	Low2High High2Low	-500.000000 . . . 0.000000 . . . 500.000000 msec						
sfn gfn	**setFileNaming** **getFileNaming**	***Disk*** *Disk*	*NamingType*	*FileName (8)*						
		+ DSK1 all	FileName Incremental IGS15M IGS1H IGS6H IGS24H	log						
sfr gfr	**setFixReliability** **getFixReliability**	***Engine*** *Engine*	*SearchVolume*	*Ratio*						
		+ RTK all	0.001 . . . 0.200 . . . 10.000	1.00 . . . 4.40 . . . 20.00						
sfm gfm	**setFrontendMode** **getFrontendMode**	*Mode*								
		Nominal GLOL2Blocked								
sfpr gfpr	**setFTPPushRINEX** **getFTPPushRINEX**	*Server (32)*	*Path (64)*	*User (12)*	*Password (24)*					
				anonymous						
sfps gfps	**setFTPPushSBF** **getFTPPushSBF**	*Server (32)*	*Path (64)*	*User (12)*	*Password (24)*					
				anonymous						
efup gfup	**exeFTPUpgrade** **getFTPUpgrade**	***Server (32)***	***Path (64)***	***Login (12)***	***Password (24)***					
				anonymous						
sgd ggd	**setGeodeticDatum** **getGeodeticDatum**	*TargetDatum*								
		WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 Default User1 User2								
sgu ggu	**setGeoidUndulation** **getGeoidUndulation**	*Mode*	*Undulation*							
		auto manual	-250.0 . . . 0.0 . . . 250.0 m							
sga gga	**setGNSSAttitude** **getGNSSAttitude**	*Source*								
		none MovingBase								
sgpf ggpf	**setGPIOFunctionality** **getGPIOFunctionality**	***GPPin*** *GPPin*	*Mode*	*Input*	*Output*					

		+ GP1 + GP2 + GP3 all	Output	none	LevelLow LevelHigh					
shm ghm	**setHealthMask** **getHealthMask**	***Engine*** *Engine*	*Mask*							
		+ Tracking + PVT all	off on							
lif	**lstInternalFile**	***File***								
		Permissions Identification Debug Error SisError DiffCorrError SetupError LBAS1Access LBAS1Subscr IPParameters								
sim gim	**setIonosphereModel** **getIonosphereModel**	*Model*								
		auto off Klobuchar SBAS MultiFreq								
sipp gipp	**setIPPortSettings** **getIPPortSettings**	*Command*								
		1 . . . 28784 . . . 65535								
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 (20*					
		+ IPS1 + IPS2 + IPS3 all	0 . . . 65535	TCP UDP	255.255.255.255					
sips gips	**setIPSettings** **getIPSettings**	*Mode*	*IP (16)*	*Netmask (16)*	*Gateway (16)*	*Domain (63)*	*DNS1 (16)*	*DNS2 (16)*		
		DHCP Static	192.168.2.2	255.255.255.0	192.168.2.1		8.8.8.8	8.8.4.4		
llbb	**lstLBandBeams**									
slbb glbb	**setLBandBeams** **getLBandBeams**	***Beam*** *Beam*	*Frequency*	*Rate*	*Name (8)*	*Region (8)*	*Usage*			
		+ User1 ... User16 all	1525000000 . . . 1559000000 Hz	baud600 baud1200 baud2400 baud4800	Unknown	Unknown	Disabled Enabled			
slsm glsm	**setLBandSelectMode** **getLBandSelectMode**	*Mode*	*Service*	*Beam*						

		auto off manual	LBAS1	User1 User2 ... User16 LBAS1|1 LBAS1|2 LBAS1|3 LBAS1|4 LBAS1|5 LBAS1|6 LBAS1|7 LBAS1|8 LBAS1|9 LBAS1|10 LBAS1|11 LBAS1|12 LBAS1|13 LBAS1|14 LBAS1|15 LBAS1|16						
slpc glpc	**setLBAS1PPPConfig** **getLBAS1PPPConfig**	*Source*								
		ULTRA APEX								
llrs	**lstLBAS1RefStations**									
slrs glrs	**setLBAS1RefStations** **getLBAS1RefStations**	***Stream*** *Stream*	*StationID (255)*							
		+ RTCMV all	all							
slm glm	**setLEDMode** **getLEDMode**	*GPLED*								
		DIFFCORLED PVTLED LOGLED								
login	**LogIn**	*UserName (16)*	*Password (32)*							
logout	**LogOut**									
smv gmv	**setMagneticVariance** **getMagneticVariance**	*Mode*	*Variance*							
		auto manual	-180.0 . . . 0.0 . . . 180.0 deg							
emd gmd	**exeManageDisk** **getManageDisk**	***Disk***	***Action***							
		DSK1	Unmount Format							
smp gmp	**setMarkerParameters** **getMarkerParameters**	*MarkerName (6*	*MarkerNumber (*	*MarkerType (20)*						
		SEPT	Unknown	Unknown						
lmd	**lstMIBDescription**	***File (255)***								
		Overview SBFTable								
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 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3	+ ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + AVR + GGK + GFA + GGQ + LLK + GMP + TXTbase							
sno gno	**setNMEAOutput** **getNMEAOutput**	***Stream*** *Stream*	*Cd*	*Messages*	*Interval*					
		+ Stream1 ... Stream10 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3	none + ALM + DTM + GBS + GGA + GLL + GNS + GRS + GSA + GST + GSV + HDT + RMC + ROT + VTG + ZDA + HRP + LLQ + RBP + RBV + RBD + PUMRD + AVR + GGK + GFA + GGQ + LLK + GMP + TXTbase	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*						
		0 . . . 3	Nominal Mode1 Mode2	off only						
snti gnti	**setNMEATalkerID** **getNMEATalkerID**	*TalkerID*								
		GP GN								
snv gnv	**setNMEAVersion** **getNMEAVersion**	*Version*								
		v3x v4x								
snf gnf	**setNotchFiltering** **getNotchFiltering**	***Notch*** *Notch*	*Mode*	*CenterFreq*	*Bandwidth*					

		+ Notch1 all	auto off manual	1100.000 . . . 1700.000 MHz	30 . . . 1600 kHz					
snts gnts	**setNtripSettings** **getNtripSettings**	***Cd*** *Cd*	*Mode*	*Caster (40)*	*Port*	*UserName (20)*	*Password (40)*	*MountPoint (32)*	*Version*	*SendGGA*
		+ NTR1 + NTR2 + NTR3 all	off Server Client		0 . . . 2101 . . . 65535				v1 v2	auto off sec1 sec5 sec10 sec60
lnst	**lstNTRIPSourceTable**	***Caster (40)***	*Port*							
			0 . . . 2101 . . . 65535							
snl gnl	**setNWALevels** **getNWALevels**	*Mode*	*HAL*	*VAL*						
		off on	0.00 . . . 1.20 . . . 1000.00 m	0.00 . . . 2.00 . . . 1000.00 m						
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						
epwm gpwm	**exePowerMode** **getPowerMode**	***Mode***								
		ScheduledSleep StandBy								
spas gpas	**setPPPAutoSeed** **getPPPAutoSeed**	*Mode*								
		none + DGPS + RTKFixed all								
spdo gpdo	**setPPPDatumOffset** **getPPPDatumOffset**	*Mode*	*DX*	*DY*	*DZ*					
		manual	-1000.000 . . . 0.000 . . . 1000.000 m	-1000.000 . . . 0.000 . . . 1000.000 m	-1000.000 . . . 0.000 . . . 1000.000 m					
epss gpss	**exePPPSetSeedGeod** **getPPPSetSeedGeod**	***Latitude***	***Longitude***	***Altitude***	***Datum***					

		-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 User1 User2 Other					
spps gpps	**setPPSParameters** **getPPSParameters**	*Interval*	*Polarity*	*Delay*	*TimeScale*	*MaxSyncAge*				
		off msec100 msec200 msec500 sec1 sec2 sec5 sec10	Low2High High2Low	-1000000.00 . . . 0.00 . . . 1000000.00 nsec	TimeSys UTC RxClock GLONASS	1 . . . 60 . . . 3600 sec				
spm gpm	**setPVTMode** **getPVTMode**	*Mode*	*RoverMode*	*StaticPosition*	*ExtSensorIntegra*					
		Static Rover	+ StandAlone + SBAS + DGPS + RTKFloat + RTKFixed + PPP + RTK all	auto Geodetic1 Geodetic2 Geodetic3 Geodetic4 Geodetic5 Cartesian1 Cartesian2 Cartesian3 Cartesian4 Cartesian5	off SIGIL					
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	Static Quasistatic Pedestrian Automotive RaceCar HeavyMachinery UAV Unlimited							
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 (60)***							
		DSK1	none all							
ernf grnf	**exeResetNavFilter** **getResetNavFilter**	***Level***								
		+ PVT + AmbRTK all								
erst grst	**exeResetReceiver** **getResetReceiver**	***Level***	***EraseMemory***							
		Soft Hard Upgrade	none + Config + PVTData + SatData + BaseStations all							
srxl grxl	**setRINEXLogging** **getRINEXLogging**	***Cd*** *Cd*	*FileDuration*	*ObsInterval*	*SignalTypes*	*ExtraObsTypes*	*RINEXVersion*	*MixedNav*		
		+ DSK1 all	none hour1 hour6 hour24 minute15	sec1 sec2 sec5 sec10 sec30 sec60	none + GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all	none + Dx + Sx all	v2x v3x	off on		
sr2c gr2c	**setRTCMv2Compatibility** **getRTCMv2Compatibility**	*PRCType*	*GLOToD*							
		Standard GroupDelay	Tk Tb							
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***							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 all	none + RTCM1 + RTCM3 + RTCM9 + RTCM16 + RTCM18|19 + RTCM20|21 + RTCM22 + RTCM23|24 + RTCM31 + RTCM32 + RTCM17 + DGPS + RTK all							
sr2u gr2u	**setRTCMv2Usage** **getRTCMv2Usage**	*MsgUsage*								
		none + RTCM1 + RTCM3 + RTCM9 + RTCM15 + RTCM18|19 + RTCM20|21 + RTCM22 + RTCM23|24 + RTCM31 + RTCM32 + RTCM17 + RTCM59 all								
sr3t gr3t	**setRTCMv3CRSTransfo** **getRTCMv3CRSTransfo**	*Mode*	*TargetName (32)*							
		auto manual								
sr3d gr3d	**setRTCMv3Delay** **getRTCMv3Delay**	*Delay*								
		0 . . . 600 sec								
sr3f gr3f	**setRTCMv3Formatting** **getRTCMv3Formatting**	*ReferenceID*	*MSMSignals*	*GLOL2*						
		0 . . . 4095	+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 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*							
		+ COM1 + COM2 + COM3 + COM4 + USB1 + USB2 + IP10 ... IP17 + NTR1 + NTR2 + NTR3 + IPS1 + IPS2 + IPS3 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 + RTCM1121 ... RTCM1127 + MSM1 + MSM2 + MSM3 + MSM4 + MSM5 + MSM6 + MSM7 all							
sr3u gr3u	**setRTCMv3Usage** **getRTCMv3Usage**	*MsgUsage*								

		none + RTCM1001 ... RTCM1013 + RTCM1015 + RTCM1016 + RTCM1017 + RTCM1019 + RTCM1021 ... RTCM1027 + RTCM1033 + RTCM1037 + RTCM1038 + RTCM1039 + RTCM1071 ... RTCM1077 + RTCM1081 ... RTCM1087 + RTCM1121 ... RTCM1127 + RTCM1029 all								
sst gst	**setSatelliteTracking** **getSatelliteTracking**	*Satellite*								
		none + G01 ... G32 + R01 ... R30 + E01 ... E32 + S120 ... S158 + C01 ... C37 + J01 + J02 + J03 + GPS + GLONASS + GALILEO + SBAS + COMPASS + QZSS all								
ssu gsu	**setSatelliteUsage** **getSatelliteUsage**	*Satellite*								
		none + G01 ... G32 + R01 ... R24 + R25 + R26 + R27 + R28 + R29 + R30 + E01 ... E32 + S120 ... S158 + C01 ... C37 + GPS + GLONASS + GALILEO + SBAS + COMPASS all								
ssbc gsbc	**setSBASCorrections** **getSBASCorrections**	*Satellite*	*SISMode*	*NavMode*	*DO229Version*					
		auto EGNOS WAAS MSAS S120 ... S158	Test Operational	EnRoute PrecApp MixedSystems	auto DO229C					
ssgp gsgp	**setSBFGroups** **getSBFGroups**	***Group*** *Group*	*Messages*							

		+ Group1 + Group2 + Group3 + Group4 all	none [SBF List] + Measurements + RawNavBits + GPS + GLO + GAL + GEO + CMP + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Events + DiffCorr + Status + LBand + Rinex + Support + RawData + PostProcess + GUI							
esoc gsoc	**exeSBFOnce** **getSBFOnce**	***Cd***	***Messages***							
		DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3	[SBF List] + Measurements + GPS + GLO + GAL + GEO + CMP + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Status + LBand + UserGroups + Rinex + Support + RawData + PostProcess + GUI							
sso gso	**setSBFOutput** **getSBFOutput**	***Stream*** *Stream*	*Cd*	*Messages*	*Interval*					
		+ Stream1 ... Stream10 + Res1 + Res2 + Res3 + Res4 all	none DSK1 COM1 COM2 COM3 COM4 USB1 USB2 IP10 ... IP17 NTR1 NTR2 NTR3 IPS1 IPS2 IPS3	none [SBF List] + Measurements + RawNavBits + GPS + GLO + GAL + GEO + CMP + QZS + PVTCart + PVTGeod + PVTExtra + Attitude + Time + Event + DiffCorr + Status + LBand + 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					

snt gnt	**setSignalTracking** **getSignalTracking**	*Signal*								
		+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all								
snu gnu	**setSignalUsage** **getSignalUsage**	*PVT*	*NavData*							
		+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b all	+ GPSL1CA + GPSL1PY + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all							
ssi gsi	**setSmoothingInterval** **getSmoothingInterval**	***Signal*** *Signal*	*Interval*	*Alignment*						
		+ GPSL1CA + GPSL2PY + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all	0 . . . 1000 sec	0 . . . 1000 sec						
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 User1 User2 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 . . . 180.000000000 deg	-1000.0000 . . . 0.0000 . . . 30000.0000 m	WGS84 ETRS89 NAD83 NAD83_PA NAD83_MA GDA94 User1 User2 Other				
sts gts	**setTimingSystem** **getTimingSystem**	*System*								
		GST GPS								
stlp gtlp	**setTrackingLoopParameters** **getTrackingLoopParameters**	***Signal*** *Signal*	*DLLBandwidth*	*PLLBandwidth*	*MaxTpDLL*	*MaxTpPLL*	*Adaptive*			
		+ GPSL1CA + Reserved1 + Reserved2 + GPSL2C + GPSL5 + GLOL1CA + GLOL2P + GLOL2CA + GLOL3 + GALL1BC + GALE5a + GALE5b + GALE5 + GEOL1 + GEOL5 + CMPL1 + CMPE5b + QZSL1CA + QZSL2C + QZSL5 all	0.01 . . . 0.25 . . . 5.00 Hz	1 . . . 15 . . . 100 Hz	1 . . . 100 . . . 500 msec	1 . . . 10 . . . 200 msec	off on			
stm gtm	**setTroposphereModel** **getTroposphereModel**	*ZenithModel*	*MappingModel*							
		off Saastamoinen MOPS	Niell MOPS							
stp gtp	**setTroposphereParameters** **getTropospherePara meters**	*Temperature*	*Pressure*	*Humidity*						
		-100.0 . . . 15.0 . . . 100.0 degC	800.00 . . . 1013.25 . . . 1500.00 hPa	0 . . . 50 . . . 100 %						
sual gual	**setUserAccessLevel** **getUserAccessLevel**	***UserID*** *UserID*	*UserName (16)*	*Password (32)*	*UserLevel*					
		+ 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*						
		+ User1 + User2 all	6300000.000 . . . 6378137.000 . . . 6400000.000 m	290.000000000 . . . 298.25722356 . . . 305.00000000						
swui gwui	**setWakeUpInterval** **getWakeUpInterval**	*WakeUpTime (3*	*AwakeDuration*	*RepetitionPeriod*						
		2000-01-01 00:00:0	0 . . . 604800 sec	0 . . . 604800 sec						

2 SBF List

ASCIIIn
AttCovEuler
AttEuler
BBSamples
BaseLine
BaseStation
BaseVectorCart
BaseVectorGeod
CMPNav
CMPRaw
ChannelStatus
Commands
Comment
DOP
DiffCorrIn
DiskStatus
EndOfAtt
EndOfMeas
EndOfPVT
ExtEvent
ExtEventPVTCartesian
ExtEventPVTGeodetic
GALAlm
GALGstGps
GALIon
GALNav
GALRawFNAV
GALRawINAV
GALSARRLM
GALUtc
GEOAlm
GEOClockEphCovMatrix
GEOCorrections
GEODegrFactors
GEOFastCorr
GEOFastCorrDegr
GEOIGPMask
GEOIntegrity
GEOIonoDelay
GEOLongTermCorr
GEOMT00
GEONav
GEONetworkTime
GEOPRNMask
GEORawL1
GEORawL5
GEOServiceLevel
GLOAlm
GLONav
GLORawCA
GLOTime
GPSAlm
GPSIon
GPSNav
GPSRawCA
GPSRawL2C
GPSRawL5
GPSUtc
Group1
Group2
Group3
Group4
IPStatus
IQCorr
ISMR
InputLink
LBAS1DecoderStatus
LBAS1Messages
LBandBeams
LBandTrackerStatus
MeasEpoch
MeasExtra
NTRIPClientStatus
OutputLink
PVTCartesian
PVTGeodetic
PVTResiduals
PVTSatCartesian
PVTSupport
PosCart
PosCovCartesian
PosCovGeodetic
PosLocal
PosProjected
QZSNav
QZSRawL1CA
QZSRawL2C
QZSRawL5
QualityInd
RAIMStatistics
RTCMDatum
ReceiverSetup
ReceiverStatus
ReceiverTime
SatVisibility
VelCovCartesian
VelCovGeodetic
xPPSOffset