

Gateway	Sensor Node	SNode Port	Port	dtype	instance	source_id	name	loc	pow	period (msec)	baud	SSDS ID#	Manufacturer Serial #	location g: gateway u: unit i,e:int/ext s: snode p: port	Instrument	Model #	Approximate Sample Len (Bytes)	Overhead	Samples/hour	Bytes/hour	MB/day	Overhead %	%Total	Data Format	
0			/dev/CN	sysmvc	0		sysmvc0	sys		60000		1841	0		swFOCE sysmvc	MVC	60	26	60	5160	0.118	0.302	0.070	powv,gfseq,gf[0:1],h2ov,statv, adc[0:15]	
1				sysgw	0		sysgw1	sys		60000		1839	1	g1	swFOCE gw	gateway	80	26	60	6360	0.146	0.245	0.093	snpow_states, isn0...isn3,igfl, igfh, i48v, h20_alm, env_alm, env_rh, env_t, tvic	
1				sysn	0		sysn1	sys		60000		1842	1	g1	swFOCE sysn	sensor node service	314	26	60	20400	0.467	0.076	0.299	pow_vect,lbus,Vbus,lport[0:3],I4-20mA...	
1			/dev/ttyME00	sysmeh	0		sysmeh1	sys		60000	115200	1844	1	meh1	swFOCE sysmeh	Main Electronics Housing	90	26	60	6960	0.159	0.224	0.102	relayv,adc_channels,MC1_raw,MC1,MC2_raw,MC2,temp,rh,h20.1,h2o.2	
1			/dev/ttyME01	thruster	0		thruster10	int			9600		-	g1	-	-	0	26	0	0	0.000	0.000	0.000	0	
1				csys	0		control1	sys					-		-	-	0	26	0	0	0.000	0.000	0.000	0	
1	0	0	00	sbe18s	0		ph10	ext	ALWAYS	60000	38400	1813	181067	g1u2i	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.051	pH,Volts,Temp,corr	
1	0	1	01	sbe18s	1		ph11	fwd	ALWAYS	60000	38400	1812	181069	g1u2i	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.051	pH,Volts,Temp,corr	
1	0	2	02	sbe52	0		ctdo10	ext	ALWAYS	60000	9600	1642	5248478-0047	g1u2i	Seabird SBE 52-MP CTD	SBE52MP-43F	36	26	60	3720	0.085	0.419	0.054	C,T,P,DO	
1	0	3	03	none	0		pump10	man	ALWAYS	0		1850	57936		Pump	SBE5T	0	26	0	0	0.000	0.000	0.000	-	
1	1	0	10	sbe18s	2		ph12	ext	ALWAYS	60000	38400	1818	181066	g1u1e	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.051	pH,Volts,Temp,corr	
1	1	1	11	sbe18s	3		ph13	fwd	ALWAYS	60000	38400	1817	181065	g1u1e	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.051	pH,Volts,Temp,corr	
1	1	2	12	sbe52	1		ctdo11	ext	ALWAYS	60000	9600	1733	5248478-0044	g1u1e	Seabird SBE 52-MP CTD	SBE52MP-43F	36	26	60	3720	0.085	0.419	0.054	C,T,P,DO	
1	1	3	13	none	0		pump11	man	ALWAYS	0		1837	54258		Pump	SBE5T	0	26	0	0	0.000	0.000	0.000	-	
1	2	0	20	satpar	0		par10	ext	ALWAYS	60000	19200	1824	401	g1s2p0i	PAR Sensor	PAR-SER-ICSW	38	26	60	3840	0.088	0.406	0.056	id,time,PAR_counts,chksum	
1	2	1	21	satpar	1		par11	int	ALWAYS	60000	19200	1830	400	g1s2p1e	PAR Sensor	PAR-SER-ICSW	38	26	60	3840	0.088	0.406	0.056	id,time,PAR_counts,chksum	
1	2	2	22										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
1	2	3	23										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
1	3	0	30	eswv	0		eswv10	man	ALWAYS	60000	9600		-	g1s3p0	-	-	0	26	60	1560	0.036	1.000	0.023	0	
1	3	1	31	ethruster	0		ethruster10	sys	ALWAYS	60000	19200	1852	WHI10267679		Elmo Motor Controller	WHI-A10/60	40	26	60	3960	0.091	0.394	0.058	jog_velocity, velocity_cmd, feedback_velocity, velocity_err,iq,id,status_reg,motor_fault_reg	
1	3	2	32	none			flow10	sys	ALWAYS	0			-	g1	-	-	0	26	0	0	0.000	0.000	0.000	0	
1	3	3	33	none	0		ethruster10_pow	sys	ALWAYS	0			-		-	-	0	26	0	0	0.000	0.000	0.000	0	
																			780	68280	1.56	0.414	1.000		
2				sysgw	0		sysgw2	sys		60000		1840	2	g2	swFOCE gw	gateway	80	26	60	6360	0.146	0.245	0.115	snpow_states, isn0...isn3,igfl, igfh, i48v, h20_alm, env_alm, env_rh, env_t, tvic	
2				sysn	0		sysn2	sys		60000		1843	2	g2	swFOCE sysn	sensor node service	314	26	60	20400	0.467	0.076	0.369	pow_vect,lbus,Vbus,lport[0:3],I4-20mA...	
2			/dev/ttyME00	sysmeh	0		sysmeh2	sys		60000	115200	1845	2	meh2	swFOCE sysmeh	Main Electronics Housing	90	26	60	6960	0.159	0.224	0.126	relayv,adc_channels,MC1_raw,MC1,MC2_raw,MC2,temp,rh,h20.1,h2o.2	
2			/dev/ttyME01	thruster	0		thruster20	sys			9600		-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2				csys	0		control2	sys					-	g2	-	-	0	26	0	0	0.000	0.000	0.000	0	
2	0	0	00	sbe18s	0		ph20	ext	ALWAYS	60000	38400	1848	180943	g2u3e	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.063	pH,Volts,Temp,corr	
2	0	1	01	sbe18s	1		ph21	fwd	ALWAYS	60000	38400	1833	181070	g2u3i	Digital pH Sensor	SBE18S	32	26	60	3480	0.080	0.448	0.063	pH,Volts,Temp,corr	
2	0	2	02	sbe52	0		ctdo20	ext	ALWAYS	60000	9600	1752	5248478-0046	g2u3i	Seabird SBE 52-MP CTD	SBE52MP-43F	36	26	60	3720	0.085	0.419	0.067	C,T,P,DO	
2	0	3	03	none	0		pump20	man	ALWAYS	0		1836	54310		Pump	SBE5T	0	26	0	0	0.000	0.000	0.000	-	
2	1	0	10										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	1	1	11										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	1	2	12										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	1	3	13										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	2	0	20	satpar	0		par20	ext	ALWAYS	60000	19200	1820	402	g2s2p0i	PAR Sensor	PAR-SER-ICSW	38	26	60	3840	0.088	0.406	0.069	id,time,PAR_counts,chksum	
2	2	1	21	satpar	1		par21	int	ALWAYS	60000	19200		-	g2s2p1e	-	-	0	26	60	1560	0.036	1.000	0.028	0	
2	2	2	22										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	2	3	23										-		-	-	0	26	0	0	0.000	0.000	0.000	0	
2	3	0	30	eswv	0		eswv20	man	ALWAYS	60000	9600		-	g2s3p0	-	-	0	26	60	1560	0.036	1.000	0.028	0	
2	3	1	31	ethruster	0		ethruster20	sys	ALWAYS	60000	19200	1853	SOL10269910		Elmo Motor Controller	SOL-WHIA10/60E03	40	26	60	3960	0.091	0.394	0.072	jog_velocity, velocity_cmd, feedback_velocity, velocity_err,iq,id,status_reg,motor_fault_reg	
2	3	2	32	none			flow20	sys	ALWAYS	0			-	g2	-	-	0	26	0	0	0.000	0.000	0.000	0	
2	3	3	33	none	0		ethruster20_pow	sys	ALWAYS	0			-		-	-	0	26	0	0	0.000	0.000	0.000	0	
																				600	55320	1.27	0.466	1.000	