SBE 16plus-IM V2 SeaCAT Reference Sheet

(see SBE 16plus-IM V2 User's Manual for complete details)

Sampling Modes

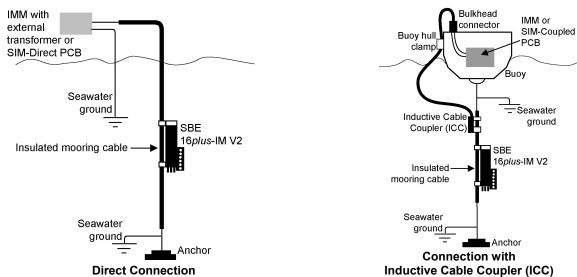
- **Polled** 16*plus*-IM V2 takes one sample and transmits data.
- Autonomous At pre-programmed intervals, 16plus-IM V2 wakes up, samples, stores data in FLASH memory, and powers off.
- Combo Last Autonomous sampling data is transmitted.

Setup

- 1. Double click on SeatermV2.exe. In Instruments menu, select SBE 16plus V2 IM. SeatermIM opens.
- 2. In Communications menu, select *Configure*. In dialog box, input Comm port and baud rate. Set ID to *Automatically get ID* for 1 16*plus*-IM V2 on line; set ID to *Use fixed ID* for multiple IM instruments on line. Click OK.
- 3. SeatermIM automatically connects to 16*plus*-IM V2. As it connects, it sends #iiGetHD and displays response, and then fills Send Commands window with list of commands for your 16*plus*-IM V2.
- 4. Ensure all data has been uploaded from memory, and then send **#iiInitLogging** to make entire memory available for recording. If **#iiInitLogging** is not sent, data will be stored after last recorded sample.
- 5. Set Date and Time (#iiDateTime=).
- 6. Set up other parameters as desired see Command Instructions and List.

Deployment

- 1. Install fresh batteries:
 - A. *Remove modem end cap*: Wipe dry housing/end cap seam. Remove 3 flat Phillips-head screws from end cap. Pull end cap out. Disconnect Molex connector connecting end cap to battery pack. Wipe O-ring mating surfaces in housing with lint-free cloth.
 - B. *Remove battery cover plate and batteries*: Remove 3 Phillips-head screws and washers from battery cover plate; remove cover plate. Turn 16*plus*-IM V2 over and remove batteries.
 - C. Reinstall batteries, cover plate, and end cap: Install new batteries, with + terminals against flat battery contacts and terminals against spring contacts. Reinstall battery cover plate and 3 screws/washers. Remove water from O-rings and mating surfaces with lint-free cloth. Inspect O-rings and mating surfaces for dirt, nicks, and cuts. Clean as necessary. Apply light coat of O-ring lubricant to O-ring and mating surfaces. Plug Molex connector together. Fit end cap into housing. Reinstall 3 Phillips-head screws to secure.
- 2. Attach 16plus-IM V2 to insulated mooring cable with Sea-Bird mounting brackets. Install (optional) ICC on mooring cable.
- 3. See 16plus-IM V2 manual for SIM wiring and configuration; see IMM manual for IMM wiring and configuration.



Data Upload (see manual for fast upload via internal RS-232 connector)

- 1. Double click on SeatermV2.exe. In Instruments menu, select SBE 16plus V2 IM. SeatermIM opens.
- 2. In Communications menu, select *Configure*. In dialog box, input Comm port and baud rate. Set ID to *Automatically get ID* for 1 16*plus*-IM V2 on line; set ID to *Use fixed ID* for multiple IM instruments on line. Click OK.
- SeatermIM automatically connects to 16plus-IM V2. As it connects, it sends #iiGetHD and displays response, and then fills Send Commands window with list of commands for your 16plus-IM V2.
- 4. If sampling autonomously (logging), command 16plus-IM V2 to stop logging by sending #iiStop.
- 5. Click Upload menu to upload stored data.
- 6. Run SBE Data Processing to convert uploaded .hex file to .cnv file for use by other modules in data processing software. Process file and review data to ensure all data has been uploaded.

Command Instructions and List

Shown below are the commands used most commonly in the field. See the Manual for complete listing and detailed descriptions.

	Cotoss	Command	Description	
Function IMM Commands	Category	Command	See IMM manual.	
IIVIIVI Commanus		PwrOn	Send wakeup tone to all 16plus-IM V2s.	
SIM Commands	Power-On	PwrOff	Send power off command to all 16 <i>plus</i> -IM V2s. Logging and memory unaffected.	
		AutoPwrOn=x	x=Y (default): Send PwrOn to 16 <i>plus</i> -IM V2s when power applied to SIM.	x=N: Do not.
	Status	DS	Display SIM firmware version and setup parameters.	
	Comms	Baud=x	x= baud from SIM to computer (1200, 2400, 4800, or 9600). Default 9600.	
		DataNNMax=x	x= timeout that applies to iiData or Dataii; default 1000 millisec.	
		RelayMax=x	x= timeout that applies to all other commands; default 20 seconds.	
		EchoOn EchoOff	Echo characters received from computer.	Do not.
	Global Get Data	DateTime=	Set all real-time clocks: month, day, year, hour, minute, second.	
		mmddyyyyhhmmss		
		GData	Command all 16plus-IM V2 communication microcontrollers to get data from acquisition	
16plus-IM V2		!:D-4 D-4-!!	microcontrollers. Communication microcontrollers hold data in buffer until receiving iiI Get data obtained with GData from 16plus-IM V2 with ID=ii.	Data or Dataii.
Communication Microcontroller	Get Data	iiData or Dataii ID?	Display 16 <i>plus</i> -IM V2 ID (ID = ii, where ii=0 to 99)	
Commands	16plus-IM V2 ID	ть:	Set ID to ii (ii=0 to 99). Only one 16 <i>plus</i> -IM V2 can be on line or all 16 <i>plus</i> -IM V2s on	ling will have
Communus		*ID=ii	same ID. Computer responds by requesting verification.	illie will liave
	Status	!iiDS	Display communication microcontroller status.	
	Timeout	!iiWait=x	x= time to wait for response from acquisition microcontroller. Range $2-600$ sec.	
		#iiGetCD	Get and display configuration data (setup parameters).	
		#iiGetSD	Get and display status data.	
		#iiGetCC	Get and display calibration coefficients.	
	Status	#iiGetEC	Get and display event counter data.	
		#iiResetEC	Reset all events in event counter.	
		#iiGetHD	Get and display hardware data.	
		#iiDS	Display status and setup parameters.	
		#iiDCal	Display calibration coefficients.	
	General Setup	#iiDateTime=	Set real-time clock month, day, year, hour, minute, second.	
		mmddyyyyhhmmss		
		#iiOutputExecutedTag=x	x=Y: Display XML Executing and Executed tags.	x=N: Do not
		#iiPumpMode=x	x=0: No pump. x=1: Run pump for 0.5 seconds before	re each sample
		#iiNCycles=x	x=2: Run pump during each sample. x= number of samples to take and average every #iiSampleInterval seconds.	
		#IINCycles—x	After uploading all data, send this command before starting to log to make entire memor	y available for
		#iiInitLogging	recording. If not sent, data stored after last sample.	y available for
		#iiBioWiper=x	x=Y: Configuration includes WET Labs sensor with Bio-Wiper.	x=N: Does not
	Pressure	#iiRefPress=x	x= reference pressure (decibars) (for 16 <i>plus</i> -IM V2 without pressure sensor).	
	Setup	#iiParosIntegration=x	x= integration time (sec) for Quartz pressure sensor $(1-600 sec; default 1 sec)$.	
		#iiVolt0=x, #iiVolt1=x,	x=Y : Enable external voltage (voltage 0, 1, 2, 3, 4, or 5).	
	Voltage Sensor Setup	#iiVolt2=x, #iiVolt3=x,	x=N: Do not.	
		#iiVolt4=x, #iiVolt5=x		(0. 60.0
		#iiDelayBeforeSampling=x	x= time (sec) to wait after powering external voltages and RS-232 sensors before sampli	ng (0-600 sec;
16plus-IM V2			default 0). $x = time$ (sec) to wait after sampling complete, before turning off power to external volta	ge and DC 232
Acquisition Microcontroller		#iiDelayAfterSampling=x		ge and R5-232
		#IIDCIayAtterSampling-x	ISENSOFS (U-100 Sec: default 0).	
Commands			sensors (0-100 sec; default 0). x=Y : Enable SBE 63 optical dissolved oxygen sensor.	x=N: Do not
Commands (ii =		#iiSBE63=x #iiSBE38=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor.	
(ii =	DC 222	#iiSBE63=x		x=N: Do no
(ii =	RS-232	#iiSBE63=x #iiSBE38=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor.	x=N: Do no x=N: Do no
(ii =	RS-232 Setup	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x	 x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. 	x=N: Do no x=N: Do no x=N: Do no x=N: Do no
(ii =		#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x	 x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. 	x=N: Do no x=N: Do no x=N: Do no x=N: Do no x=N: Do no
(ii =		#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x	 x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. 	x=N: Do not x=N: Do not x=N: Do not x=N: Do not x=N: Do not
(ii =		#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOptode=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal.	x=N: Do not x=N: Do not x=N: Do not x=N: Do not x=N: Do not
(ii =	Setup	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutlgTD=x #iiOutputFormat=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. XML.	x=N: Do no
(ii =		#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutgTD=x #iiOutgutFormat=x #iiOutputSal=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. x=5: converted data, decimal, XML. x=Y: Calculate salinity (psu) (if #iiOutputFormat=3 or 5).	x=N: Do no
(ii =	Setup Output	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutlgTD=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSV=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. x=5: converted data, decimal, XML. x=Y: Calculate salinity (psu) (if #iiOutputFormat=3 or 5). x=Y: Calculate sound velocity (m/sec) (if #iiOutputFormat=3 or 5).	x=N: Do no
(ii =	Setup Output Format	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOutpotde=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSV=x #iiOutputUCSD=x	<pre>x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.</pre>	x=N: Do no
(ii =	Setup Output Format	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOutpotGe=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSV=x #iiOutputUCSD=x #iiOutputSampleNumber=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Setup Output Format	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOutpode=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSV=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. x=Y: Calculate salinity (psu) (if #iiOutputFormat=3 or 5). x=Y: Calculate sound velocity (m/sec) (if #iiOutputFormat=3 or 5). x=Y: Calculate sigma-t, battery voltage, operating current (if #iiOutputFormat=3 or 5). x=Y: Output sample number with data (if #iiOutputFormat=3 or 5). x = interval between samples (10 - 14400 sec).	x=N: Do no
(ii =	Output Format Setup	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutpUTD=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSV=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. x=Y: Calculate salinity (psu) (if #iiOutputFormat=3 or 5). x=Y: Calculate sound velocity (m/sec) (if #iiOutputFormat=3 or 5). x=Y: Calculate sigma-t, battery voltage, operating current (if #iiOutputFormat=3 or 5) x=Y: Output sample number with data (if #iiOutputFormat=3 or 5). x = interval between samples (10 - 14400 sec). Start logging now. Data stored in FLASH memory.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOutputFormat=x #iiOutputFormat=x #iiOutputSV=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime=	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex. x=1: converted data, Hex. x=2: raw data, decimal. x=3: converted data, decimal. x=Y: Calculate salinity (psu) (if #iiOutputFormat=3 or 5). x=Y: Calculate sound velocity (m/sec) (if #iiOutputFormat=3 or 5). x=Y: Calculate sigma-t, battery voltage, operating current (if #iiOutputFormat=3 or 5). x=Y: Output sample number with data (if #iiOutputFormat=3 or 5). x = interval between samples (10 - 14400 sec).	x=N: Do no
(ii =	Output Format Setup	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutputFormat=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiWetLabs=x #iiOtD=x #iiOutpotGe=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiDualGTD=x #iiOptode=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater #iiStop	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling (Logging)	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiWetLabs=x #iiOtD=x #iiOutpotGe=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling (Logging)	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiOtD=x #iiOptode=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater #iiStop #iiSL	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
(ii =	Output Format Setup Autonomous Sampling (Logging)	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutputFormat=x #iiOutputFormat=x #iiOutputSal=x #iiOutputUCSD=x #iiOutputSampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater #iiStop #iiSL #iiSL	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do no
	Output Format Setup Autonomous Sampling (Logging)	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutputFormat=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSU=x #iiOutputSU=x #iiOutputSU=x #iiOutputStampleNumber=x #iiSampleInterval=x #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater #iiStop #iiSL #iiSL #iiSLT #iiTS	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do not
(ii =	Output Format Setup Autonomous Sampling (Logging)	#iiSBE63=x #iiSBE38=x #iiSBE50=x #iiWetLabs=x #iiGTD=x #iiOutputFormat=x #iiOutputFormat=x #iiOutputSal=x #iiOutputSU=x #iiOutputSU=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiOutputSuputFormat=x #iiSampleInterval=x #iiStartNow #iiStartNow #iiStartDateTime= mmddyyyyhhmmss #iiStartLater #iiStop #iiSL #iiSLT #iiTS #iiTS	x=Y: Enable SBE 63 optical dissolved oxygen sensor. x=Y: Enable SBE 38 secondary temperature sensor. x=Y: Enable SBE 50 secondary pressure sensor. x=Y: Enable WET Labs RS-232 sensor. x=Y: Enable GTD. x=Y: Enable dual GTDs. x=Y: Enable Aanderaa Optode. x=0: output raw data, Hex.	x=N: Do not