

1: Revised: Tuesday, January 28, 2020
 2: Revision:

3:
 4:
 5:
 6:
 7:
 8:
 9:

10: Bill Of Materials July 9,2020 15:44:59 Page1

11:	12: Item	13: Quantity	14: Reference	15: Part	16: SheetName
15:	1	6	BT1 BATTERY		
16:			BT2 BATTERY		
17:			BT3 BATTERY		
18:			BT4 BATTERY		
19:			BT5 BATTERY		
20:			BT6 BATTERY		
21:	2	1	CCA1	Mother Board (MoBo)	
22:	3	3	CCA2	Power Switch Board	
23:			CCA3	Power Switch Board	
24:			CCA4	Power Switch Board	
25:	4	1	CCA5	Internal Sensor Board (ISB)	
26:	5	1	CCA7	Bluetooth Board (BTB)	
27:	6	1	CCA10	LHE	
28:	7	1	Elmo Twitter	Elmo Solo Twitter	
29:	8	1	FA27	FA-Optode Fiber Assy	
30:	9	1	J10	SPARE	
31:	10	1	J11	BATT CHRGR	
32:	11	1	J14	OPTODE	
33:	12	1	J15	uC Comms	
34:	13	1	J16	OCR504	
35:	14	1	J17	FLBB	
36:	15	1	MOD1	Mikroelektronika GNSS 5 GPS	
37:	16	1	MOD2	A3LA-R Iridium Modem	
38:	17	1	MOD3	CTD - SBE41cp CCA	
39:	18	1	MOD4	Maxon EC90 Motor	
40:	19	1	MOD5	MSC (pH/Nitrate)	
41:	20	1	MOD6	Spectrometer	
42:	21	1	MOD7	Fiberlight	
43:	22	1	MOD9	Position Xducer	
44:	23	1	MOD10	On Switch	
45:	24	1	MOD11	Off Switch	
46:	25	1	MOD12	Trident Antenna	
47:	26	1	MOD14	MV Controller	

48:	27	2	MOD15	pH SENSOR
49:			WH28	pH sensor
50:	28	1	MOD16	NITRATE SENSOR
51:	29	1	MOD18	MV Motor
52:	30	1	MOD19	Hall Open
53:	31	1	MOD20	Hall Close
54:	32	1	MOD21	CTD - SBE41cp Wet
55:	33	1	Q1 DNI	IXFN200N10L2 MOSFET
56:	34	1	WH1	WH-LHE to MoBo/ISB
57:	35	1	WH2	WH-uC COMMS int
58:	36	1	WH3	WH-GPS
59:	37	1	WH4	WH-CTD Pwr/Comms
60:	38	1	WH5	WH-Pump Motor
61:	39	1	WH6	WH-Bluetooth Board
62:	40	1	WH7	WH-Iridium
63:	41	1	WH8	WH-On/Off Switches
64:	42	1	WH9	WH-Optode
65:	43	1	WH10	WH-OCR504
66:	44	1	WH11	WH-FLBB
67:	45	1	WH12	WH-Mot Valve
68:	46	1	WH14	WH-MSD
69:	47	1	WH15	WH-Spec Pwr
70:	48	1	WH16	WH-Spec Comms
71:	49	1	WH17	WH-Fiberlight
72:	50	1	WH18	WH-Pos Xducer
73:	51	1	WH19	WH-uC Comms ext
74:	52	1	WH20	WH-Batt Chrgr ext
75:	53	1	WH21	WH-Batt Chrgr int
76:	54	1	WH22	WH-On/Off Switches LHE
77:	55	1	WH26	WH-Mot Valve Halls
78:	56	1	WH28	WH-pH sensor
79:	57	1	WH29	WH-Batt Chrgr Subconn
80:	58	1	WH48	GPS Antenna
81:	59	1	WH49	Iridium Antenna
82:				