

Item#	ITEM	Part number	Check	Notes	Container Loc	ECCN	Origin	Weight lbs	Cost USD
4	Spare heading sensor	PNI, s.n. 12397v2.8	☐		G20			5	\$3,000.00
5	box of assorted rubber hose & fittings		☐		G20			5	\$200.00
6	Serial expansion can spares (DGHs)		☒		G20			5	\$200.00
Items that are not yet packed or located									
							Subtotal	15	\$3,400.00
1	20kW Power Supply,	Magna	☐		G20			200	\$7,600.00
2	Spare 20kW Power Supply,	Magna	☐		G20			200	\$7,600.00
3	ROV Belly pack	MBARI-0286	☐		G20			5	\$200.00
4	GFI box	MBARI-0283	☐		G20			20	\$150.00
5	orings (4 boxes)	McMaster-Carr	☐		G20			5	\$100.00
6	test cables	MBARI	☐		G20			10	\$100.00
7	Seaconn dummy connectors	Seaconn-Branter	☐		G20			7	\$3,000.00
8	Spare DC-DC converters	Vicor	☐		G20			10	\$3,000.00
9	Spare Wago stacks (EPod and Clump)	Wago	☐		G20			7	\$2,000.00
10	Vinfinity +5V supply	Vinfinity	☐		G20			5	\$100.00
11	Crydom solid state contactor	Crydom	☐		G20			1	\$100.00
12	Crydom 60V relay	Crydom	☐		G20			1	\$50.00
13	automotive blade fuses	Littelfuse	☐		G20			1	\$50.00
14	Pico fuses	Littelfuse	☐		G20			1	\$50.00
15	PCTron fuses	Littelfuse	☐		G20			1	\$50.00
16	Cylindrical fuses	Littelfuse	☐		G20			1	\$50.00
17	subconn dummy plugs	subconn	☐		G20			1	\$2,000.00
18	Subconn locking sleeves	subconn	☐		G20			1	\$1,000.00
19	Serial converters	B&B Electronics	☐		G20			1	\$200.00
20	thruster test cables	MBARI	☐		G20			1	\$100.00
21	Special Seacon removal tools (aluminum)	MBARI	☐		G20			1	\$100.00
22	EMI DC board	MBARI	☐		G20			1	\$100.00
23	serial cables	Digi,	☐		G20			1	\$100.00
24	Chargers (2)	Belly pack	☐		G20			1	\$50.00
25	Charger	Sonardyne,	☐		G20			1	\$300.00
26	Elmo Whistle (pressure tested and spare boards)	Elmo,	☐		G20			1	\$2,000.00
27	Wire crimps assortment	Digikey	☐		G20			1	\$50.00
28	Miscellaneous screws	McMaster-Carr	☐		G20			1	\$150.00
29	4K to IP		☐		G20			2	\$200.00
30	serial cables	Misc	☐		G20			1	\$100.00
31	Digi cables	digi	☐		G20			1	\$100.00
32	Nova RF		☐		G20			1	\$1,500.00
33	Nova Strobe		☐		G20			1	\$1,500.00
34	spare oscilloscope		☐		G20			3	\$2,000.00
35	Optical power meter, receiver and exfo power meter		☐		G20			1	\$2,000.00
36	super glue		☐		G20			1	\$5.00
37	barb fittings		☐		G20			1	\$100.00
38	Spare Raid drive		☐		G20			3	\$400.00
39	Cable grips	?	☐		G20			2	\$180.00
40	DB9 crimpier	DeepSea Power & Light L	☐		G20			2	\$150.00
41	spare fiber optic cable		☐		G20			5	\$300.00
42	spare sonar		☐		G20			10	\$10,000.00
43	spare linden cables		☐		G20			1	\$1,000.00
44	spare lancers		☐		G20			1	\$1,000.00
45	replacement flex link and SFP's		☐		G20			1	\$1,000.00
46	Ethernet crimpier		☐		G20			10	\$100.00
47	ROV control system, no s/n		☐		G20	EAR99	USA	303	\$160,100.00
48	20 x 8 ft Shipping container (Control Van)		☐		G20	EAR99	USA	13,000	\$50,000.00
20' Grey Control Van (G20)									
							Subtotal	13,837	\$262,085.00
1	Spare 15kW Vehicle Transformer		☐		H1		USA	400	\$1,500.00
Hardigg Case (H1)									
							Subtotal	400	\$1,500.00
1	Drop weights				R1			150	\$200.00
2	Sheave		☐		R1			50	\$1,000.00
3	Small Umbilical Floats x 6		☐		R1			25	\$2,000.00
4	Large Umbilical Floats x 4		☐		R1			30	\$2,000.00
Ropak 1									
							Subtotal	105	\$5,200.00
1	Hudson Oil Sprayer	Hudson	☐		R2			15	\$50.00
2	Deck Cables - Van Power AC Cable	MBARI	☐		R2			40	\$300.00
3	Spare ROV Gas Funnel	MBARI	☐		R2			1	\$50.00
4	Spare Niskin		☐		R2			15	\$700.00
5	Spare Sonardyne Beacons x 2 (clump and ROV)		☐		R2			40	\$5,000.00
6	Spare lifting straps		☐		R2			30	\$500.00
7	Pig mat (Grey and White) x 2 boxes		☐		R2			40	\$300.00
8	Spare Shackles		☐		R2			30	\$200.00
9	Empty 5 gal. oil bucket		☐		R2			4	\$5.00
10	Power adapter pig tail		☐		R2			20	\$250.00
11	Long power cable for grey van		☐		R2			50	\$350.00
Ropak 2									
							Subtotal	285	\$7,705.00
1	Chairs		☐		R3			50	\$1,500.00
2	Smart Clump	MBARI	☐		R3			300	\$30,000.00
Ropak 3									
							Subtotal	350	\$31,500.00
1	CTD (spare)	FSI,	☐		ROV			5	\$5,000.00

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2	Insite black & white camera (model IT1000; s/n IT1736)		☐		ROV			2	\$2,000.00
3	Insite color camera (model NOVA; s/n NOV172)		☐		ROV			2	\$3,000.00
4	XMB-11K - Xeos Micro Beacon VHF		☐		ROV			3	\$1,500.00
5	XMF-11K - Xeos Micro Flasher LED		☐		ROV			3	\$1,500.00
6	Rowe 1200kHz DVL		☐		ROV			20	\$30,000.00
7	Altimeter	Valeport	☐		ROV			5	\$6,000.00
8	Rowe 1200kHz DVL, s/n 0551		☐		ROV	6A001.b.2	USA	15	\$22,000.00
9	1000M Remotely Operated Vehicle (ROV)		☐		ROV	8A001.c	USA	1,300	\$150,000.00
	Mounted to MiniROV						Subtotal	1,355	\$221,000.00
1	Umbilical winch and umbilical (no model no.)		☐		Y20	8A002.A.3	USA	3,500	\$90,000.00
	20' Yellow Connex Van						Subtotal	3,500	\$90,000.00
1	Wifi Router	Netgear,	☐		Z1			2	\$150.00
2	Focal Parts	Focal	☐		Z1			3	\$1,000.00
3	Digi Portserver (2)	Digi,	☐		Z1			5	\$150.00
4	Netgear 24 port gigabit switch (2)	Netgear,	☐		Z1			5	\$100.00
5	Spare hard drives (2)	WD	☐		Z1			5	\$300.00
6	Insite HD camera module (model no. mini Zeus; MZS132)	Insite	☐		Z1			6	\$2,000.00
7	UltraP depth sensor (0760009-200)		☐		Z1			1	\$5,000.00
8	ROV computers NUCs 6 spare		☐		Z1			10	\$3,600.00
9	Spare Focal board (~8)		☐		Z1			10	\$25,000.00
10	Spare yellow briks (5)		☐		Z1			10	\$6,000.00
11	Spare raspberry pi for station keeping		☐		Z1			1	\$1,000.00
12	Ethernet 5 Port switch - Netgear x2	Netgear	☐		Z1			1	\$50.00
13	Blackmagic Ultrastudio Mini-recorder	Blackmagic	☐		Z1			2	\$1,200.00
14	Power Supply Extech	Extech	☐		Z1			10	\$800.00
15	Blackmagic SmartVideo Hub	Blackmagic	☐		Z1			10	\$1,500.00
16	Atem Production Server HK	Atem	☐		Z1			10	\$1,500.00
17	Teranex	Blackmagic	☐		Z1			10	\$700.00
18	Blackmagic Multiview 4 - Tiller	Blackmagic	☐		Z1			5	\$500.00
19	Blackmagic Web Presenter	Blackmagic	☐		Z1			5	\$500.00
20	Spare Manip Computer	Asus	☐		Z1			3	\$600.00
	Zarges Box 1						Subtotal	7,114	\$231,650.00
1	Elmo tuba servo controller	Elmo, s.n. tub12193452	☐		Z2			5	\$2,500.00
2	O2 sensor (2)		☐		Z2			10	\$4,000.00
3	Isolation Transformer		☐		Z2			5	\$100.00
4	Box Winch Spare		☐		Z2			20	\$5,000.00
5	Spare Winch Motor		☐		Z2			25	\$3,000.00
6	Box AC-DC's		☐		Z2			15	\$2,000.00
7	Winch Cables		☐		Z2			5	\$150.00
8	Kell Morgan Controller		☐		Z2			10	\$100.00
9	DSPL Wide-I SeaCam	DeepSeaPower&Light	☐		Z2			5	\$2,000.00
	Zarges Box 2						Subtotal	100	\$18,850.00
1	Vicor Can	MBARI-0288	☐		Z3			25	\$8,000.00
2	Seacon Bulkhead and cable connectors	Seacon-Branter	☐		Z3			15	\$5,000.00
3	Subconn bulkhead connectors	Subconn	☐		Z3			15	\$5,000.00
4	assorted spare components for ROV index motor (1 box)		☐		Z3			10	\$3,000.00
5	spare epod parts		☐		Z3			10	\$1,500.00
6	Bin of Ethernet Cables	Misc	☐		Z3			10	\$100.00
7	Bag of USB hubs	Misc	☐		Z3			10	\$200.00
8	Box of HDMI Cables	Misc	☐		Z3			10	\$100.00
9	Bag of VGA Cables	Misc	☐		Z3			5	\$20.00
10	Box of Wall Warts	Misc	☐		Z3			10	\$20.00
11	Bag of Spiral Wrap		☐		Z3			1	\$10.00
12	Box of Tilt Motor Spares	MBARI	☐		Z3			10	\$500.00
13	AC Turn Lock Plugs	LeGrand	☐		Z3			10	\$500.00
14	White Cards		☐		Z3			1	\$10.00
15	Garmin GPS Unit		☐		Z3			2	\$200.00
	Zarges Box 3						Subtotal	142	\$23,960.00
1	Spare subconn cables	Subconn	☐		Z4			15	\$3,000.00
2	spare vehicle cable assemblies	Subconn	☐		Z4			15	\$3,000.00
3	Extension cords (3 blue)	McMaster-Carr	☐		Z4			15	\$100.00
4	Sonar Test Cable		☐		Z4			1	\$100.00
5	Manip Test Cable		☐		Z4			1	\$100.00
6	DVL Test Cable		☐		Z4			1	\$100.00
7	Spool of Coax cable		☐		Z4			15	\$200.00
8	3 Plug strips		☐		Z4			5	\$20.00
9	6 Ethernet Cables		☐		Z4			1	\$10.00
10	8 Bags of spare cables		☐		Z4			30	\$5,000.00
11	SO Cable		☐		Z4			5	\$150.00
12	3 Spools of wire		☐		Z4			7	\$200.00
13	Bag of SO and PV Cable x2		☐		Z4			5	\$200.00
14	Bag of Monofilament		☐		Z4			3	\$20.00
	Zarges Box 4						Subtotal	119	\$12,200.00
1	Rubber diaphragms	Belaphram	☐		Z5			5	\$1,000.00
2	Light mounts		☐		Z5			5	\$500.00
3	Nano sealite	DSP&L	☐		Z5			1	\$2,000.00

Item#	ITEM	Part number	Check	Notes	Container Loc	ECCN	Origin	Weight lbs	Cost USD
4	Oil compensator parts	Cold Products	☐		Z5			5	\$100.00
5	UMBILICAL JBOX	MBARI	☐		Z5			10	\$500.00
6	JBOX	MBARI	☐		Z5			10	\$500.00
7	DeepSea Power & Light LED (model sealite sphere; s/n 12-029-00252)		☐		Z5	EAR99	USA	2	\$2,000.00
8	ROV light mounts		☐		Z5			2	\$500.00
9	tilt/index motors (3)		☐		Z5			15	\$5,000.00
10	Umbilical Potting Mold		☐		Z5			1	\$100.00
11	ROV Brackets		☐		Z5			1	\$200.00
12	Gas Funnel Handle		☐		Z5			1	\$100.00
13	Swing Arm Mounts x 3		☐		Z5			5	\$500.00
14	Support Rods x 4		☐		Z5			5	\$100.00
15	Spare Comps x 3	MBARI	☐		Z5			15	\$1,500.00
16	Manip Jaw	ECA	☐		Z5			10	\$2,000.00
17	Spare Thruster Props x 6		☐		Z5			10	\$500.00
18	Spare Thruster Shroud x 1		☐		Z5			10	\$500.00
19	Tilt Motor Mount		☐		Z5			5	\$300.00
20	Laser Splitter	MBARI	☐		Z5			1	\$100.00
21	Spare Parastaltic pump manifolds	Masterflex	☐		Z5			1	\$400.00
	Zarges Box 5						Subtotal	120	\$18,400.00
1	Rubber belts	Gates	☐		Z6			1	\$20.00
2	retaining clips	McMaster-Carr	☐		Z6			1	\$20.00
3	electrical cables (hall sensors)	MBARI	☐		Z6			1	\$20.00
4	bearings	McMaster-Carr	☐		Z6			1	\$20.00
5	shaft	MBARI	☐		Z6			1	\$20.00
6	spring washers	McMaster-Carr	☐		Z6			1	\$20.00
7	stand off screws	MBARI	☐		Z6			1	\$20.00
8	Crane seals	John crane, 110-218	☐		Z6			1	\$20.00
9	Spare SS shaft	MBARI	☐		Z6			1	\$20.00
10	Disc springs	McMaster-Carr	☐		Z6			1	\$20.00
11	Dowel pins	McMaster-Carr	☐		Z6			1	\$20.00
12	ECA 5E MANIPULATOR spares	ECA	☐		Z6			20	\$10,000.00
13	Box of Manip spares		☐		Z6			10	\$2,000.00
14	Box of thruster spares		☐		Z6			10	\$2,000.00
15	Box of props and rop shrouds		☐		Z6			10	\$1,000.00
16	Vacuum		☐		Z6			10	\$100.00
17	Bag of Hose Clamps		☐		Z6			5	\$50.00
	Zarges Box 6						Subtotal	76	\$15,370.00
1	AJA KIPRO video deck and drives		☐		Z7		USA	5	\$2,000.00
2	spare pin pullers		☐		Z7			10	\$1,000.00
3	Spare Drawer		☐		Z7			7	\$1,000.00
4	Box AC-DC's		☐		Z7			10	\$1,000.00
5	Box of swing arm parts		☐		Z7			25	\$1,000.00
6	Quiver Holder		☐		Z7			10	\$500.00
7	ROV Gas sampler		☐		Z7			10	\$1,200.00
8	ROV Gas Funnel		☐		Z7			2	\$100.00
	Zarges Box 7						Subtotal	79	\$7,800.00
	Total							27,597	\$950,620.00