

1	Mohawk 18 ROV & Tool Skid		Hydrophone Gear		
1	Tether Box	1	1	Hydrophone Pole	
1	Isolation Xformer 440	1	1	100' Hydrophone Cable	
3	ROV Consoles & Pilot Station	1	1	Hydrophone Transducer	
1	Laptop Bag (Mac/PC)	1	1	Pole Extension & Hardware	
1	Tool box				
1	Charger Box			Bridge Monitor Case	
1	Down Weight	1	1	19" Monitor with power cord	
1	Recovery Pole	1	1	100' VGA Extension Cable	
1	GPS Antenna Pole	1	1	6' VGA Cable	
1	VHF Radio Antenna	1	1	9' VGA Extension Cable	
1	Adjustable Padded Chair				
1	Pilot Station Monitor Case			Tool Box	
2	Spare Thrusters	1	1	Fluke Meter	
1	Spare Vertran	1	1	Fluke Leads	
2	Deck Gear	2	2	25' Tape Measure + 100' Tape Measure	
1	Norwegian Buoy	3	3	Electrical Tape	
1	Rug	1	1	Adjustable Pin Spanner Wrench	
1	Rubber Mat for Down Weight	1	1	Strobe Wrench	
Misc.	Truck Paperwork/Insurance	2	2	Flashlights	
Misc.	UVP T-shirts	Misc	Misc	Cable Ties (4", 8", 14")	
		1	1	Hammer & Half-Round File	
		2	2	Hex Key Sets	
		3	3	Razor Blades	
		1	1	Hacksaw Blade	
Pilot Station		1	1	Parker O-Lube	
1	Hand Control Unit	1	1	Aqua Shield (Blue Goo)	
1	Back-up Hand Control Unit	1	1	Q-Tips and Pipe Cleaners Bag	
1	Video Camera Control	1	1	Tracking Pole Wrenches	
1	Starboard Base	1	1	Steel Wool/Green Pads/Sandpaper Bag	
1	Monitor Tree	2	2	Large and Small Wrench Set (Metric)	
4	Monitors	1	1	Mini Screw Driver Set	
1	Quad Controller	1	1	Rubber Pads Bag	
Misc	Hardware	1	1	Velcro Bag	
Misc	Cables	1	1	Socket extension + 13mm socket	
Misc	Power Strip	1	1	Torque Wrench	
		1	1	Prop removal tool	
		1	1	Standard Wrenches and Hex Keys	

Blue Box		Spares & Repairs Box	
1	Spares & Repair Box	3	9V Batteries
1	Solder Station/Fiber Kit	4	AA Lithium Batteries
1	External Hard Drives Box	4	AAA Batteries
1	Spare Transponder Box	5	Puck Batteries (mag glass)
2	Duct Tape	1	Super Glue
1	Vinyl Tape	1	5200 Marine Sealant
4	Electrical Cleaner Spray Cans	1	Locktight Red
2	Silicone Spray Cans	1	Parker O-Lube
3	Air Spray Cans	1	2-Part Epoxy
1	Silicone Resin Lacquer	1	Small WD-40
1	Small Can WD-40	2	Black/Silver Touch Up Paint
1	Bug Spray	1	Small Bug Spray
2	50 CD's	Misc	Desicant
Solder Station		1	West Systems Repair
1	Soldering Iron & spare tips	1	Screen Cleaner/Microfiber wipes
1	Solder & Flux	1	Kimtech Wipes Box
1	Butane Torch, Butane, Lighter	3	Red, Blue, Green, White Vinyl Tape
Misc.	Large Heat Shrink (Adhesive Lined)	Misc	2 inch velcro pieces
Misc.	Small Heat Shrink Tubing	1	Spare Bungy Cord Material
1	Self Vulcanizing Tape	1	Label Maker
1	Magnifying Glass	AJA External Drive Box	
4	ScotchCast 2-Part Resin	2	Fiber Optic Cable
1	Liquid Electrical Tape	4	WD Passport PC Drives 1 & 2 TB
Misc.	Ferrels	Misc	FireWires for TB Drives
Misc.	Rubber Gloves	1	Spare RAM Cards
Roll	Speaker Wire	Spare Transponder Box	
Misc	Alligator Test Leads Bag	1	Spare Transponder
1	Reflectometer with leads	1	Spare Battery
Fiber Optic Termination Kit		1	RS-232 Connection Cable
15	Fiber Termination Connectors	2	Old transponder M & F Dummy Plugs
3	ST Coupling Connectors	2	Shorting Plugs
2	Lapping Pads		
1	Laser Pen		
1	Cleaner Wipes		
3	Lapping disks (3 grits)		
Misc	Instructions/Cards		
1	Sharps Bin		
2	Reagent/Water Bottles		
2	3M Oven + Power Cord		
1	Scotch Weld Adhesive		
1	ST Connector Oven Dipper		
2	Sharpie and Fiber Knife		
1	Kevlar Scissors		
1	Microscope		
1	Fiber Connector Cleaner		
1	Fiber Stripper		

Red Box		Printed Circuit Board Box	
1	Printed Circuit Board Box	1	0024P 24V
1	ROV Cables Box	2	0433P Thruster Drive
1	ROV Spares Box	1	1420P Mixed I/O Board I
1	907 Multiplexer PCB Remote	1	1422P Communications Hub Bd
1	Spare Fiber Cable	1	1424P Mixed I/O Board II
1	Vacum Pump and Adapter	1	1543P Power Supply Bd I 5V only
1	Bag of spare oil comp tubing	1	1557P Mixed I/O III Interface Bd I
1	Fan (Science Station)	1	1558P Mixed I/O Bd III
1	Manipulator Joystick	1	1606P Power Supply Board
		1	2256P LED Lamp PSU Bd 100W
		1	2903P-1 PSU Bd 600W
		1	3153P Pod Interface PCB Layout
		4	Spare Capacitors; 22MicroF 50V
		1	Spare PBOF Top plate
ROV Spares		ROV Cable Box	
1	O-ring Bag	1	LED Light Cable (3-pin)
Misc	Digital Still Camera & Strobe Kit	1	Mini Zeus Camera Cable (8-pin)
Misc	Mini Zeus O-Rings	1	Sonar-Compass Y-Splice Cable
1	Fuse Bag	1	Sonar to Laser Cable
1	Altimeter Accessory Kit	1	Laser Cable (2-pin)
1	Joystick Main 0001	1	Digital Stills to strobe cable
1	Joystick Depth 0002	1	Digital Stills power cable
1	Joystick Pan & Tilt 0003	1	Tilt/Altimeter Y-splice cable
6	Bleed Screws	1	4-Way Bulkhead F Size A
2	Dummy Plug Male (Bottle)	1	5-Way Bulkhead F Size A
4	Dummy Plug Female (Bottle)	1	7-Way Bulkhead F Size A
1	Spare camera mount bracket	1	9-Way Bulkhead F Size A
1	Junction Box Wiring Photo	2	Thruster Cable (5-way)
1	Potentiometer	1	12-Way Bulkhead M Size B
1	Potentiometer Knob	1	12-Way Female to Pen Size B
2	Compensator Bladders (Tilt/Main)	1	CRE 4 pin whip
3	Compensator Tube Valves	1	CRE 5 pin whip
1	Power Supply Homemade Lasers	1	CRE 7 pin whip
3	Brass Oil Fill Valves	1	CRE 9 pin whip
2	Tilt Unit Spare Gears (HPC)	2	Transponder 8 pin whip
4	Stainless Comp Tubing Nipples	2	2-pin laser whip
2	PBOF Oil Comp Valves	3	4-pin altimeter whip (2M/1F)
2	Comp Fill Valves	1	Kongsberg Strobe whip
1	Compensator Check Sign	2	3-pin light whips
		1	8-pin bulkhead connector
		1	Altimeter ASCII whip
		1	Digital Stills Download whip
		1	RS485 to RS232 Converter
		1	Clear Tubing
		1	Topside Imenco Cable

Rigging Box		Tether Box	
1	Deck Box	1	Tether - 360 meters
1	Rigging Hardware Box	1	Rigging Box
1	Strain Relief Line	15	Black Floats
Misc.	Spare Trim Weights	2	75' Lines (green)
4	Ratchet Straps (stainless)	1	Hydrophone Pivot
1	Duct Tape	1	Shell Diala 3/4 of bottle
Misc.	Gloves	1	Castrol VG-5 Hyspin 1/4 of bottle
2	Chaffing gear sections	1	Manip Oil
Misc.	Tie-down rope	1	Oil Dispensers
2	PVC Probes	1	Hydrophone 2x4
1	C-Clamp	Misc	Paper Towels
2	Wetsuit Deck Pads	Misc	Oil Diapers
1	Water/Vinegar Spray		
1	Lens Microfiber Cloth		
Deck Box		Rigging Hardware Box	
1	Quick-Release Line	Misc.	Band Clamps
1	Recovery Hook	1	Pelican Hooks
3	Brass Clips on Soft Line	1	Capture Hooks & mounting plates
25	1/8" Nylon Loops	2	Shackles
Misc.	Cable Ties	2	Backing Plates
2	Electrical Tape	Misc.	Misc bolts, nuts, washers
1	Screwdriver	2	Pulleys on Shackles
1	Snips	Misc.	1/2" Hardware
1	Shackles 1/4", 3/8", 1/2"	Misc.	SS split rings
1	Compass	1	Probe Mount & U-Bolts
Misc.	Rubber Pads	1	Spare Capture Hook
2	Spare Pelican Hooks	1	Spare Plastic Insert for pole
6	Spare Split Rings		
1	WD-40 - Small Can		
1	Duct Tape		
1	ROV clip depth instructions		

Scorpio Camera Box/Seabird CTD					
1		Insite Pacific Scorpio Digital Camera			
1		Insite Pacific Scorpio Strobe			
1		Pin Wrench			
1		O-rings Bag (see below)			
1		Card Reader			
1		Download Cable			
1		Battery Recharger + 8 batteries			
1		Camera Power Cable			
1		Camera to Strobe Cable (4pin)			
1		485 Communications whip (4pin large)			
2		Long Velcro for strobe cable			
1		Black Float			
2		Float Securing Hardware			
4		Band Clamps			
1		3-pin female whip			
4		2-156 (Rear Bore Seal Camera)			
5		2-047 (Rear Face Seal Camera)			
10		2-152 (Front Bore Seal Cam/Rear+Front Bore Seal Strobe)			
8		2-045 (Front Face Seal Cam/Rear+Front Face Seal Strobe)			

Collection Skid Load List

5/9/2018

Blue Box #3		
1		Collection Skid Spare Box
1		Collection Skid Spare Cables Box
5		2-Liter Rotary Bucket
2		Bio-Boxes
12		Collection Box Dividers
1		Fishing Line
Misc.		Long White Zip Ties

Collection Skid Spare Cables Box		
2		Ethernet Whip
2		3-pin Nova Camera/Mag Sensors Whip
2		Manipulator Cables
1		Manipulator power cable
1		USB to square USB Cable
4		3-Pin Pie Whip
9		5-Pin Pie Whip
2		2-Pin Pie to 3-pin (8' long)
1		5-Pin Pie to 8-pin transponder
1		5-pin Pie to CTD 4-pin
1		3 Pie to laser cable
1		2 Pin laser whip
1		3 pie to Sonar cable
1		5-pin Pie to 6-pin sensor
Misc.		Dummy Plugs
1		IL10FSX Seacon Power Cable
1		CTD Deck Cable
2		Tecnadyne Actuator Cables
Misc.		Tecnadyne Tubing/Crimps

Collection Skid Spares Box		
1		Tecnadyne Housing Board
1		+ RUFAB35 ~ Rectifier
1		MS32-7R015 Compacitor
Misc.		Links w/ Connectors
1		ANSI 40 Connecting Link
3		RS 40 Connecting Link
2		1/8" Key Knob Sprocket (white plastic)
16		8-32 x 1/4" Nylon Tip St. Steel Set Screw
5		M5 0.5 metric Soft-tip Set Screw
1		Spare Actuator Chain 1'
1		Crimper
1		Chain clip removal tool
9		Quick Release Screw (Plastic Handles)
1		Spare Carousel Chain, used, 28 links
1		Spare Bio Box Chain, new, 66 links
1		Fishing Line Crimps
2		Carousel Spacer disc white plastic
18		M6 x 6 SS Set Screws
9		1/4-20 Bio Box Front Pulley Bolts
1		Bag of Fuses
1		Bag of O-Rings
2		Spare suction hose tips
1		Special wrench for removing bulkhead connectors
1		Pressure Relief Valve Tool (Electronics Bottle)
2		Camera mounts (gray plastic)
2		Threaded Rod for Extra Block Float
Misc.		CTD Hardware and Pump
Misc.		Spare Bolts
CTD Hardware and Pump Bag		
1		Alace Pump Exhaust Key
1		Machine Screw 4-40x 3/4
4		4" cable ties
4		O-rings (2-033)
5		Machine Screw 8-32X3/8
2		Machine Screw 2-56X1/2
4		Machine Screw 2-56X5/8
4		O-rings (2-003)
1		O-ring (2-021)
1		Cap Screw 4-40X1/2
9		Hex Nut M10x1"
7		Washers for carousel
1		Washer bearing for carousel

Manipulator Spares Box		
1		Manipulator operating instruction sheet
1		Coral cutter
2pks		Razorblade Cutter/Spare Blades
1		Old set of jaws
1		Manipulator Software Flash Drive
1		Manipulator Function Board
1		Used aluminum jaw mount (black)
1		Orange wire connector
2		White wire connectors
1		15 meters of spare compensator tubing
1		Spare Motor and gear drive
3		Plastic jaws
2		Aluminum jaws
1		Bearing holder (main piston)
1		HY1308550B-Aluminum shaft seal
50		Spare C-Clips for jaws
4		Baw screw ball bearings-VIS0454 (EichenbergerGewinde 22226 MutterKGT 8x2 FGR RH1 N A G 018)

Collection Skid Load List

5/9/2018

4	Cover MPHY1308544
6	Pivot Pin A (Slew and Elbow)
6	Pivot Pin B (Slew and Elbow)
1	Rod MPHY1308548
1	Spare bladder for oil compensator. ETA000151 (HY14 04 030)
3	FAG Bearing-GDT-0155 (3000-B-TVH)
1	Misc spare spacers for jaws
1	Unknown spacer
7	Extended bump stop washer MPHY1308593
3	Bump stop washer MPHY1308553
5	Washer actuator MPHY1308590
1	Ball Screw Modified HY1308540
4	Brass Pivot Pin (Elbow Rod) MPHY1308516
2	Spare Pivot Point Aluminum Sleeves
4	Spare Pivot Point bolts
1	Old emergency pivot bolt
1	Misc Bungees
2	Jaw pins (long)
1	Jaw pins (short)
1	Manip Pivot End Cap (black plastic)