

Benthic Rover Cruise Check-list
Atlantis, 2006

Electronics:

1	☐	Laptops (Rover controlling)
X	☐	Spare EZ-Servos
X	☐	EZ Servo connectors (RS485-232)
	☐	PC104 Stack
X	☐	Serial Board connectors
?	☐	PC104 Stack connectors
X	☐	Relay Board
X	☐	Dummies, Subconn
X	☐	Dummies, Impulse
X	☐	Dummies, Seacon
X	☐	Test cable for modem
X	☐	Deck Test cables
X	☐	Ethernet cables CAT5
X	☐	Serial cables (Straight/null)
X	☐	Modem cables (50')
X	☐	Power cords
X	☐	extension cords, plug strip
X	☐	Power supplies
X	☐	Power supplies (Chinese)
X	☐	Fuses
	☐	Battery packs (All!)
X	☐	Molex (9 pin)
X	☐	Electrical feed through - Green tweed
X	☐	Jumpers
	☐	USB Compact Flash reader
X	☐	Gender changers
X	☐	Modem battery

Electrical Tools

	☐	Oscilloscope
X	☐	Multimeter
X	☐	Soldering iron
	☐	Tools (wire strippers/dykes/inspection mirror)
	☐	Anti-static mat/bracelets

Manuals

X	☐	Rover schematics
X	☐	Modem manual
X	☐	EZ manual
X	☐	TS-7200, Xtreme ISO, Parvus Ethernet
	☐	Relay docs
X	☐	current meter
X	☐	optode
X	☐	video server, camera
X	☐	Seabird SB-5 pump

Expendables

X	☐	Aqua Lube (2)
X	☐	O-ring Lube, Dow #55 (2)

Deployment Hardware:

NO	☐	Rover (1)
	☐	Spar Buoy (1)
NO	☐	Spar/Lift line
	☐	Strobe (1)
	☐	RF Beacon (Ch. B, 159.480 Mhz)
X	☐	Drop weight jack
X	☐	Drop weights (2)
X	☐	Drop weight eye bolts w/ 3 nuts (2)
X	☐	Drop weight release slings (2)
X	☐	Burn wires (4)

Hand Tools:

	☐	Oil Comp Filler/gauge
X	☐	Screwdrivers
	☐	Wrenches
	☐	Socket Sets
X	☐	Hex drivers
	☐	Cordless Drill
	☐	Drill set, up to 1/2"
	☐	Burr-tool
	☐	Pliers
	☐	Vise-grip
	☐	Diagonal cutter
	☐	Hacksaw
	☐	Files
	☐	1/4-20 tap and die
	☐	3/8-16 tap and die
	☐	Utility knife
	☐	Tape measure
	☐	Caliper
	☐	Wire Brush
	☐	Desicant

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X	☐ Silicon Spay lube, food grade (2)
X	☐ Dow #111 (2)
	☐ Tellus 15 Oil, 5 gal. w/ MSDS
X	☐ Scotchcast 2130
X	☐ Isopropyl Alcohol
X	☐ Pig mats
X	☐ Shop towels, Cloth (15)
X	☐ Shop towels, paper (6)
	☐ Paper towels, white(2)
	☐ Kim Wipes
	☐ Cotton Swabs
	☐ Almalgamate tape
X	☐ Tape, electrical (4)
	☐ Teflon Tape, ½" wide (2)
X	☐ Label Tape
	☐ Blue masking tape
X	☐ Zip Ties, various sizes
	☐ Rope, ¾" Yellow Poly, 60ft
	☐ Rope, ¼" Spectra or Nylon, kernmantle, 80ft
X	☐ Air-can duster (2)
	☐ Batteries (C)
X	☐ Hold downs
	☐ Gloves
	☐ RedTags

Supplies

X	☐ Anti-skid mat
X	☐ Office supplies (Pens, sharpies)
	☐ Rings (Protection for spheres plastic & cardboard)
NO	☐ Foam blocks (Doug)
X	☐ Modem in case
	☐ Ti Fasteners, assorted
	☐ Stainless fasteners, assorted
	☐ Clamp-brackets
	☐ Comp hose
	☐ Comp Hose fittings
	☐ General SS Hose Clamps
	☐ Large SS Hose Clamps
	☐ Ti Hose Clamps
	☐ Ti welding rod (bearing lock pins)
	☐ HDG shackle (line to spar buoy)
X	☐ O-rings
X	☐ Drive belts (1)
	☐ Bearings
X	☐ Drive pulleys (2)
	☐ Spar pole (1)
	☐ RF Beacon (VHF 73)