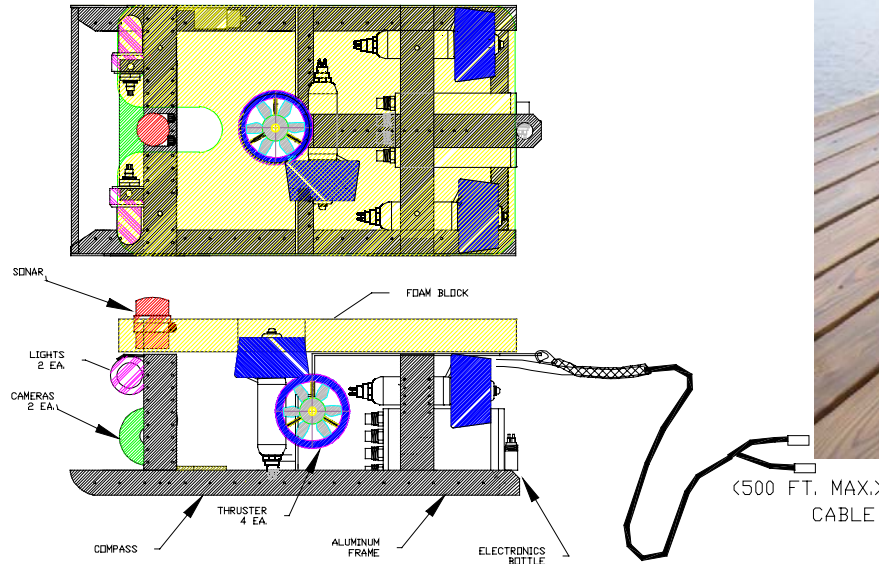




# ROV MODEL 1000 REMOTELY OPERATED VEHICLE

July.06



(500 FT. MAX.)  
CABLE

- **High Tech magnetic coupled thrusters**
- **Color (.01 lux. 480 line) & B&W (.0003lux. 600 line) Tilting camera**
- **Video Overlay** (Time/Date, Depth and Compass, and text)

### VEHICLE

The Vehicle contains the following:

- 4 ea. 1/3hp Brushless Thrusters
- 2 ea. 75 watt lights
- Tilting Color & B&W Video camera

#### **MECHANICAL:**

Size..... 26" Lx 15"W x 10.5"L  
(65cm x 37cm x 26cm)

Weight..... 39 lbs. (17.7Kg.)

Thrust (per thruster) ..... 0-16.5 lbs. Variable

Payload..... 5 lbs (2.3kg.)

#### **ELECTRICAL:**

Motor Voltage..... 165 VDC input

Lights..... 2 ea. 75 watt

### CABLE (C-3405)

#### **MECHANICAL:**

Size..... .55" (13.7mm) Dia. X 500 ft.( 150 mt) long

Breaking strength..... 1000 lbs (450kg.)

Jacket .... 80 Mils Green Cellular polyurethane

Weight in water ..... Neutral

#### **ELECTRICAL:**

CAT5E..... 4 TP #24 AWG.

Conductors: 12 ea. #22awg.

### POWER SUPPLY (PSP-1050)

#### **MECHANICAL:**

Size..... 22" L X 13" W X 23" D(55 X 33 X 57cm)

Weight..... 54 Lbs.( 25 kgs.)

#### **ELECTRICAL:**

Power In..... 100-240 VAC (50/60 Hz), @ 1800W MAX.

Power out to ROV ..... 165 VDC @ 10 amps.

Spare twisted pair.

Video Overlay, Time/Date, Depth, Heading, Text.

Includes 12" 450 nit, LCD monitor.

### HAND CONTROLLER (HC-1000)

#### **MECHANICAL:**

Size..... 7.5" L X 4.5" W X 6" H(19 X 11 X 15 cm)

Weight..... 1.1 Lbs.( .5 kgs.)

#### **ELECTRICAL:**

Power In..... 24VDC from Power supply.

Data out to Vehicle ..... RS-485