

RVTEC Meeting 2002

Towed Undulating Instrument Systems

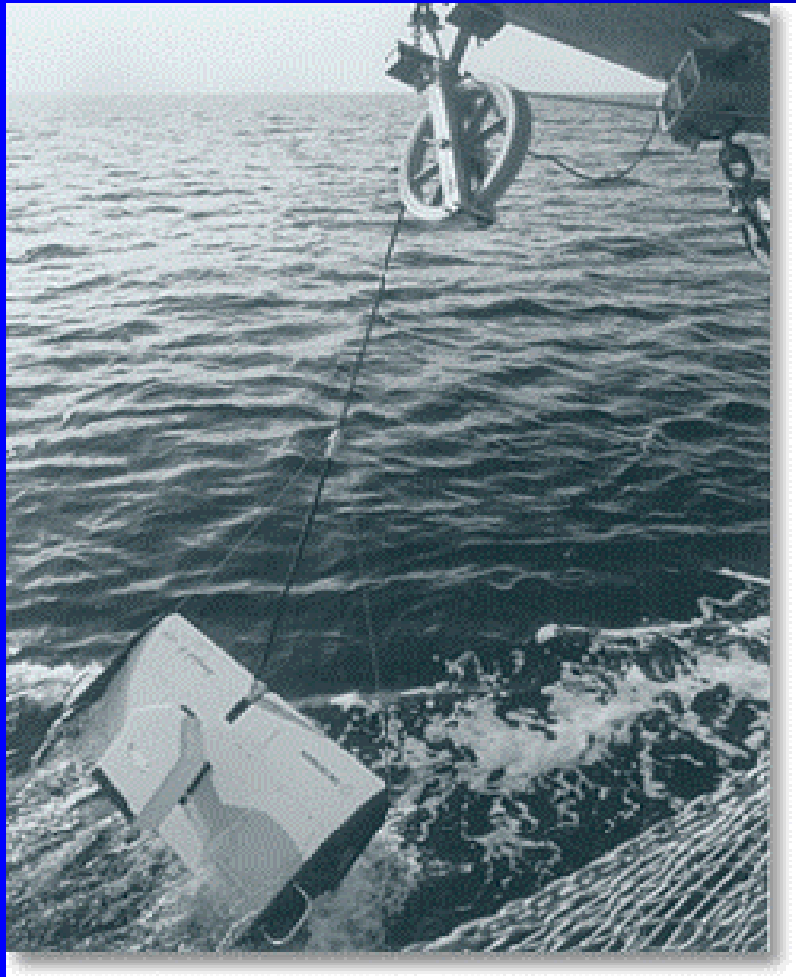
Systems Available in the Fleet

- **University of Delaware – Scanfish MKII**
- **Oregon State University - Sea Soar**
- **Scripps Institution of Oceanography –
Sea Soar**

New Fleet Systems

- **University of Rhode Island – R/V ENDEAVOR Scanfish MKII**
- **University of Miami, RSMAS – HBOI W.S. Ocean U-Tow MKII**
- **Moss Landing Marine Labs – R/V POINT SUR TRIAXUS**
- **University of Minnesota – R/V BLUE HERON TRIAXUS**
- **University of Alaska – R/V HELIX TRIAXUS**

Scanfish MKII Specifications



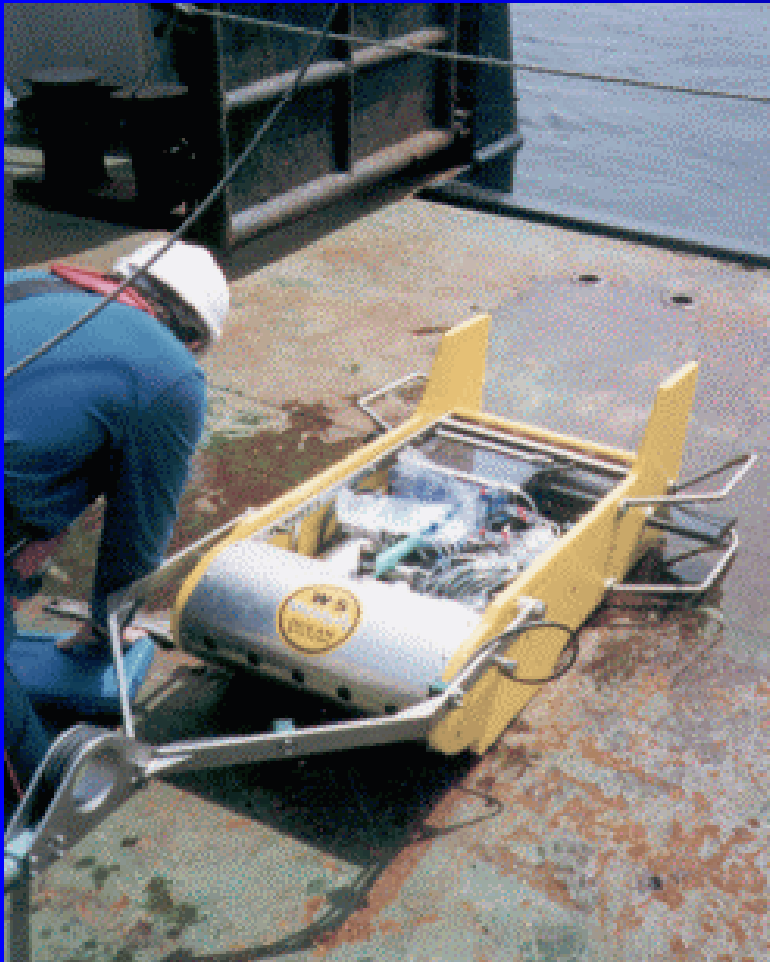
- Length – 0.80 m
- Height – 0.14 m
- Width – 1.60 m
- Weight – 50kg
- Depth Range – 0 to 400 m
- Towing Speed – 2 to 10 kn
- Vertical Speed – 0.1 to 1.0 m/s

Sea Soar Specifications



- Length – 1.5 m
- Height – 0.98 m
- Width – 1.6 m
- Weight – 150 kg
- Depth Range – 0 to 500 m
- Towing Speed – 6.5 to 12 kn
- Vertical Speed 1 to 3 m/s

W. S. U-Tow MK II



- Length – 1.2 m
- Height – 0.23 m
- Width – 0.84 m
- Weight – 100 kg
- Depth Range – 50 to 120m
- Towing Speed – 4 to 20 kn
- Vertical Speed 1 m/sec

TRIAXUS Specifications



- Length – 1.6 m
- Height – 1.2 m
- Width – 1.2 m
- Weight – 160 kg
- Depth Range – 1 to 400m
- Towing Speed – 1 to 10 kn
- Vertical Speed ?

Breaking News

- Chelsea will be manufacturing Scanfish MKII. Plans for a larger fish with more sensor payload available are in the idea stage.
- EIVA has bought out GMI and will be looking at writing new windows based software for the Scanfish.
- University of Miami will be testing the U-Tow with a fiber optic cable.
- First delivery of TRIAXUS due in January to Moss Landing Lab – R/V POINT SUR.

Towed Bodies User E-mail Group

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