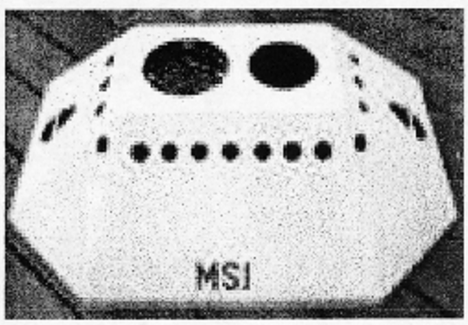
Trawl Resistant Bottom Mounts

Mooring Systems' newly developed **Miniaturized Trawl Resistant Bottom Mount (MTRBM)** was designed to meet NAVOCEANO's shallow water, light -weight and low cost requirements. The basic unit construction consists of a truncated r ectangular fiberglass cover over a fiberglass grate. Included in the basic unit is a single axis gimbal, type 316 stainless steel fasteners and holes, as shown, for vents and 2 lifting/handling bails. The optional pop -up buoy system allows float release from both the normal and inverted positions. These features combined with MSI's optional dual axis ADCP gimbal and large open area under the cover are sure to make this unit an industry leader.

MTRBM Options

- Dual axis gimbal
- Popup buoy, spectra, release recovery system
- Clamps and tie downs for instrumentation
- Lead ballast
- Lowering bridle for free fall deployment
- Titanium metal components and fasteners



MTRBM

MTRBM Specifications

- Angle of Sides - 40 degrees from horizontal
- Overall Height - 15 inches
- Overall Length - 59 inches
- Overall Width - 49 inches
- Weight in Air - 105 pounds - empty
- Weight in Air - 250 pounds - loaded maximum
- Weight in Water - 40 pounds - no lead
- Weight in Water - 80 pounds - 4 lead weights
- Gimbal Range - +/- 20 degrees
- Depth - 50 meters
- Spectra Length - 61 meters

Cover Lifted

Purpose: Scientific Measurement Devices Station to support the Cape Wind Energy Project	**Acoustic Doppler Current Profiler (ADCP)** **Specifications from Mooring Systems Inc** **CAPE WIND PROJECT**	**Figure** **4**
Cape Wind™ Energy for Life.	At: Yarmouth, Barnstable County, Massachusetts In: Nantucket Sound Applicant: Cape Wind Associates, LLC	**Date:** 11/21/01 PROJECT NO. E159-000