

**Instruments Systems and Measurements – 2.693 (13.998)**  
**Class Cruise Plan**

**Saturday 24 April 2004 – 1/2 day**

10:00 Load ship:  
Small tripod for deployment in 12 m water  
Acoustic Equipmen

Operations:

Safety Lecture and Procedures by Capt.

Navigation:

Learn ships depth sounder (for deployment depth)

Attach to ship's GPS or setup own GPS receiver for positions

Start cruise log of activities, times and positions

Learn ADCP:

Setup and Sampling

Take section out to site – after setup

Take comparison measurements after deployment of tripod

Take section home

Learn CTD:

Test profile near deployment site

Profile after instrument deployment

Mooring Deployment:

Proposed Deployment Site:

About 41° 30' 25" N x 70° 39' 50" in 39 feet of water.

PDR survey of proposed deployment site

Deployment of tripod on selected site

Acoustic positioning of tripod

13:30 At dock and offload ship

**Thurs 29 April 2004 – full day**

0800 Load Ship

Acoustic equipment

0830 Depart for site

Set up while transit to site

Acoustic listening and command systems

ADCP

CTD

1000 Start Survey around tripod site

CTD profiles in star pattern around site

ADCP sections across site

1200 Tripod recovery

Enable releases, command release, watch replies

Recover tripod and check over systems

Lunch will be provided – make your own sandwiches

1400 – Start home

ADCP and CTD profiles on way home

Cleanup of tripod and dump of data from MAVS and OS CTD

1600 – at dock offloading.