**space needs**

- C/PIES:

2 pallets: each 40" x 48" x 47”, ~900 lbs (anchor stands and weights)

7 shipping drums: each  39" X 39" X 31" ~150 lbs (PIESs)

2 wire baskets: each 40" X 45" X 36” TBD (floats, current sensors, misc)

- WHOI ADCP moorings-CTD pods

3 trawl resistant housings w/ anchor: each ~8’ x 10’ and ~700 lbs.

- UNC/CSI ADCP-CTD pods

2 150kHz bottom pods each roughly is 6’x6’x5’(WxLxH) and ~2000 lbs.  (total 6’x12’x5’ and 4000 lbs)

-Shelf buoy stations (Met buoys & ADCP/CTD bottom frames)

L, W, H

2x buoys: each 7’x7’x12’ (BEST upright), or 7’x12’x9’ (on side if required), 2000 lbs ea.

2x anchors: each 3’x3’x3’, ~2800 lbs each

3x drums: chain and mooring hardware, 800-1000 lbs each

2x adcp/ctd small bottom frames:  each 5’x5’x3’, 200 lbs each?

*Total comes to about 8’x20’ (if buoys can be secured upright), height clearance: 12-13 ft.  The Armstrong ‘Trailer Van’ space would be perfect.*

- Spray gliders

space on deck: ~6’ x 8’ (or two lab benches)

**berths (total science berths available = 24): personnel/institution/tasks**

M. Andres, WHOI (PIES deployments, CTD casts)

E. Sousa, URI (PIES deployments)

R. Todd, WHOI (glider deployments, CTD casts)

P. Deane, WHOI (glider deployments, PIES deployments)

G. Gawarkiewicz , WHOI (moored ADCP deployments, CTD casts)

Tentative, C. Marquette, WHOI (moored ADCPs)

Tentative NCSU A, R. He (CTD casts)

Tentative NCSU B, R. He student (CTD casts)

H. Seim, UNC-CH, (buoys, ADCP/CTD)

S. Haines, UNC-CH, (buoys, ADCP/CTD)

M. Muglia , CSI (ADCP/CTD)

P. Taylor, CSI (ADCP/CTD)

N. DeSimone, CSI (ADCP/CTD)

J. Mccord , CSI (videographer)

Tentative, Bob Heitsenrether, NOAA (ADCP)

Tentative, TBD, NOAA (ADCP)

Teacher, (Natalie Pickett, or Valerie Winzenried) Dobyns-Bennet High School, Kingsport, TN (outreach)