**OSU Mooring - NH-10**

Surface Buoy ALDER

Required hardware (w/o spares):
- 72.2 m shot 3/8" (0.50") wire rope OSU fab.
- 7/8" safety anchor shackle - met base 1 ea.
- 5/8" safety anchor shackles 4 ea.
- 1/2" safety anchor shackles - ADCP 2 ea.
- 3/4" safety anchor shackle - anchor 1 ea.
- 3/4" master links 1 ea.
- 1/2" galv trawl chain 36.6m
- 3 ton eye to eye swivel (new) 1 ea.

Wd Sonic 8480042, Barometer C1020020, Air Temp,
- solar rad. #py54312, py54330,
- SBE39 #661, Temp 10755-148
- argos alarm #29062

Microcat s/n 40 on bridle SAM, CO2 & pH ECO

RDI ADCP 300 KHz s/n 1944 2.5m

SBE39 temperature 10 plcs. #175 (4m), #231 (6m), #235 (8m), #263 (10m), #264 (15m), #265 (25m), #168 (30m), #663 w/P (40m), #267 (50m), #269 (70m)

Microcats 3 plcs., s/n 1821 (10m), s/n 1822 (20m), s/n 1824 IM (60m)

SeaCat16+ IM #5271 w/ DO 927 pump 1501 (30m)

SeaCat16+ IMs/ n 6465 w/ DO 1719 pump 5503 (73m)

"**NO**" Acoustic release

NO Pig weight

Depth = 81m.

3- Wheel anchor, wet = 2350 lbs, air weight = 2700 lbs

**Drawing: OSU Alder10vlm**

modified 27 April 2010