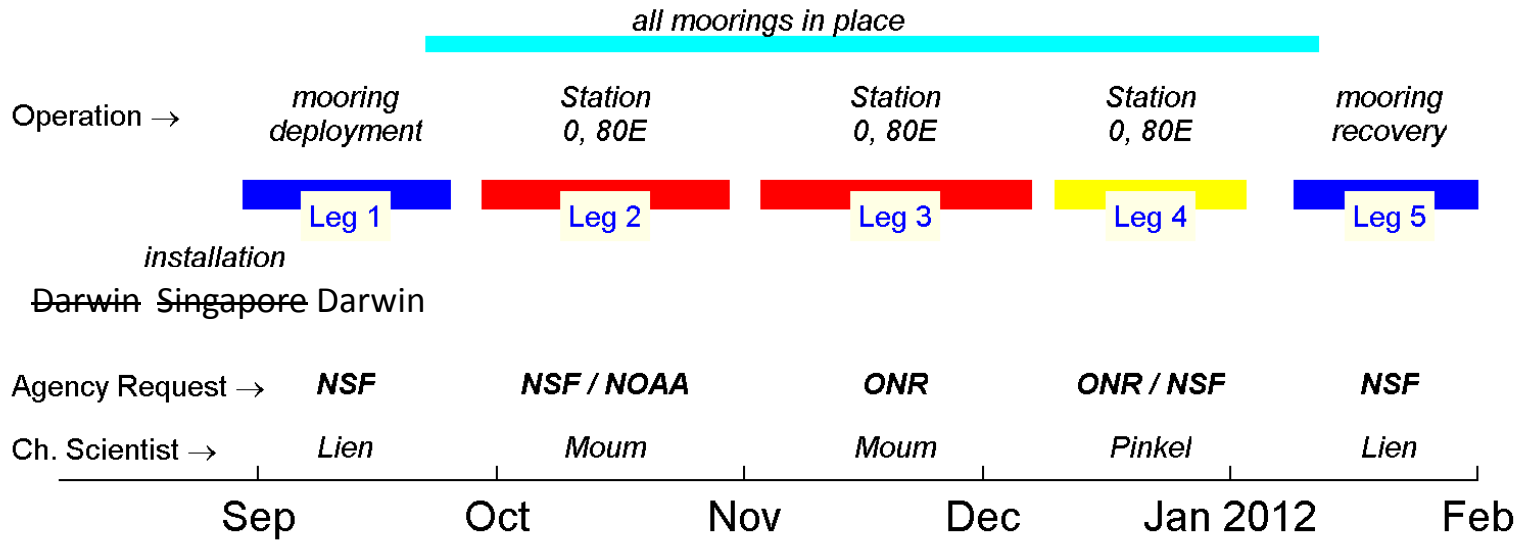
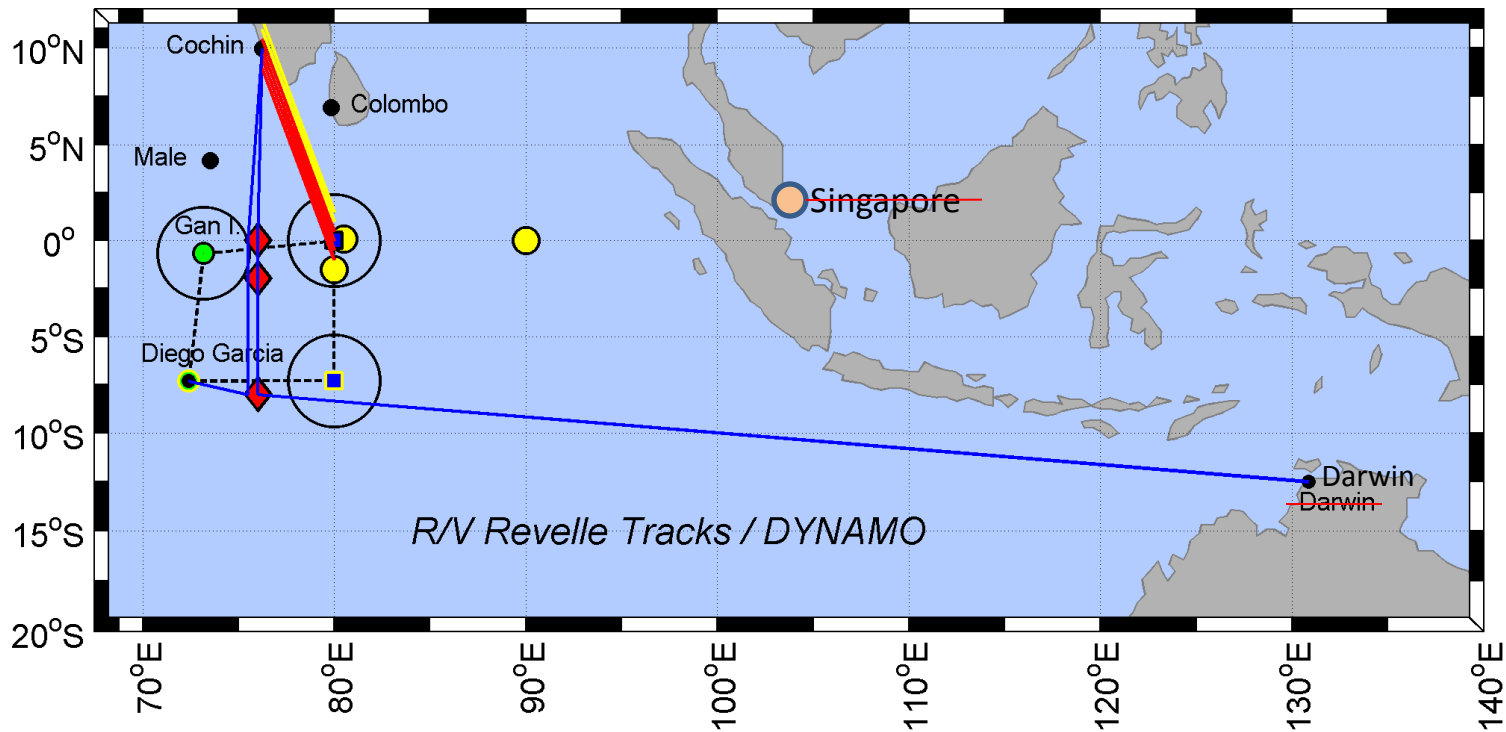
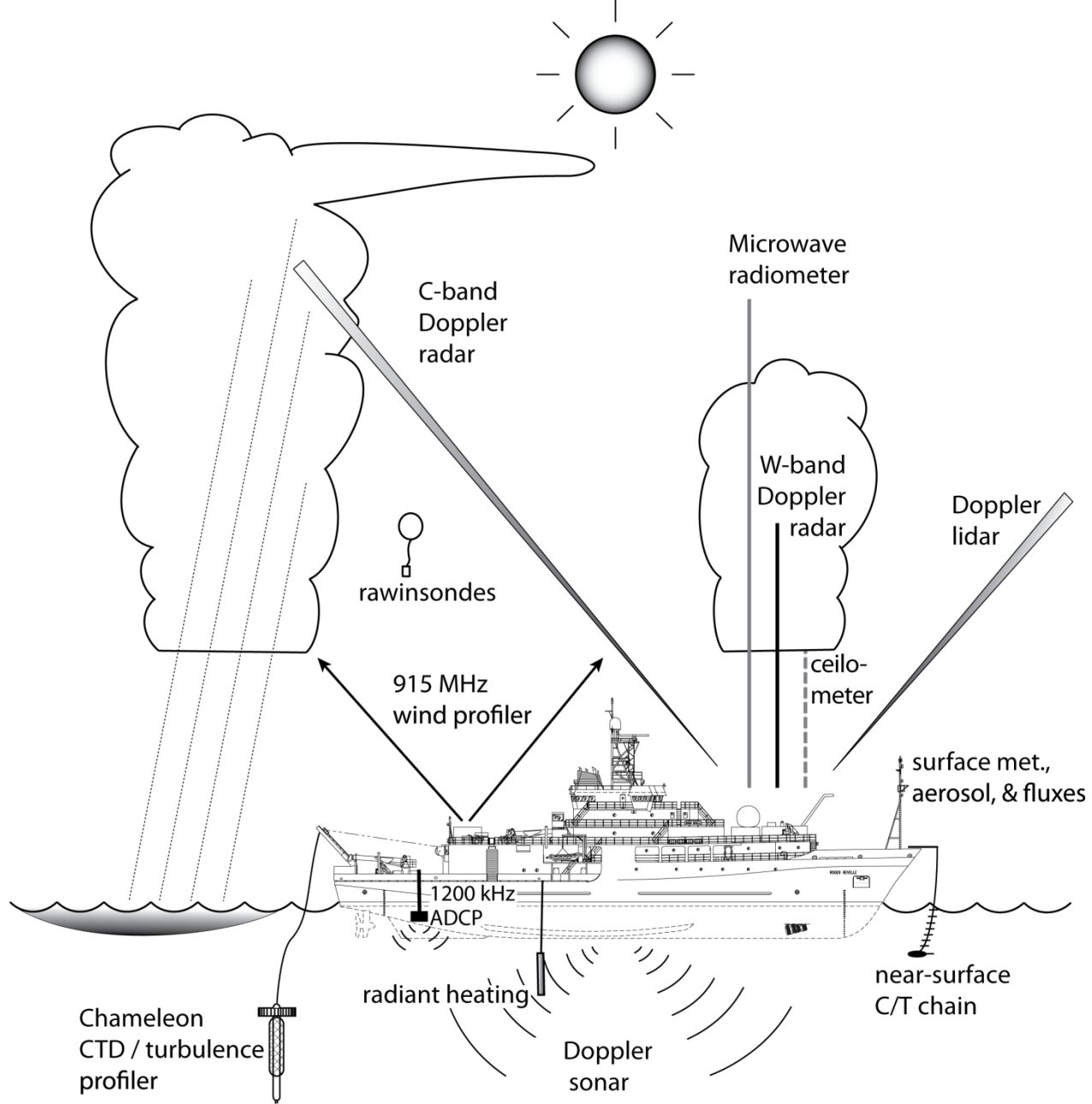


R/V Revelle Timeline ver.2







Issues

Storage space for equipment in Cochin?

Container van placements

Storage on board

Group setups on board

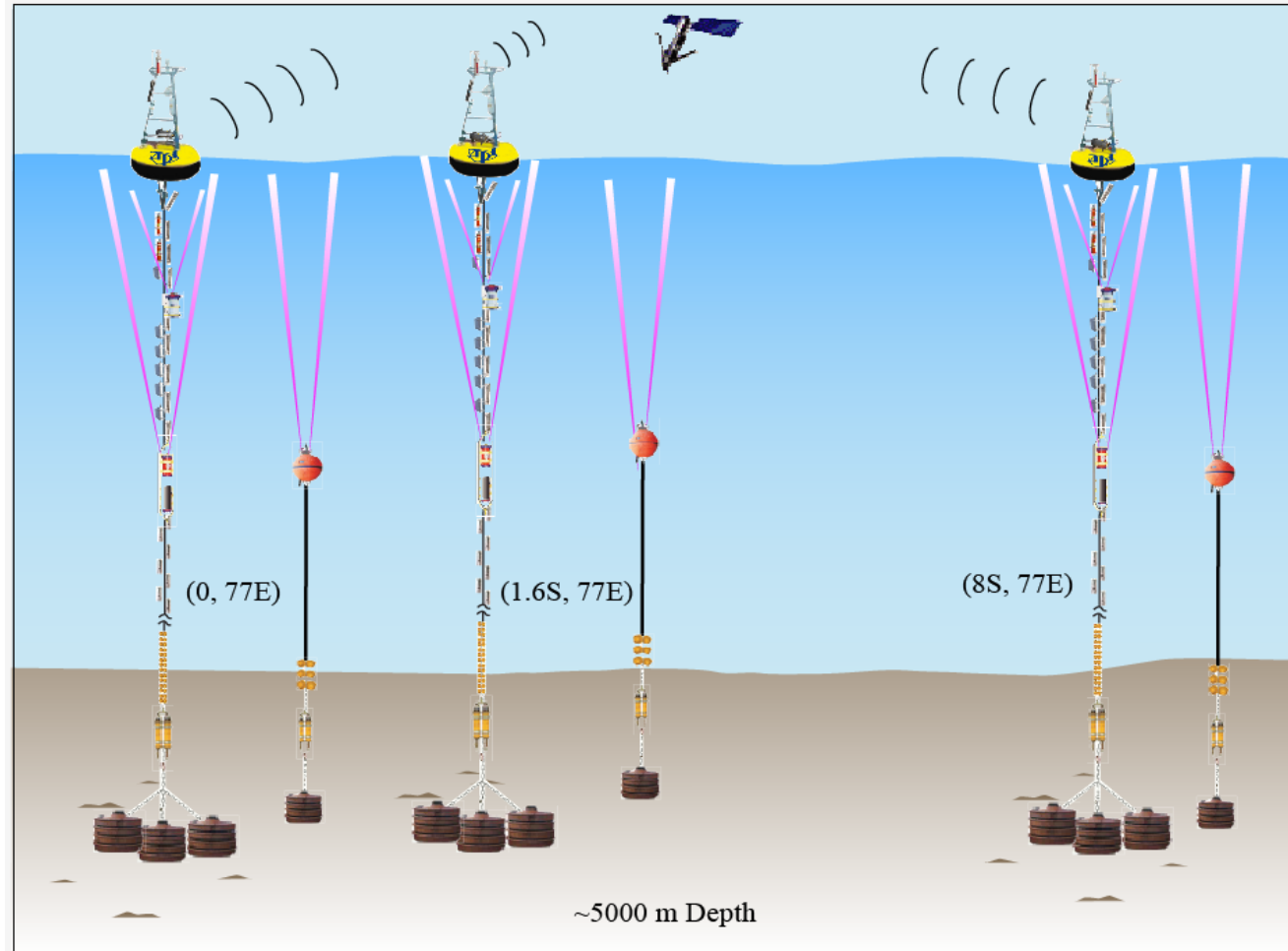
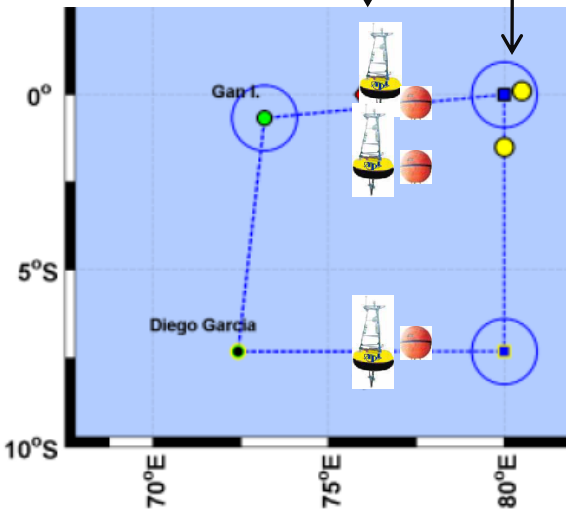
Personnel / visas

Shipping – opportunities to save \$?

DYNAMO Moorings (Lien/Moum)

3 surface and 3 subsurface moorings along 77E

DYNAMO
Mooring
Array **RAMA**

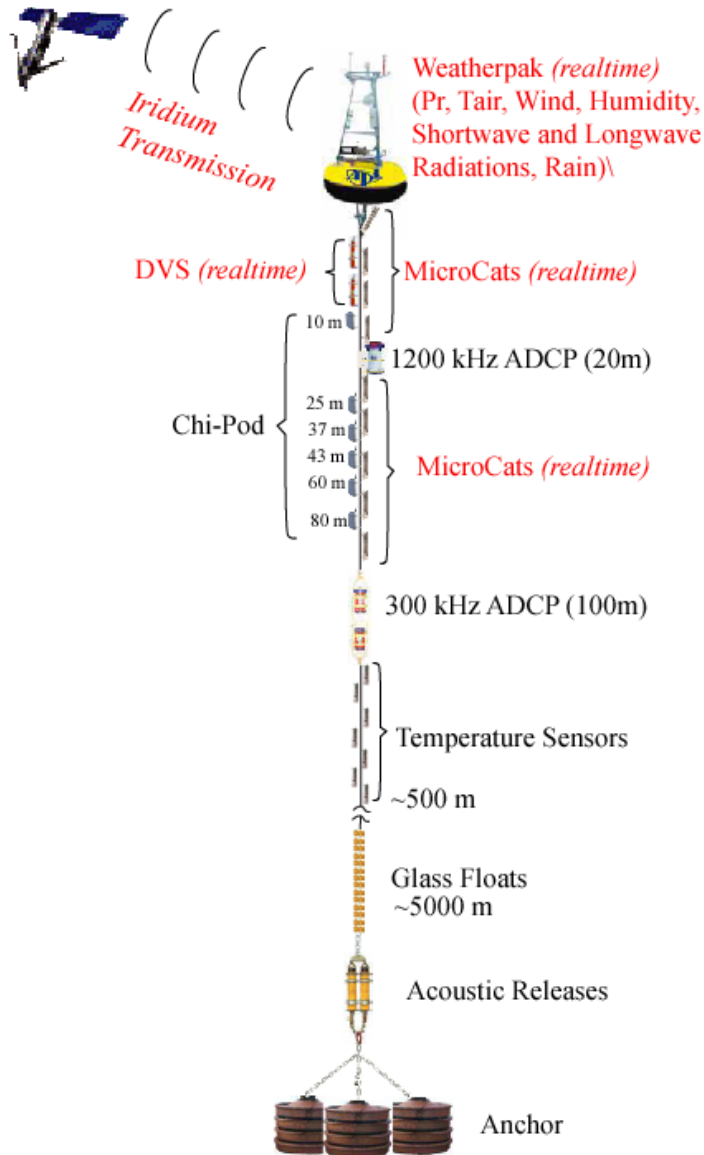


Measurement Period
Sep. 2011 – Jan. 2012

Realtime Met/Air-Sea Flux,
Upper ocean T, S, U

Mooring Configuration and Measurements

SURFACE MOORING

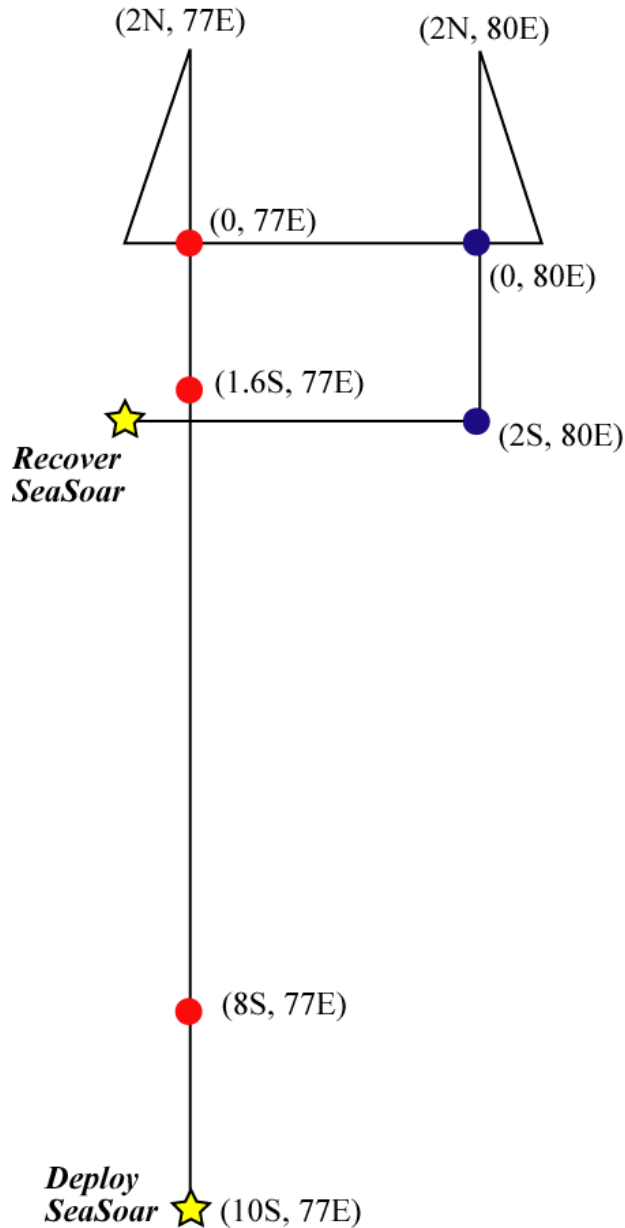


Instrument	DYNAMO Mooring (Lien & Moun)
Surface Meteorology (P, T, wind, humidity, rain, shortwave, longwave radiations, air-sea fluxes)	10 min (realtime)
Chipod (turbulence mixing and flux)	1 sec
CTD (T, S, P)	1 min (realtime)
Acoustic Doppler Profilers (ocean current velocity profile)	4 sec (300 kHz ADCP) 1 min (1200 kHz ADCP) 2 min (DVS) (realtime) 1 min (75 kHz Long Ranger ADCP on subsurface mooring)

DYNAMO SeaSoar Survey (Leg 1)

Contingent to available sea days after mooring deployment

- Sawtooth tow between surface and 300 m at 8 kt
- ~2 km horizontal resolution
- T, S, and velocity fields across SCTR and Wyrтки jet, and along equator and 2S.



Revelle Fantail Deck Plan

Load and secure all DYNAMO mooring instruments and gears in Taiwan before Revelle sailing for Singapore or Darwin.



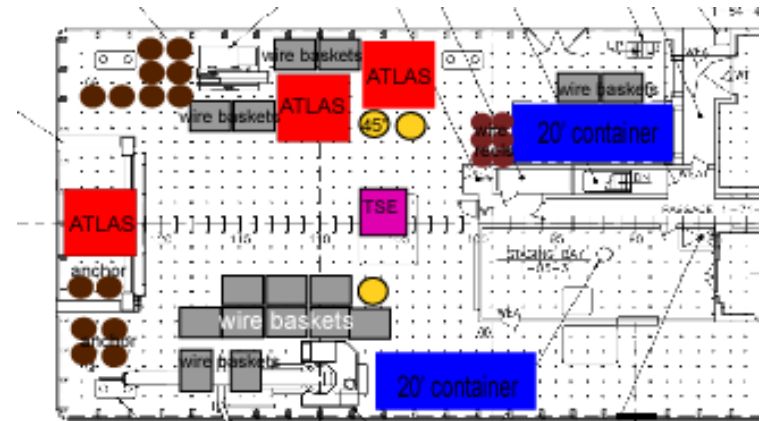
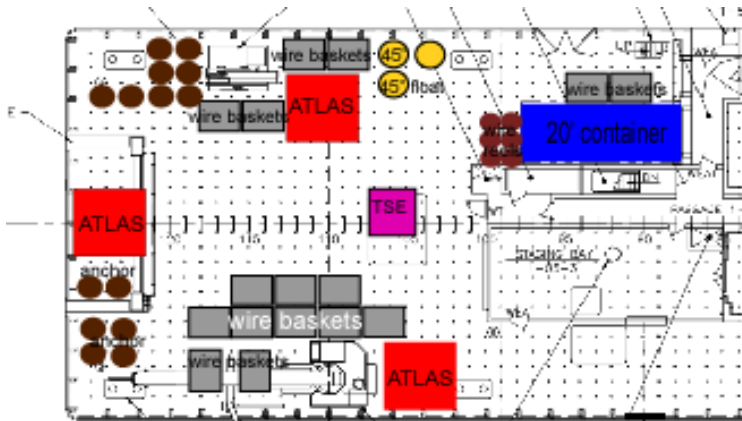
Need space for two 20' sea containers (OSU and UW) on the main deck or one on the O1 deck!

Preferred Option

stacking APL & OSU containers
OR one on the main deck and the other one on O1 deck

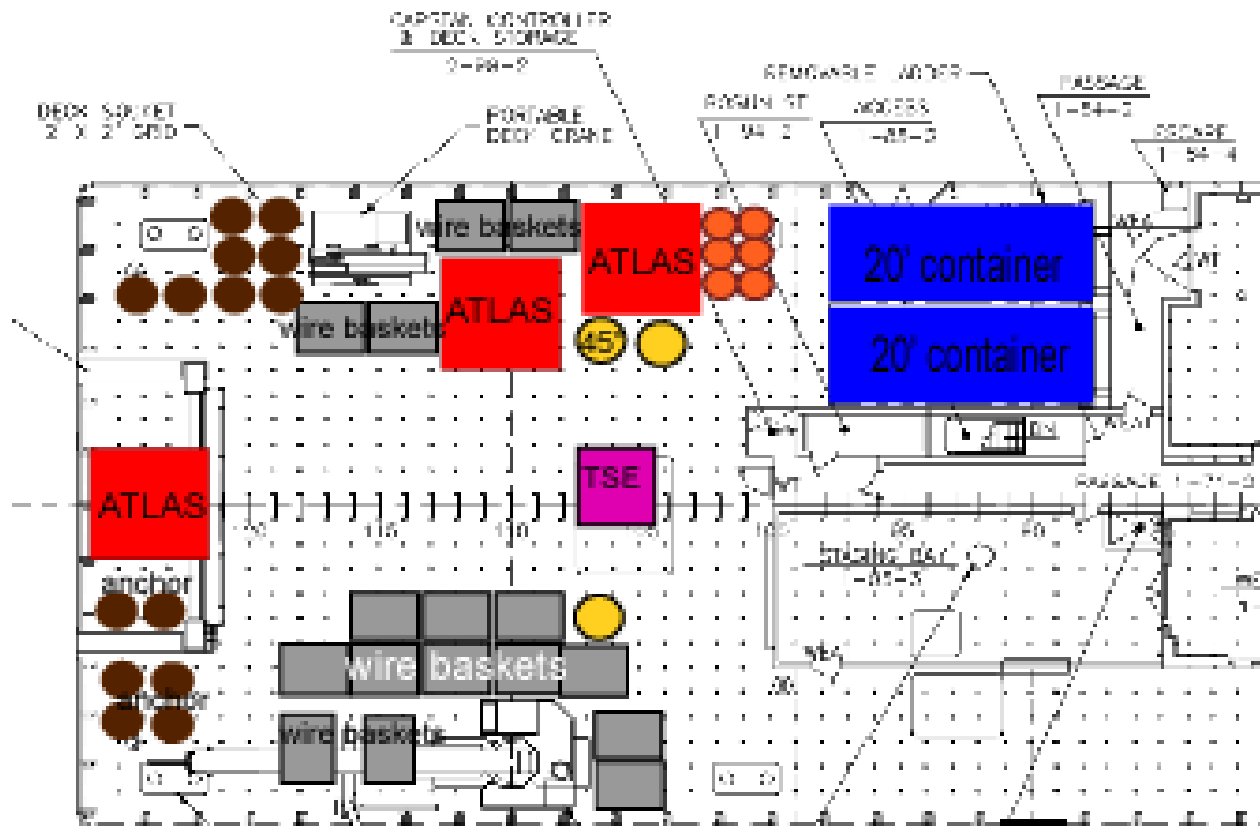
BAD Option

One on starboard and one on port
Restricted space for deck operation
Jeopardize mooring operation if emergency recovery is needed in leg 1.

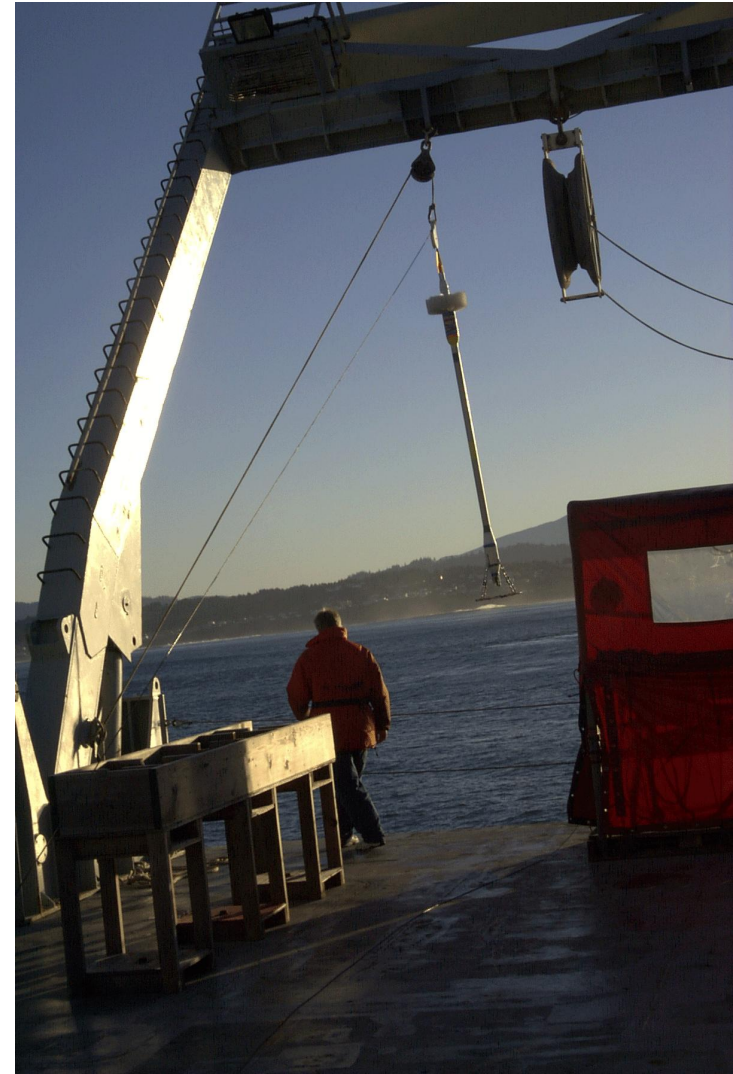
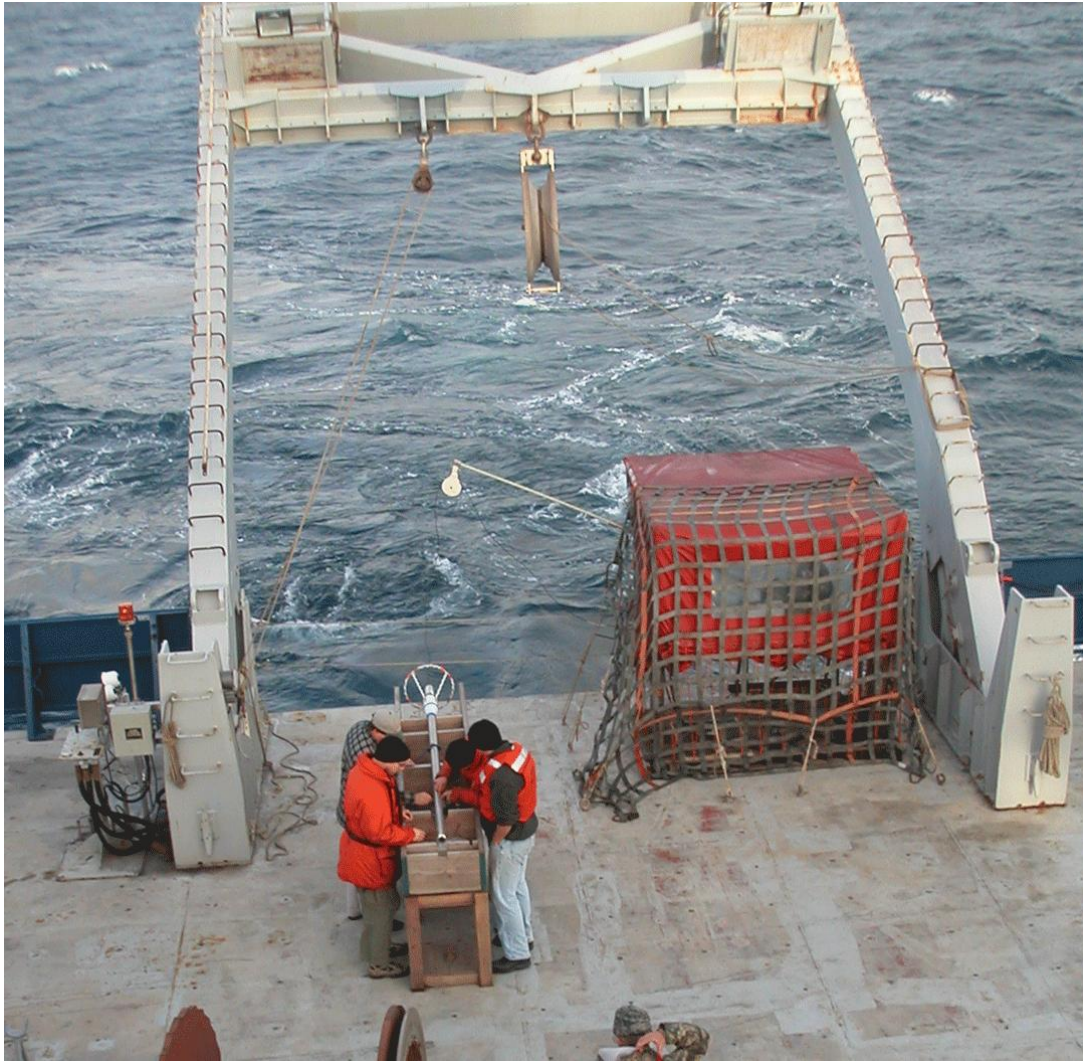


NEED CAPTAIN'S APPROVAL!

Option Proposed by Revelle Captain



Chameleon Operation



Revelle O2 deck Placement w/ PMEL Frames

