Dr. Jackie Grebmeier
Bureau of Ocean Energy Management

Hanna Shoal Ecosystem Study

STARC(Hiller, Roberts, Martin): thermosalinograph, CO2 partial pressure, meteorology, CTD, GPS, multibeam, acoustic current doppler profiler, sub-bottom echo sounder, mapping, gravimeters, expendable bathythermograph.
Dr. Larry Mayer

Extended Continental Shelf Mapping in the Nautilus Basin

STARC (Roberts) : thermosalinograph, CO2 partial pressure, meteorology, CTD, POS MV, multibeam, acoustic current doppler profiler, sub-bottom echo sounder, mapping, gravimeters, expendable bathythermograph.
HLY1203

Robert Pickart

Assessing the Western Arctic Boundary Current

STARC (Roberts, Martin, Arnesen): thermosalinograph, CO2 partial pressure, meteorology, CTD, GPS, multi-beam mapping, acoustic current doppler profiler, sub-bottom echo sounder, mapping, gravimeters, expendable bathythermograph.
HLY12Tx

- Shakedown
- Transit to Dutch Harbor

STARC: Prepare, initialize, and test the resident science equipment suite.
STARC Challenges: 2012

- CTD winch wire
- CTD hard landings
- ADCP noise testing
- POS MV
- Winch displays
- 3 party operations communications (on the fly; i.e. starboard drains)
- Aft scoreboard flooding
Highlights

• Improved Coast Guard / Science / STARC communications
• Coast Guard Boatswain department involvement
• New Met computer system, new pCO2 computers
• New MET display in aft-staging bay
• New MET display on the Bridge