Cruise Description

SAV12-05: 13 – 24 February, 2012 – Recovery of “Ramses” and “Pelagia” gliders, battery exchange and ballast adjustments on the ship, redeployment of gliders; Acrobat (towed package) survey of three cross-shelf sections (25 km along-shelf spacing, mid-shelf to upper slope); CTD profiles for hydrography, bio-optical properties, oxygen; Station sampling for chlorophyll, nutrients, flow cytometry as on cruise SAV12-03 and additional sampling for primary production (deck incubations, Sta 12), enzyme assays, microbial production, DOC and CDOM absorption/fluorescence. Seabird observations during day. Second week largely compromised by weather (gale force winds) and work on the ship’s starboard shaft coupling (2 days at dock in Wilmington, NC).