Scientific Dive Checklist

PRIOR TO DIVE DAY

✓ Dive Plan: approved by DSO.
✓ Diver Status: Diver’s status and depth certification checked on Webdiver.
✓ Waivers/Work Comp. form
  o UCSB Sci. Scuba Diving Waiver and any Work Comp. Volunteer forms completed by any non-UCSB employed diver.
✓ Oxygen and First Aid: ensure available at dive site.
✓ Shore Contact: establish as needed.
✓ Determining Decompression Status: Ensure each diver has a dive computer or they are planning their dive with a Dive Table and has a timing device:
  o Dive Computers: At no time should the remaining time No Deco Time displayed on the computers at depth be less than 10 minutes (5 min at depths 100 ft or greater).
  o Dive Tables: Diver without a computer must plan their dive with a dive table and record the dive details (max. depth, bottom time, time-in, time-out and the Letter Group) before and after each dive.

ON DIVE DAY

✓ Conduct Pre-Dive briefing
  o Review Dive Plan: dive objectives, buddy communication, specialized equipment, estimated max depth and bottom time, min. cylinder ending pressure prior to ascent, safety stop, slow ascent and surface with at least 500psi.
  o Refuse to Dive: Remember any diver has the right to refuse to dive without fear of penalty if s/he feels the conditions are unsafe or unfavorable or the dive violates the precepts of their training or the regulations of the UCSB Diving Safety Program.
  o Equipment: Conduct functional check with all gear and ensure divers have the appropriate approval/training for any specialized equipment being used.
  o Evaluate and discuss potential hazards: currents/surge/low visibility/boat traffic/fog/marine life/etc.
✓ Review Emergency Plan:
  o Emergency Contact Procedures:
    ▪ VHS radio, cell phone, satellite phone, location (GPS if available).
  o Low/Out-of-air procedures
  o Lost diver procedures
✓ New Divers on Project
  o Buoyancy Check: divers new to the project should complete a buoyancy check on the surface
  o Tasks: limit any tasks for any new diver for your project until he/she is comfortable with the tasks/environment and you can gauge their comfort and abilities in the water first hand.
✓ Dive Flag: Raise prior and lowered after a dive.
✓ Dive Details: Note dive details for Webdiver Entry