

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**
 - 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:
 - **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).*
 - **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**
 - **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.*
 - **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.*
 - **Equipment:** *Conduct functional check with all gear and ensure divers have the appropriate approval/training for any specialized equipment being used.*
 - **Evaluate and discuss potential hazards:** *currents/surge/low visibility/boat traffic/fog/marine life/etc.*
- ✓ **Review Emergency Plan:**
 - Emergency Contact Procedures:
 - *VHS radio, cell phone, satellite phone, location (GPS if available).*
 - Low/Out-of-air procedures
 - Lost diver procedures
- ✓ **New Divers on Project**
 - **Buoyancy Check:** *divers new to the project should complete a buoyancy check on the surface*
 - **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