

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**
 - UCD Sci. Scuba Diving Waiver and any Work Comp. Volunteer forms completed by any non-UCD employed diver.
- ✓ **Oxygen and First Aid:** available at dive site.
- ✓ **Shore Contact:** establish and provide copy of the dive plan and emergency procedures.
- ✓ **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.*
 - 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