

Delayed Surface Marker Buoys



This Aide Memoire describes the use of DSMBs by CUUEG divers and the expected responses of the surface party.

CUUEG divers regard skippers and surface cover as members of the team.

The following procedures apply for boat cover and skippers used on CUUEG dives. They are adapted from procedures used by the DIR-UK dive team and the UE-UK club.

These procedures should be thoroughly discussed with and understood by all team members prior to undertaking any dives. This includes all divers, both mission and support, all of the surface party and the skipper.

Any deviation from these procedures (e.g. for training purposes) *must* be agreed and briefed to all team members in advance.




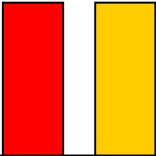

- All divers will carry an orange DSMB and reel on all dives.
- All DSMBs will be clearly labelled with the owner's name or initials. These identifying marks should be recorded in the Marshal's file.

No-stop dives and dives involving less than 5 minutes of non-accelerated stops:

- Only one orange DSMB and reel need be carried by each diver.
- Yellow DSMBs should *not* be carried for routine use.
- Each pair should deploy a DSMB, either prior to starting the ascent, or during decompression stops, unless a permanent SMB is in use.

Dives involving more than 5 minutes of non-accelerated stops and all dives involving accelerated stops:

- Each diver will carry a minimum of one orange and one yellow DSMB.
- Each DSMB will have its own reel or spool.
- One team member will deploy an orange DSMB from the wreck before commencing their ascent. All other team members will usually deploy an orange DSMB from the 21m gas switch, unless otherwise agreed with the surface party.
- A drop-bottle should be lowered by Surface Support if any Yellow DSMB is seen.
 - This bottle *must* be physically attached to the DSMB line below the attachment of the DSMB. Boltsnaps are fitted to drop-bottles for this purpose.
 - If the bottle is subsequently seen to have been cast loose, it is likely that the diver may have lost his or her orange DSMB. The bottle should therefore be recovered in anticipation of another problem.
 - Always check yellow DSMBs for any notes that may have been sent up.
 - Note: If a yellow SMB is seen on its own, unless it can be absolutely determined that the diver has just lost his orange SMB, then a drop-bottle should be lowered as a precautionary measure.
- Safety divers should be deployed AFTER deployment of a drop-bottle

DSMBs Seen	Meaning and Action Required
 <p data-bbox="229 524 724 562">DSMB may be round or sausage</p>	<p data-bbox="919 389 1326 423">One Diver safely on DSMB</p> <p data-bbox="866 463 1377 497">Remain alert for seperated divers</p>
 <p data-bbox="229 875 724 913">DSMB may be round or sausage</p>	<p data-bbox="900 741 1345 775">Two Divers safely on DSMBs</p> <p data-bbox="866 815 1377 848">Remain alert for seperated divers</p>
	<p data-bbox="924 985 1321 1090">Lone Diver has a problem ?Out of Gas ?Loss of Orange DSMB</p> <p data-bbox="836 1131 1409 1236">Deploy Drop-Bottle and Safety Divers unless note attached to DSMB states that they are not required.</p>
	<p data-bbox="871 1411 1374 1444">Lone Diver, Requires Assistance</p> <p data-bbox="930 1520 1315 1554">DEPLOY DROP BOTTLE!</p> <p data-bbox="919 1594 1326 1628">DEPLOY SAFETY DIVERS!</p>
	<p data-bbox="877 1762 1366 1796">Two Divers, Require Assistance</p> <p data-bbox="930 1872 1315 1906">DEPLOY DROP BOTTLE!</p> <p data-bbox="919 1946 1326 1980">DEPLOY SAFETY DIVERS!</p>

Entry & Exit Procedures for Advanced Dives



Entry:

- Prior to entry all divers should be allowed to rest and be given sufficient time to kit up comfortably with minimum effort. A “ten minute warning” of anticipated arrival on site will assist with this.
- Visually inspect team member(s).
- Check all gauges.
- Check all regulators are functioning.
- Check argon/dry suit supply is on, LPI firmly connected to wing.
- Check light cord is tucked under long hose and backup reg is over and above all gear.
- Check Reel in place.
- Enter in order, signal okay and head for shot.
- Team regroups at 6-9 metres.
- Conduct visual bubble and light check.
- Ensure all team members are properly squared away.
- When **all** team members confirm, “OK”, descend.
- Lead diver checks that the rest of the team is also descending.
- On bottom do swift bubble check, check gauge, check all OK, proceed with dive.

Exit:

- Launch SMBs.
- Conduct Deep stops.
- Ensure Gas Switches are properly made.
- Maximum final ascent rate of 1m/min from 6m to surface.
- Rest on surface - ideally at least 5 minutes.
- Slow climb up any ladders - Prefer lifts.
- Rest on boat for 5 mins or so before putting any kit away.
- Assist other team members.
- On surfacing and once in the boat, divers should seek to rest for a minimum of ten (10) minutes prior to undertaking any strenuous activity or exertion.
- Divers should refrain under all circumstances from undertaking boat based activities following any decompression dives (these include but are not limited to assisting with disengaging lines from propeller and/or assisting with retrieval of shot or hook from the wreck where possible).
- Dive Team members and Surface Support should be informed *immediately* of any suspected signs or symptoms of decompression illness.