

新海研 2 號 研究員從事潛水作業規範

- 一、目標：為確保執行潛水人員水下作業時，能確實遵守水下作業安全規定，以避免危險情況發生，訂立作業規範，確保人員安全。
- 二、說明：研究船僅提供研究團隊潛水所需之協助，如工作小艇作業、協助警戒等。研究團隊應指派潛水作業主管，作業所需之潛水器材及安全設備，由研究團隊自行準備。
- 三、應遵守規範：
 - (一) 遵守「異常氣壓危害預防標準」及「水域遊憩活動管理辦法」從事潛水作業。
 - (二) 潛水作業主管應訂定潛水作業安全衛生計畫據以實施，內容包括潛水目的、作業環境、作業編組、人員名冊與資格、器具設備、作業時間、正常程序及緊急應變處理程序等。
 - (三) 潛水作業水域須經由主管機管許可。
 - (四) 潛水員及潛水作業主管必須具備「潛水人員技術士證」、「潛水作業主管教育訓練合格證明」。
 - (五) 研究團隊應充分熟悉該潛水區域之情況，並確實告知潛水者，告知事項至少包括：活動時間之限制、最深深度之限制、水流流向、底質結構、危險區域及環境保育觀念暨規定，若潛水員不從，應停止該次活動。另應告知潛水者考量身體健康狀況及體力。
 - (六) 潛水作業前須完成「研究員從事潛水作業檢查表(OR2C-07-13)」。
 - (七) 潛水員不得獨自進行潛水作業。
 - (八) 作業現場應設置救援潛水員一名。該救援潛水員應於潛水作業全程穿著潛水裝備（水面供氣之頭盔及配重帶除外），待命下水。
 - (九) 天氣及海象不佳，或水域交通繁忙，影響航安或人員安全疑慮時，船長與探測技正有權力取消或延後，所有人員應遵從其指揮。
 - (十) 潛水作業期間，任何有安全疑慮或不符合作業要點之行為，應立即停止作業，並做紀錄。
 - (十一) 潛水者未完成潛水活動上船時，研究船應停留該潛水區域；潛水者逾時未登船結束活動，應以通訊及相關設備求救，並於該水域進行搜救；支援船隻未到達前，不得將船舶駛離該潛水區域。
 - (十二) 研究團隊應自行承保潛水作業人員意外險。
 - (十三) 違反本規範者，研究船管理單位將具書送繳國科會自然處「研究船工作小組」處置。

簽名/日期_____

NOR2 Researcher Diving Standard

1. Intent : In order to ensure that divers can actually abide by the safety regulations when performing underwater operations, so as to avoid dangerous situations. Formulate operating standard to ensure personnel safety.
2. Explanation : The research vessel only provides the assistance, such as working boat operations, assisting in guarding, etc. The research team shall designate a diving operation supervisor, and the diving / safety equipment shall be prepared by the research team.
3. Procedure :
 - 3.1 Conduct diving operations in compliance with the "Standards for the Prevention of Abnormal Pressure Hazards" and the "Administrative Measures for Recreational Activities in Water Areas".
 - 3.2 The diving operation supervisor shall formulate a diving operation safety and health plan to implement, including diving purpose, operating environment, operating organization, personnel roster and qualifications, equipment and equipment, operating time, normal procedures and emergency response procedures, etc.
 - 3.3 Diving operations in water areas must be approved by the competent authority.
 - 3.4 Divers and diving operation supervisors must have the "diving personnel technician certificate" and "diving operation supervisor education and training qualification certificate".
 - 3.5 The research team should be fully familiar with the conditions of the diving area, and inform the divers that the information should at least include: limitation of activity time, limitation of the deepest depth, current direction, bottom structure, dangerous areas and environmental protection concepts and regulations, if the diver does not follow, the activity should be stopped. Divers should also be informed to consider their physical health and strength.
 - 3.6 The " CHECKLIST FOR RESEARCHER DIVING OPERATION (OR2C-07-13)" must be completed before diving operations.
 - 3.7 Divers are not allowed to conduct diving operations alone.
 - 3.8 One rescue diver should be set up at the operation site. The rescue diver should wear diving equipment (except the helmet and weight belt for surface air supply) throughout the diving operation, and be ready to enter the water.
 - 3.9 When the weather and sea weather are bad, or the traffic in the water area is heavy, which affects navigation safety or personnel safety concerns, the Captain and Technician have the right to cancel or postpone, and all personnel should follow their instructions.
 - 3.10 During the diving operation, if there is any safety concern or behavior that does not follow the standard, the operation should be stopped immediately and recorded.
 - 3.11 When the divers have not boarded the ship, the research vessel should stay in the diving area; divers who have not boarded the vessel within the time limit should call for help and conduct search and rescue in the waters.
 - 3.12 The research team shall insure accident insurance for diving operators.
 - 3.13 For those who violate this specification, the research ship management unit will send a letter to NSTC for disposal.

Signature/Date: _____