

新海研 2 號 水下作業檢查表

CHECKLIST FOR 「DIVING OPERATION」

編號:	OR2C-07-12
版次:	1.1
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地點： Place		航次： Voy. No.	
作業許可期間： Diving operations start time	自 ____ / ____ / ____ : ____ 至 ____ / ____ / ____ : ____	完成作業時間： Finish Time	____ / ____ / ____ : ____
作業描述 Description of work		潛水作業主管 Diving supervisor	
作業參與人員 Personnel involved in work		潛水員 Diver	

研究船僅提供潛水所需之協助，如協助警戒等，廠商應指派潛水作業主管。

The research vessel only provides guarding assistance. The diving team shall designate a diving operation supervisor each time before the vessel implements diving operations, the following items should be checked and confirmed to be correct before proceeding.

Prior to diving operation being carried out on vessel, the following measures must be checked and secured.

項次 No.	檢查 Check	檢查項目 CHECKED ITEMS
1	<input type="checkbox"/>	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 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.
2	<input type="checkbox"/>	天候、海象、交通密度適合潛水作業 Weather, walruses, and sea traffic density are suitable for diving operations.
3	<input type="checkbox"/>	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」，並依照「異常氣壓危害預防標準」相關規定去執行水下作業。(檢核正本，副本存船) Diving crew and person in charge must have related licenses and carry out diving operation according to the relevant regulations of abnormal air pressure hazard prevention standard.(Check the original licenses, copy on board)
4		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 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.
5	<input type="checkbox"/>	潛水員身體狀況及體力適合潛水 The diver's physical condition and stamina are suitable for diving.
6	<input type="checkbox"/>	潛水員熟悉該潛水區域之情況，清楚作業時間及內容 Divers are familiar with the conditions of the diving area and know the operation time and content.
7	<input type="checkbox"/>	潛水員下水前已完成個人潛水裝備安全檢查 Divers have completed a personal diving equipment safety check before diving.
8	<input type="checkbox"/>	潛水員具有防水之通訊設備 Divers have waterproof communication equipment.
9	<input type="checkbox"/>	駕駛台及機艙控制室標示水下作業警告標誌 Warning signs be displayed on W/H and in E/R.
10	<input type="checkbox"/>	變頻電盤應急按鈕鎖定，關閉海生物防止系統、螺槳及舵機系統煞車鎖定。 Variable panel emergency stop push on secured. MGPS system switched off. Propeller

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		and steering system brake on.
11	<input type="checkbox"/>	主海水泵、GS 泵、壓艙水泵及其他海水泵...等相關泵不使用時應予關閉，並應告知潛水人員使用中的海底門及海水進出口位置。 The main sea water pump、GS pump、ballast pump and other related pumps must be stopped if not in use.And the location of operating sea chest shall be informed to the diver for confirmation.
12	<input type="checkbox"/>	測深儀、都卜勒測速儀、流速剖面儀、科學魚探儀、多頻道探測系統、水下定位系統、底質剖面儀、水下定位系統..等應予關閉。 Echo sounder、Doppler log、ADCP、EA-640、EM712、USBL、Edgetech 3300、HIPAP....etc. must be stopped.
13	<input type="checkbox"/>	已安排當值人員協助戒護潛水作業 The duty officer has been arranged to assist in the security diving operation.
14	<input type="checkbox"/>	懸掛「A」旗 Display Diving Flag, i.e. 「A」 flag
15	<input type="checkbox"/>	潛水作業主管與潛水員詳細確認作業細節並建立通訊方式 The diving operation supervisor confirms the details of the operation with the divers and establishes a communication method
16	<input type="checkbox"/>	當值船副隨時保持與潛水作業主管緊密聯繫 The duty officer should maintain close contact with diving operation supervisor at all times.

開工協調會議紀錄 Commence work meeting record :

<p>1.提供船圖予工作人員參考船舶水下布置情況。</p> <p>2.告知使用中海底門及排外閥相關位置。</p> <p>3.工作期間使用對講機 CH_____為指定聯繫方式，並確認所有溝通信號雙方清楚明瞭。</p> <p>4.應注意其他來往船舶動態。</p> <p>5.預計作業時間：_____小時</p> <p>6.詳細說明作業位置及作業方式。</p>

確認及附註 Signature & remarks

潛水員 Diver		潛水作業主管 Diving supervisor	
探測員 Technician	大 副 C/O	輪機長 C/E	船 長 Master