

ROV

ROV Operations - Weekly barrier health

BA-ROV-003

Purpose: Completed weekly to test whether the ROV barriers are degrading through the campaign rather than confirming they existed at mobilisation.

Frequency: Weekly | **Applies to:** ROV | **Response set:** Yes / Partial / No / N/A, with a note and evidence against each item

Basis: publicly available industry guidance, principally IMCA and IOGP. This framework does not replace the diving contractor's safety management system, the client's own risk assessment, or applicable national legislation. | **Complete online at** barrierassurance.com

#	Question	Guidance and reference	Y / P / N / NA
1	Have the planned maintenance routines due this week been completed, with any overdue items assessed?	Deferred maintenance on a hydraulic or electrical system is the usual precursor to a lost dive. Ref: IMCA R006; IMCA R004	
2	Is the vehicle operating with full redundancy, and where not, has the reduced capability been accepted deliberately?	Thrusters, cameras, sonar and manipulators. Note how long each degraded item has been so. Ref: IMCA R004; IMCA R006	
3	Have the launch and recovery system inspections and function checks been carried out?	Including the emergency recovery arrangement, which is rarely exercised until it is needed. Ref: IMCA R011; IMCA R021	
4	Are the umbilical, tether and terminations in serviceable condition with inspection records maintained?	Look for the record of the inspection, and for damage that has been noted but not acted on. Ref: IMCA R021; IMCA R004	
5	Have electrical safety and isolation practices been followed for all work on the system this week?	Particularly any work carried out at sea by the team rather than by a specialist. Ref: IMCA R005; IMCA R015 (safe use of electricity under water)	
6	Has tooling in use been inspected, function tested and certified where required?	Torque tools, cutters and hot stabs each have their own regime and their own failure consequences. Ref: IMCA R004; IMCA R021	
7	Are dive logs, video and data being recorded, backed up and retrievable?	The record is part of the assurance. Confirm it survives a cabin power loss. Ref: IMCA R004; IMCA S020	
8	Have the crew changed this week, and if so were handover and familiarisation completed?	New pilots on an unfamiliar system are over-represented in incident data. Ref: IMCA C001; IMCA R006	
9	Are actions from previous audits, oversights and incidents being closed to plan?	A growing open list is a barrier degrading slowly. Ref: IMCA R006	