

ROV

ROV Intervention and Tooling - Barrier verification

BA-ROV-004

Purpose: Completed where the ROV carries out intervention on subsea equipment, rather than survey or observation alone.

Frequency: Before intervention tasks, and weekly during them | **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	Is there an approved task procedure for each intervention, available in the control cabin?	Generic capability is not a procedure. Confirm the specific task has been planned. Ref: IMCA R004; IMCA M220	
2	Have the energy sources at the worksite been identified, and is the isolation confirmed before intervention?	Hydraulic, electrical, pressure and stored energy. Confirm the isolation is verified, not assumed. Ref: IMCA D044 (isolation and intervention); IMCA R004	
3	Are the tooling interfaces compatible with the subsea equipment, and has that been proven?	A trial fit or a documented interface check. Discovering incompatibility at depth is expensive and rushed. Ref: IMCA R004; IMCA S019	
4	Have the loads and reaction forces been assessed, including what happens on a tool release or failure?	The vehicle can be pulled or thrown by its own tooling. Ref: IMCA R021; IMCA R004	
5	Is the exclusion of divers and other vehicles from the intervention area assured?	Where diving is in progress, the separation must be positively managed. Ref: IMCA R020; IMCA M203	
6	Have concrete mattress or protection handling operations been planned where they form part of the task?	Handling, deployment and repositioning each carry a distinct dropped-object and entanglement risk. Ref: IMCA R016 (mattress handling, deployment, installation, repositioning and decommissioning)	
7	Is the abort and make-safe position defined for each intervention step?	What state the equipment is left in if the vehicle has to leave. This is often missing. Ref: IMCA R004; IMCA D044	
8	Are the results of the intervention recorded and verified before the vehicle leaves the worksite?	Photograph, video or measurement. Returning to prove a task is far dearer than proving it once. Ref: IMCA R004; IMCA S020	