

Marine

Lifting and Deck Operations - Barrier verification

BA-MAR-006

Purpose: Completed where lifting operations are carried out from or to the vessel, to verify the controls against dropped and swinging loads.

Frequency: Weekly during lifting operations | **Applies to:** Marine | **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 lift plan for each non-routine lift, and is it available at the point of work?	Ask the crane driver to produce it. A plan in the office is not a control on deck. Ref: IMCA M187 (guidelines for lifting operations)	
2	Have the lifts been categorised, with engineered lifts identified and assessed?	Routine, non-routine and engineered. Confirm the categorisation was applied rather than assumed. Ref: IMCA M187	
3	Is the crane certified, maintained and within its inspection period, with the load chart available?	Check the chart in the cab matches the crane configuration in use. Ref: IMCA M171 (crane specification); IMCA M187; class requirements	
4	Are lifting accessories certified, marked, inspected and fit for the load and the environment?	Slings, shackles, grommets and fibre slings each have their own regime. Check the marking against the register. Ref: IMCA M179 (cable-laid slings and grommets); IMCA M237 (high performance fibre slings)	
5	Are personnel clear of the line of fire, and are exclusion zones established and respected?	Observe an actual lift. Compare where people stand with where the plan says they should be. Ref: IMCA M187; IOGP life-saving rules	
6	Is the banksman or signaller competent, identifiable and the single point of communication?	One voice. Confirm the crane driver knows whose instruction to accept. Ref: IMCA M187; IMCA M205	
7	Have dropped object surveys and securing checks been carried out for the areas above the deck?	Including lighting, fixtures and stored equipment at height, not only the lifted load. Ref: IOGP dropped objects guidance; IMCA M187	
8	Are lifting operations suspended or limited at defined sea states, and is that limit being applied?	Confirm the dynamic amplification factor used, and who monitors it. Ref: IMCA M187; IMCA M220	
9	Are simultaneous operations around the lift controlled, particularly diving or ROV work?	A lift over a diver is the classic simultaneous operations failure. Ref: IMCA M203; IMCA D060	
10	Have lifting-related incidents or near misses been reported and acted on?	Ask about the last one. If nobody can recall one, that is either a very good record or an under-reporting problem. Ref: IMCA M187; IMCA M204	