**DIVING ON-SITE RISK** **ASSESSMENT (a)**



The following checklist of hazards, risks and other items should be conducted by the Dive Coordinator in conjunction with the Dive Safety Briefing. All **moderate** and **higher** risk factors **must** be communicated to the **dive team** to ensure they are aware of any potential hazards or risks prior to entering the water. Please circle the risk factors that apply. Note, if there is no change in site or environmental conditions the Diving On-Site Risk Assessment is valid for a **maximum of 3 days**. When site or environmental conditions change please reassess and complete a new Diving On-Site Risk Assessment.

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| **RISK FACTOR** | **LOWER RISK** | **MODERATE RISK** | **HIGHER RISK** |
| Weather and sea | Calm, settled weather pattern | Calm, unsettled weather pattern | Rough |
| Site exposure | Sheltered low energy | Partially sheltered | Exposed high energy |
| Site location | Local metropolitan | Rural | Remote location |
| Time of day | Start and finish in full daylight | Start at/before dawn and finish near/after dusk | Night diving |
| Water temperature | Warm > 18oC | Cool 12oC to 18oC | Cold <12oC |
| Current at site | Nil to weak | Moderate | Strong |
| Visibility | > 4m | 1.5m – 4m | < 1.5m |
| Depth at work site | < 9m | 9m – 21m | 21 – 30m |
| Diving experience  of personnel | > 50 hrs | 20 – 50 hrs | < 20 hrs |
| Time since last dive | < 3 months | 3 – 6 months | > 6 months |
| Number of personnel | 2 – 3 divers (multiples)  1 Boat Handler per team | 2 – 3 divers (multiples)  No Boat Handler | Single diver  ‘Live’ Boating |
| Duration of dive | At least 2 repetitive groups  less than no-deco limit | 1 repetitive group  less than no-deco limit | Dive to no-deco limit |
| Dive profile | ‘Ideal’ profile | ‘Square’ profile | ‘Reverse’ or ‘sawtooth’ profile |
| Multiple ascents | None | One or two | Three or more |
| Repetitive diving | No more than 2 dives/day | 3 – 5 dives/day | > 5 dives day |
| Local knowledge | Know site well | Some experience with or  knowledge of site | Little knowledge of site |
| Entrapment hazards | Unobstructed ascent | Around debris | Obstructed ascent |
| Entanglement | No risk of entanglement | Some risk (i.e. use of tethers or lifelines) | Higher risk (i.e. jetties or marine infrastructure) |
| Effect of boat traffic  on dive site | Infrequent traffic  depth > 5m | Some traffic  depth > or < 5m | High traffic/shipping lane  depth < 5m |
| Task related risks | Use of slates, cameras and tapes | Use of hand tools i.e. pole driver | Use of surface powered plant, dredges, pneumatic tools and/or lift bags |
| Marine life | General observation | Collection or handling of fauna or samples. | Manipulation of dangerous or venomous animals |
| Dangerous marine animals  e.g. large predatory sharks or  venomous jellyfish | No dangerous marine animals | Known range of dangerous marine animals | Common home range with history of attacks |
| Communications | Use of Voice coms with Safety line | Use of Buddy system with Buoy line | No coms or tethers |
| Diver recall and recovery | Tethers i.e. Safety line or Buoy line | Buddy system | No tethers or in water buddy |
| Medical assistance? | < 30 min. away | 0.5 – 2 hrs away | > 2hrs away |

Other Risks or Hazards List**:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Dive Coordinator:** |  | **Signature:** |  | **Date/ time:** |  |

\*A signed copy of this form must be submitted to the Maritime Safety Dive Officer post trip.