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



The following checklist of hazards/risks and other items may be of assistance when planning diving work and should be conducted by the Dive Coordinator in conjunction with the Pre-Dive 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.

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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 |

**Weather Notes; No Change**: Dive 2  Dive 3  Dive 4  Dive 5

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| Notes: Describe conditions & changes. |

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

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