 DIVING EQUIPMENT CHECKLIST & SAFETY LOG (cd)

Dive Location \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Project \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dive Coordinator \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Surface Attendant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Coxswains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Vessel \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ POB \_\_\_

|  |
| --- |
|  **Pre-dive daily checks:**  First Aid Kit [ ]  Oxygen Kit with Full Cylinder [ ]  Shark Sighting Logs [ ]  **Prior to each dive:** Dive Flag [ ]  [ ]  [ ]   Dive team and/or site clearly marked with Dive Float (mandatory if support vessel is not onsite) [ ]  [ ]  [ ]  Dive Ladder [ ]  [ ]  [ ]  Boat Shark Shield [ ]  [ ]  [ ]   |

|  |
| --- |
| **Pre-dive equipment checks**: Must be performed under the supervision of the Dive Coordinator for all dives. Only dive equipment which has been serviced annually and is in good condition is permitted.  |
| (1) Tank tightly secured to BCD harness? | (10) Watch, timing device or dive computer? |
| (2) Air supply turned on and checked by Dive Coordinator?  | (11) Depth gauge reads zero with maximum depth indicator zeroed? |
| (3) Contents of tank read? | (12) Mask, snorkel and fins in good condition? |
| (4) Any leaking hoses and or faulty gauges? | (13) Dive knife sharp and accessible? |
| (5) Breathe to test function of primary and secondary regulator? | (14) Safety sausage with finger spool? |
| (6) Purge regulators and check for free flow? | (15) Communication and emergency protocol understood? |
| (7) Inflator hose connected with inflator and all dumps functioning? | (16) Shark Shield functioning and turned on prior to entering the water? |
| (8) Suitable exposure protection, gloves, booties, hood and wetsuit? | (17) Diver fit, healthy and able to perform the dive? |
| (9) Appropriate weight belt or integrated weights with release? | List any other equipment checked? |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Dive****No.** | **Diver’s Name & Classification** | **Equipment checked** | **RF In**(1.0 to 2.0, ref table B DCIEM tables) | **Air In**(Bar/PSI) | **Air Out**(Bar/PSI) | **Depth**(m) | **Time****In**(24H:00) | **Time****Out**(24H:00) | **Total****Time**(min) | **Bottom****Time**(min) | **Effective****Bottom****Time** (min)(EBT= RF x Bottom Time) | **RG****Out**(use EBT value) | **Task / Comments** (Where applicable. record any near misses, issues with equipment or diver competency/ health). |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |
|  |   | [ ]  |   |   |   |   |   |   |   |   |  |   |   |

**(1) IN CASE OF EMERGENCY;** in Australiacall Emergency Services (Police, Fire & Ambulance) **000**, Divers Emergency Service **1800 088 200**, Flinders University Security **82012 2880**, Maritime Safety Dive Officer (MSDO) **0414190 051**. **(2)** This log sheet must be submitted to the MSDO at the completion of the diving trip. **(3)** **All accidents, incidents, near misses or equipment failure must be logged and reported to the MSDO immediately**. **(4) \* POB** = Persons On Board**.** \*\* **m** = metres. **\*\*\* RF** = Repetitive Factor (Calculated from table B in DCIEM Tables i.e. accounts for a divers residual nitrogen). \*\*\*\* **Effective Bottom Time** = RF x Bottom Time. **\*\*\*\*\* RG** = Repetitive Group (Calculated from table A in DCIEM tables, based on EBT value).

|  |  |
| --- | --- |
| **Validated:** Diving On-Site Risk Assessment [ ]   Diving Safety Briefing [ ]  Post dive diver health [ ]  | **Signed**: Dive Coordinator \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Diver 1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Diver 2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Diver 3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Diver 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Diver 5 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Diver 6 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |