



# Sundive's Tweed River Dive Plan

**Date:**

**LOCATION:**

Diving activity will take place at the Dive Training dive site in the Tweed River (-28.170122772270943, 153.54888279377232). The exact entry and exit points of the dive will be decided by the dive supervisor who will choose the safest points according to the wind, swell, current and all other environmental and assessed variables at the time.

**DIVE TIMES:**

2 x max 50-minute dives, 60-minute surface interval between dives. Max depth 10m

**DIVING PROCEDURES:**

All diving is recreational free-swimming buddy system diving following PADI safe diving standards. No dive shall exceed no-decompression limits. Certified divers are required to follow the dive plan and are responsible for their own safety and for that of their buddy. Air supplies will be monitored during dives and divers will return to the surface once 50 mins or 50 bar have been reached and a mandatory safety stop of 3 minutes at a depth of 5 m is required. Boat access to the dive site is provided by Sundive via Fingal Heads boat ramp. Backward roll entry into the water using mooring line where possible for descent. No touch policy is in place. Entry onto the boat is via the ladder located at the rear. If sight of buddy is lost search for one minute and then meet on the surface.

**TASKS:**

**Sundive Dive Guides:** to guide certified recreational divers at the chosen dive site.

**Sundive Instructors:** to teach discover scuba diving/dive courses according to dive plan based on PADI standards for respective courses.

**Sundive Dive Supervisors:** Monitors the work of the guides and instructors and completes the dive safety log; defines entry and exit points for the dive.

**BREATHING GAS:**

The breathing gas used will be air (unless otherwise agreed with Sundive). Air supply will consist of diving cylinders with a maximum of 220bar starting pressure

**DIVE EQUIPMENT BEING USED:**

Standard recreational diving equipment consisting of but not limited to: mask & fins, compressed air cylinder and valve, buoyancy control device (BCD), primary regulator and alternate air source, submersible pressure gauge (SPG) or transmitter, depth and time monitoring device, Quick release weights system, Adequate exposure suit.

**DECOMPRESSION MANAGEMENT (DIVE TIMES, BOTTOM TIMES AND DECOMPRESSION PROFILES):**

A maximum of 50 minutes or 50 bar are allowed. It is mandatory to carry a dive computer or a bottom timer and depth gauge (if not renting gear) and, dive according to the dive tables and to stay within no-decompression limits.

**FIRST AID AND OXYGEN:**

All Sundive Dive Professionals are qualified first aid, CPR and O2 providers. One first aid kit and Oxygen 'D' bottles with demand valves and free flowing masks are located under seat (Moby) or in console (Plucka) onboard and, at Sundive base.

**HAZARDS:** ENVIRONMENTAL HAZARDS: wind, current, visibility, maximum depth, water temperature, air temp, underwater terrain, sun, sharps, sea state. PHYSICAL HAZARDS: depth, tools/equipment, underwater terrain, entry & exit points, slip/fall, launching & retrieving, boat engines, entanglement. DIVER HAZARDS: pre-dive fitness, dehydration, seasickness, sunburn, fatigue, over exertion, DCI,

**RISK CONTROL:** Follow instructions communicated in the verbal dive safety briefing; for guided dives stay with guide at all times; no touch policy; wear a wetsuit; stay hydrated; use sunscreen; seasickness pills as necessary, dive within qualification and comfort/fitness limits; communicate any concerns to the dive guide.

**EMERGENCY PROCEDURES:**

**Sundive’s Safety Management System:** located onboard vessels within the Emergency Procedures Folder and at Sundive Base Available remotely and digitally on all devices at the following link:

<https://docs.google.com/document/d/1n64NB2idf5jYMf7X10oMZ04Q7RncjbN5/edit?usp=sharing&oid=102964586560018119669&rtpof=true&sd=true>.

**Diver recall:** Three load revs of the engine or continuous banging in repetitions of three. **Diver Incident:** All crew to follow ‘Sundive’s Diving Related Incident Emergency Plan’ located in the “Emergency Procedures Folder in the shop and onboard vessel. **Fire on Board:** Crew to muster all passengers to the bow of the vessel; crew to fight fire if safe to do so; Contact Sunbase; headcount; lifejackets on; Prepare to abandon ship if fire is non-extinguishable. **Missing Diver:** Crew to follow search and rescue procedures located in the ‘Emergency Procedures Folder’ in the shop and onboard vessel. **Engine Failure:** Crew to follow Skipper guidance. **Incapacitated Skipper:** Crew to follow guidance in Emergency procedures folder located in the shop and onboard vessels

**LOCATION OF NEAREST RECOMPRESSION CHAMBER, HOSPITAL & AUTOMATED EXTERNAL DEFIBRILATOR (AED):**

RECOMPRESSION CHAMBER: RBWH, Ground Floor, Ned Hanlon Building, Cnr Butterfield St and Bowen Bridge Road, HEASTON, QLD 4029. +61 7 36468111. 1.5 hours evacuation time. HOSPITAL: Tweed Hospital, Powell St, Tweed Heads, NSW 2485. Nearest Automated External Defibrillator: Tweed Hospital, Powell St, Tweed Heads, NSW 2485, Tel: 07 5506 7000

**EMERGENCY PHONE NUMBERS AND RADIO FREQUENCIES:** Emergency Services: 000; Sundive VHF Channel 72; Kirra Dive Centre: 0755366622; Emergency VHF Channel 16

**I have read and understand the agreed dive plan above:**

NAME	SIGNATURE

**PLAN YOUR DIVE AND DIVE YOUR PLAN**