



Australian Government

SISOSCB002 SCUBA dive from boats

Release: 1

SISOSCB002 SCUBA dive from boats

Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to prepare for and complete SCUBA dives using techniques that are specific to diving from boats.

The unit only covers the skills and knowledge directly related to diving from boats and not those required to operate or navigate the boat.

It applies to dive leaders, usually known as divemasters, or instructors and to assistant instructors who use these skills when leading participants during SCUBA diving activities. Leadership skills are provided in complementary units.

This unit applies to any type of organisation that delivers SCUBA diving activities and dive instruction including commercial, not-for-profit and government organisations.

No occupational licensing, certification or specific legislative requirements apply to this unit at the time of publication.

Pre-requisite Unit

SISOSCB001 SCUBA dive in open water to a maximum depth of 18 metres

Competency Field

SCUBA Diving

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Prepare for boat dives.

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

- 1.1. Waterproof and pack food, clothing, personal and other resources according to access requirements during activity.
- 1.2. Stow and secure personal resources and equipment to ensure safety of party members and crew.
- 1.3. Confirm boating safety and emergency response

- procedures and location of emergency equipment.
- 1.4. Confirm protocols for communications between divers, buddy and crew, and use correct boat terminology throughout all activities.
 - 1.5. Fit and adjust SCUBA equipment and exposure suit to self in appropriate location in readiness for dive, accounting for space restrictions.
 - 1.6. Participate in pre-dive roll call.
2. Complete boat dives.
- 2.1. Enter and exit water from designated area.
 - 2.2. Safely approach, and negotiate obstacles and hazards to minimise risk of injury when entering and exiting the water.
 - 2.3. Utilise techniques to enter and exit the water according to boat type, sea conditions and own ability.
 - 2.4. Signal buddy and boat crew and check security of equipment before descent and when re-entering boat.
 - 2.5. Utilise boat lines to assist with equipment, descent, ascent and access to boat.
 - 2.6. Re-enter boat and stow and secure personal resources and equipment for return journey.
 - 2.7. Participate in post-dive roll call.

Foundation Skills

Foundation skills essential to performance in this unit, but not explicit in the performance criteria are listed here, along with a brief context statement.

SKILLS	DESCRIPTION
Reading skills to:	interpret detailed and familiar organisational safety and emergency response procedures.
Oral communication skills to:	- use clear and unambiguous verbal and non-verbal communications to make intent known - use boat terminology and jargon with the crew and other divers for clear on board communications.
Teamwork skills to:	work in harmony with crew, buddy diver and other divers to safely enter the water from boats exit the water to boats.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guides -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=1ca50016-24d2-4161-a044-d3faa200268b>

Assessment Requirements for SISOSCB002 SCUBA dive from boats

Modification History

Not applicable.

Performance Evidence

Evidence of the ability to complete tasks outlined in elements and performance criteria of this unit in the context of the job role, and:

- complete two group open water dives from a boat
- during each dive:
 - consistently follow safety procedures and safely negotiate hazards when on board and when entering and exiting the water
 - consistently use boat terminology to communicate with crew and other divers
 - plan for, suit and gear up at appropriate times and locations to account for the type of boat utilised
 - select and utilise technique to enter and exit the water appropriate to the type of boat using one of the following entry techniques:
 - giant stride
 - controlled seated entry
 - sitting back roll
 - utilise, under control, lines in place for intended purpose during entry, exit, descent and ascent and in conjunction with buddy and boat crew
- participate in one simulation as part of a group to access and stand ready to utilise emergency equipment.

Knowledge Evidence

Demonstrated knowledge required to complete the tasks outlined in elements and performance criteria of this unit:

- organisational boating safety and emergency response procedures for SCUBA activities
- general safety requirements to maintain safety of self and others when:
 - boarding boats
 - boats are leaving and returning to the dock
 - boats are mooring in open waters
- specific to the local state or territory:
 - categories of waterways and limits in which dive boat operations generally take place
 - safety equipment required within the limits, location on boat, features and operation at a basic level of understanding with emphasis on:
 - types and sizes of dive flags displayed on boats

- types of personal lifejackets
- first aid kit
- fire extinguishers
- bilge pumps or bailers
- sound signal devices
- visual distress signal devices
- marine radios
- emergency position indicating radio beacon (EPIRB)
- techniques and equipment used to:
 - waterproof clothing, food and resources
 - pack for ease of access and maximum usage of space
 - stow and secure for safety
- meaning of boating terms and location of different parts of the boat
- designated entry and exit areas for the dive
- different locations and procedures for suiting up and fitting SCUBA equipment when diving from boats
- communication protocols used between divers and crew members when entering the water from boats exiting the water to boats
- the purpose and importance of pre and post-dive roll calls
- typical hazards associated with entering the water from boats and exiting the water to boats, and techniques used to safely negotiate these:
 - equipment on deck
 - movement of boat and water
 - ladders
 - duckboards
 - multiple divers taking turns to enter and exit the water
- techniques used to enter the water from boats and how type of boat affects selection:
 - giant stride
 - controlled seated entry
 - sitting back roll
- features and functions of different lines used for boat diving and how to use these:
 - gear lines
 - tag lines
 - current lines
 - trip lines
 - descent lines
- procedures and techniques for:
 - moving away from the boat after entry and appropriate direction of travel
 - descending and ascending near boats
 - exiting the water into boats

- the primary medical hazard of sea sickness associated with boat diving:
 - prevention
 - treatment
 - actions to take on boat when sick
 - guidelines to follow for diving when sick.

Assessment Conditions

Skills must be demonstrated in an open water site from a boat.

During assessment:

- direct vertical access to the surface must be possible; aquatic plants are not considered an overhead obstruction
- the following resources must be available to replicate industry conditions of operation:
 - first aid equipment
 - oxygen equipment
 - communication equipment for emergency response.

Assessment must ensure use of:

- a diving buddy with whom the candidate can dive
- fins
- masks
- snorkels
- cylinders and valves
- buoyancy control devices with low pressure inflators
- regulators with submersible pressure gauges
- alternative air source
- weight ballast systems
- exposure suits suitable for conditions
- timing devices
- depth gauges
- a boat of any design suitable for dive operations fitted with safety equipment and dive flags that meet local maritime regulator requirements for the dive location and size of boat
- lines used to assist divers entering and exiting the water from boats
- organisational boating safety and emergency response procedures for SCUBA activities.

Assessors must satisfy the Standards for Registered Training Organisations requirements for assessors, and:

- be an individual who is currently certified and sanctioned by an industry authorised organisation to teach and assess boat diving.

Links

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