



Australian Government

SISOSCB004 Navigate prescribed routes underwater

Release: 1

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Modification History

Not applicable.

Application

This unit describes the performance outcomes, skills and knowledge required to utilise a range of techniques to navigate underwater during any type of SCUBA diving activity.

It applies to dive leaders, usually known as divemasters, or instructors and to assistant instructors who use these skills when leading participants in 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

Nil

Competency Field

SCUBA Diving

Unit Sector

Outdoor Recreation

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes

1. Prepare for underwater navigation.

PERFORMANCE CRITERIA

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

- 1.1. Interpret any available waterway charts and publications, appropriate for the dive site.
- 1.2. Complete surface observations to assist with navigation throughout the dive.
- 1.3. Select navigation equipment, set compass bearing and determine navigation roles with dive buddy.
- 1.4. Descend facing toward direction of initial underwater travel to orientate position.

2. Navigate underwater.
- 2.1. Use compass and other instruments to track and maintain underwater direction and course.
 - 2.2. Follow underwater patterns of travel to maintain course.
 - 2.3. Utilise underwater features to fix position and maintain direction and course.
 - 2.4. Utilise techniques to measure distance travelled to fix position and maintain course.
 - 2.5. Surface if necessary to verify location and reset direction of travel.
 - 2.6. Log dive site locations for future dives.

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:	<ul style="list-style-type: none"> • interpret detailed and potentially unfamiliar information on nautical charts and publications.
Writing skills to:	<ul style="list-style-type: none"> • log basic factual data using fundamental sentence structure and navigational jargon.
Oral communication skills to:	<ul style="list-style-type: none"> • use clear and unambiguous verbal and non-verbal communications to make intent known with diving buddy.
Numeracy skills to:	<ul style="list-style-type: none"> • interpret and calculate numerical data involving, distances, times and speeds, basic multiplication and division.

Unit Mapping Information

No equivalent unit.

Links

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