

<b>Title</b>	<b>Demonstrate knowledge of hydrographic practice in hydrographic surveying</b>		
<b>Level</b>	<b>5</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of hydrographic practice in hydrographic surveying.
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<b>Classification</b>	Surveying > Hydrography
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with relevant industry and legislative requirements.
- 2 Legislation and references relevant to this unit standard include: Health and Safety at Work Act 2015; HYSPEC Contract Specification for Hydrographic Surveys Version 2.0, Land Information New Zealand (LINZ), available at <https://www.linz.govt.nz>; Standards of Competence For Category “B” Hydrographic Surveyors S-5B , available at <https://iho.int/>; and any subsequent amendments.
- 3 Definition  
*Industry requirements* may refer to but are not limited to relevant policies, processes, methodologies, industry codes of practice, site specific health and safety plans, standard operating procedures, site safety plans, quality plans, work plans, traffic management plans, contract work programmes, job safety analysis, safe work method statements, job instructions, manufacturer’s requirements, contract specifications, manuals, procedural documents, and guidelines.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of hydrographic practice in hydrographic surveying.

## Performance criteria

- 1.1 Phrases and terminology associated with types of survey operations are analysed to show understanding of specific requirements.
- Range types of survey operations – nautical charting survey, boundary delimitation survey, engineering works and dredging surveys, coastal engineering survey, deep sea survey, seismic and geomagnetic survey, pipeline route or pipeline installation and cable laying survey.
- 1.2 The roles and responsibilities of a survey team for hydrographic surveying operations are explained in terms of the technical skills and knowledge in accordance with industry requirements.
- 1.3 Hydrographic instructions and tenders are explained with reference to survey specifications.
- 1.4 The Health and Safety at Work Act 2015 is explained in terms of the requirements specific to hydrographic surveying and the roles and responsibilities of hydrographic surveyors.
- 1.5 Hydrographic practice is explained in terms of liability of the hydrographic surveyor.

<b>Planned review date</b>	31 December 2026
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### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 March 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0101
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

## Comments on this unit standard

Please contact Connexis - Infrastructure Industry Training Organisation [qualifications@connexis.org.nz](mailto:qualifications@connexis.org.nz) if you wish to suggest changes to the content of this unit standard.