

Title	Coordinate, evaluate and direct damage control functions		
Level	5	Credits	8

Purpose	People credited with this unit standard are able to: determine cause, extent, and effect of damage; respond to and assess the extent of damage; and coordinate immediate repairs resulting from damage.
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Classification	Maritime > Sea Survival and Sea Safety
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to – Maritime Transport Act 1994, and Maritime Rules.
- 2 Damage to the vessel may have the following effects: injuries, major and minor, to personnel and passengers; water leakage due to loss of structural integrity of the vessel; loss of power, mechanical and electrical; loss of operational effectiveness; and necessity to abandon the vessel.
- 3 Damage to vessel may be caused by collision with another vessel or a stationary object, storm, explosion, fire, rupture of fuel lines, leakage of combustible or corrosive agents, movement of cargo, structural fatigue, or be the result of a number of the above factors acting in concert.
- 4 Damage reports are coordinated and given to supervisors and may be verbal or written using appropriate incident report forms, where available.

Outcomes and performance criteria

Outcome 1

Determine cause, extent, and effect of damage.

Performance criteria

- 1.1 The cause and extent of the damage to the vessel are determined by inspection of the damaged area, or from assumptions made from available data where inspection is not possible, in accordance with established guidelines.
- 1.2 The number and extent of injuries to personnel and passengers are identified.

- 1.3 Damage is assessed in terms of its effect on the safety of personnel, passengers and the seaworthiness of the vessel.
- 1.4 The operational effectiveness of the vessel is assessed as a result of the damage.

Outcome 2

Respond to and assess the extent of damage.

Performance criteria

- 2.1 Information on injuries to personnel and passengers, and the location, cause, and extent of damage, are obtained from inspections and reports from personnel in the damaged area.
- 2.2 Damaged areas are isolated, and injured personnel are removed from the area.
- 2.3 Personnel are allocated to damage control and repair teams in accordance with established rosters.
- 2.4 Additional qualified personnel are allocated to first aid teams as required.

Outcome 3

Coordinate immediate repairs resulting from damage.

Performance criteria

- 3.1 Actions taken are within the allocated responsibility and level of competence of the officer.
- 3.2 Damage control teams are mustered in accordance with established rosters.
- 3.3 Unnecessary personnel are directed from the area.
- 3.4 Immediate repairs are carried out having regard to the availability of personnel, the skills available, and the availability of equipment.
- 3.5 Reports from damage control team members are collected, collated, considered, and forwarded to the supervising officer within stipulated time frames.
- 3.6 The supervising officer is advised immediately of any issues that require a timely response, and are beyond the individual's responsibility or competence to action.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1995	31 December 2021
Review	2	30 January 1997	31 December 2021
Revision	3	10 September 2004	31 December 2021
Review	4	24 September 2020	31 December 2021

Consent and Moderation Requirements (CMR) reference

0054

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.