

Title	Act as pilot launch master within harbour limits		
Level	4	Credits	25

Purpose	People credited with this unit standard are able to: manage launch and launch resources; advise other vessel's master on required manoeuvre to make the optimum lee for transfer; manoeuvre the pilot launch for transfer operations; carry out pre- and post-operational procedures; and perform emergency manoeuvres.
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Classification	Stevedoring and Ports Industry > Vessels' Port Operations
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Available grade	Achieved
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Entry information	
Critical health and safety prerequisites	Prerequisite: Inshore Launchmaster Certificate to Master Foreign Going (Class 1) or equivalent as specified in Maritime Safety Authority Manning Regulations.

Explanatory notes

- 1 Compliance requirements include but are not limited to: Health and Safety in Employment Act 1992; Maritime Transport Act 1994; Maritime Safety Authority (MSA) Maritime Rules and Safe Ship Management; MSA Manning Regulations; International Convention on Standards of Training, Certification and Watchkeeping; MSA Maritime Rules, Part 22; and Local harbour By-laws.
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard
- 3 Personal protective equipment must be used throughout operations in accordance with company policies and procedures.
- 4 Though not included in this unit standard, candidates are expected to have knowledge and experience of the following: local physical features (lights, navigational beacons, buoys, tides and currents, and hydrographic data) to a level of detail sufficient to safely manoeuvre a vessel; local port's communications, infrastructure, and emergency facilities; and the manoeuvring behaviour of ships in general. Confirmation a candidate has this knowledge and experience may be provided by the port authority or the candidate's employer.
- 5 Exception

Pilot transfer may be conducted beyond harbour limits where local circumstances and conditions demand it.

6 Definition

Company policies and procedures refer to relevant workplace documents which are current and accessible to candidates, trainers, and assessors, and which comply with legal requirements.

Outcomes and evidence requirements

Outcome 1

Manage launch and launch resources.

Evidence requirements

- 1.1 Management ensures all equipment used in the operation is checked and any repairs required are initiated in accordance with company policies and procedures.
- 1.2 Management ensures the launch is ready for duty when required in accordance with company policies and procedures.

Range includes but is not limited to – launch, equipment, crew.

Outcome 2

Advise other vessel's master on required manoeuvre to make the optimum lee for transfer.

Evidence requirements

- 2.1 Advice provided and manner of communication enable the vessel's master to be fully aware of the required manoeuvre to effect a safe transfer and to provide sufficient sea room to effect the transfer, taking into account the needs of other traffic and physical constraints.

Outcome 3

Manoeuvre the pilot launch for transfer operations.

Range pilot transfer, non-pilot transfer;
for pilot transfer – in all weathers (including marginal and rough sea conditions, but subject to any local restrictions due to port constraints) and limited visibility conditions, with vessels stopped, at anchor or underway, in open sea or harbour.

Evidence requirements

- 3.1 Launch is manoeuvred to maintain the safety of personnel and the structural integrity of the launch and vessel throughout the transfer.

Range land alongside vessel, maintain position relative to boarding point, clear away from alongside vessel.

Outcome 4

Carry out pre- and post-operational procedures.

Evidence requirements

- 4.1 Requirements and conditions for tasks assigned are established in accordance with company policies and procedures.
- Range engine room preparation, lifesaving and communications equipment, personnel (number, expertise, fitness) and times of availability, harbour traffic, weather, tide and wind, required duties.
- 4.2 Personnel and other resources are allocated to undertake the tasks assigned in accordance with company policies and procedures.
- 4.3 Pre- and post-towage documentation is completed in accordance with company policies and procedures and the requirements of recipients.
- 4.4 Launch is safely secured and is made ready for the next operation in accordance with company policies and procedures.

Outcome 5

Perform emergency manoeuvres.

Evidence requirements

- 5.1 Launch is manoeuvred to effect the safe rescue of personnel from the water in the shortest practical time.
- Range evidence may be from an actual and/or simulated situation or situations.
- 5.2 Search and rescue manoeuvres are employed in accordance with company policies and procedures.
- Range evidence may be from an actual and/or simulated situation or situations.
- 5.3 Launch is manoeuvred to extract the launch from dangerous situations in accordance with company policies and procedures.
- Range dangerous situations include but are not limited to – other vessels out of control and approaching with risk of collision, being caught on the lee side, being caught under vessel's bow or stern. evidence may be from an actual and/or simulated situation or situations.

- 5.4 Launch manoeuvres to recover objects from the water and assist breakdowns are described in accordance with company policies and procedures.

Planned review date	31 December 2020
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 1997	N/A
Revision	2	23 April 1999	N/A
Revision	3	10 April 2000	N/A
Review	4	28 June 2005	N/A
Rollover and Revision	5	17 September 2015	N/A

Consent and Moderation Requirements (CMR) reference	0145
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the SSB ssb@email.address if you wish to suggest changes to the content of this unit standard.