

<b>Title</b>	<b>Act as pilot launch crew within harbour limits</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	People credited with this unit standard are able to: use pilot launch equipment and systems; assess pilot ladder rigging to ensure safe transfer of personnel; assist in the transfer of personnel and property to and from a vessel; assist in pre- and post-operational duties; perform bridge duties; and conduct man overboard procedures.
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<b>Classification</b>	Stevedoring and Ports Industry > Vessels' Port Operations
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<b>Available grade</b>	Achieved
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<b>Entry information</b>	
<b>Critical health and safety prerequisites</b>	Open.

**Explanatory notes**

- 1 Legislation and formal requirements relevant to this unit standard include:  
Health and Safety in Employment Act 1992;  
Maritime Transport Act 1994;  
International Convention on Standards of Training Certification and Watchkeeping;  
Maritime Safety Authority Maritime Rules – Parts 22, 40 (A,B,C,D), 43, 53;  
Local harbour bylaws.
- 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 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.

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## Outcomes and evidence requirements

### Outcome 1

Use pilot launch equipment and systems.

#### Evidence requirements

- 1.1 Launch equipment and systems are used for their intended purpose in accordance with manufacturers' instructions and company policies and procedures, and in a manner that ensures the safety of the launch, crew, pilot/s, and other vessels using the port.

Range launch equipment and systems include but are not limited to – safety gear, on-board and personal life saving apparatus (LSA), bilge pumping, fire-fighting equipment and systems, alarm systems, escape systems, anchor or anchors, towage gear and special lighting, weather deck openings.

- 1.2 Radio equipment is operated in accordance with the operator's licence applicable to the equipment.

Range Maritime Rules Parts 40 A, B, C, and D; Maritime Rules Part 43.

### Outcome 2

Assess pilot ladder rigging to ensure safe transfer of personnel.

Range personnel includes – pilots, shore staff, ship's crew.

#### Evidence requirements

- 2.1 Pilot ladder rigging is assessed for safety to a standard specified in the Maritime Rules Part 53.

- 2.2 Deficiencies in pilot ladder rigging are immediately reported to the person who is to use the ladder and to the launch master.

### Outcome 3

Assist in the transfer of personnel and property to and from a vessel.

#### Evidence requirements

- 3.1 Personnel are briefed prior to transfer in accordance with company policies and procedures.

- 3.2 Personnel are assisted in donning personal protective equipment, where required, in accordance with company policies and procedures.

- 3.3 Personnel are monitored and assisted as required to ensure they are secure during transfer from launch to and from pilot ladder.
- 3.4 Personnel are alerted to optimal time and position to effect safe transfer between launch and pilot ladder without injury.
- 3.5 Property is transferred using optimal time, position, and method without endangering personnel, property being transferred, or vessels involved in the transfer.

#### **Outcome 4**

Assist in pre- and post-operational duties.

#### **Evidence requirements**

- 4.1 Cast-off procedures are carried out in accordance with company policies and procedures.
- Range checking and preparing personal safety equipment and safety and man overboard gear, open-up routines, removal of ship to shore services, casting off moorings.
- 4.2 Post-operational procedures are carried out in accordance with company policies and procedures and ensure the launch is safely secured.
- Range mooring, stowage of fenders where fitted, connection of launch to shore services, shut down routines.

#### **Outcome 5**

Perform bridge duties.

#### **Evidence requirements**

- 5.1 Any navigational hazards are identified and their presence is immediately notified to the launch master.
- Range identification methods – sight, sound, may include electronic means.
- 5.2 Vessel is steered in free-running mode in accordance with company policies and procedures.
- Range on one's own, under command.

**Outcome 6**

Conduct man overboard procedures.

Range evidence may be from an actual and/or simulated situation or situations.

**Evidence requirements**

- 6.1 Initial actions to be taken are carried out in accordance with company policies and procedures.
- 6.2 Retrieval equipment is prepared, deployed, and used to recover a person in the water as instructed by the launch master.
- 6.3 Personnel are extracted from the water in a manner which maximises their chances of survival and in accordance with company policies and procedures.
- 6.4 Recovered personnel are assessed and given first aid as required.

<b>Planned review date</b>	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	18 September 2009	N/A
Rollover and Revision	6	17 September 2015	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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.

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**Comments on this unit standard**

Please contact the SSB [ssb@email.address](mailto:ssb@email.address) if you wish to suggest changes to the content of this unit standard.