



Australian
Industry and
Skills Committee

VESSEL TRAFFIC SERVICES

Case for Change

Name of allocated IRC(s): Maritime IRC

Name of the SSO: Australian Industry Standards

1. Administrative information

For a list of the products proposed to be reviewed as part of this project, please see **Attachment A**.

Name of IRC(s):

Maritime

Name of SSO:

Australian Industry Standards

1.1 Name and code of Training Package(s) examined to determine change is required

MAR - Maritime Training Package

2. The Case for Change

For information on the job roles to be supported through the proposed qualifications updates, enrolments data, completion rates, and the number of RTOs delivering these qualifications please see **Attachment B**.

2.1 Rationale for change

This Case for Change at the request of the regulator Australian Maritime Safety Authority (AMSA) proposes to develop new training products for Vessel Traffic Services (VTS) in response to International Maritime Organisation (IMO) Marine Orders and Australian Maritime Safety Authority (AMSA) licensing and regulatory requirements.

The development will include one new qualification, eight new Units of Competency and 3 new Skill Sets, to be developed for the following job roles:

- VTS Operator
- VTS Supervisor

AMSA is responding to the International Maritime Organisation (IMO) requirements for personnel involved in Vessel Traffic Services to be certified to a specific level.

VTS is recognised internationally as a system for managing and monitoring vessel traffic within a port or waterway like an air traffic controller but for waterways. VTS is designed to meet safety of life at sea and safety of navigation by identifying and monitoring vessels, increasing efficiency of maritime traffic, preventing marine pollution, and protecting infrastructures.

The development of Training Package products for VTS will ensure that Australian seafarers are able to fill these roles and comply with AMSA and IMO licensing and regulatory requirements.

2.2 Evidence for change

AMSA has provided the Maritime IRC with a comprehensive analysis of the IMO and AMSA Vessel Traffic Services requirements which confirms:

- IMO requires personnel involved with establishing and operating VTS to be licensed/regulated in accordance with the International Convention on the Safety of Life at Sea 74/78 (SOLAS) and IMO Guidelines for Vessel Traffic Services resolution A.857(20)
- AMSA requires seafarers to comply with VTS requirements is set out in arrangements under Marina Order 64 (Vessel Traffic Services) and Navigation Act 2012
- VTS Operators or VTS Supervisors are required to participate in training which meets Standards for Training and Certification of VTS personnel (IALA Recommendation V-103)
- there is currently only one provider of AMSA accredited VTS training in Australia as RTO's previously responsible for the delivery of VTS through state accredited courses are no longer registered ('non-current').

2.3 Consideration of existing products

This Case for Change is proposing to develop new training products in response to a licensing and regulatory requirement for job roles associated with Vessel Traffic Services. Existing Units of Competency from the MAR Training Package relating to safety and technical compliance will be used in conjunction with new Units of Competency to develop the new qualification where appropriate.

2.4 Approach to streamlining and rationalisation of the training products being reviewed

Given this project is for the development of new training package products no streamlining or rationalisation is proposed.

3. Stakeholder consultation

3.1 Stakeholder consultation undertaken in the development of Case for Change

*For a full list of industry-specific stakeholders that actively participated in the stakeholder consultation process undertaken to develop the Case for Change, please see **Attachment C**.*

AMSA has evaluated the need for the Training Package development related to VTS Operator and VTS Supervisor in response to licensing and regulatory requirements set by the International Maritime Organisation (IMO).

AMSA's peak body advisory group for Vessel Traffic Services (VSTAG) supports the implementation of VTS and is designed to ensure that VTS IMO training requirements for VTS Operator and VTS Supervisor are met.

This Case for Change was posted on the Engagement Hub of the AIS website and notification of the opportunity to provide feedback on the VTS project was provided to over 924 maritime sector stakeholder subscribers and State Training Authorities.

3.2 Evidence of Industry Support

*For a list of the issues raised by stakeholders during consultation and the IRC's response to these, please see **Attachment D**.*

The Maritime IRC, on the recommendation of AMSA, supports this Case for Change.

AMSA will provide a letter of support confirming AMSA and IMO licensing and regulatory requirements for personnel involved in VTS Operations.

No objections to the development of the Training Package products have been raised to date. Industry recognises that this Case for Change has been developed in response to AMSA and IMO licensing and regulatory requirements.

3.3 Proposed stakeholder consultation strategy for project

*Note: For a full list of industry-specific stakeholders who are planned to be contacted to participate in the stakeholder consultation process undertaken for this project, please see **Attachment E**.*

Key industry stakeholders have been identified in consultation with AMSA and the Maritime IRC. The AMSA VTS Advisory Group (VTSAG) includes representatives from:

- Vessel Traffic Service authority
- State/Territory Maritime Authorities
- Port corporations/authorities

- Australian Hydrographic Office
- Australasian Marine Pilots Institute, and
- Other shipping organisations and maritime associations.

AIS, on behalf of the Maritime IRC, will promote the opportunity to contribute through stakeholder webinars, the AIS website, EDM's, AIS newsletter and public notifications.

Stakeholders will also be notified of key milestones throughout the life of the project, including requests for feedback on draft materials.

Stakeholder engagement and consultation will occur over the life of the project via a combination of the following methods:

- Direct engagement: Face to face consultations, Site visits, Phone, emails, video/teleconferencing meetings
- Industry forums and conferences
- Webinars
- Online feedback mechanisms
- STA direct engagement

Given the size of Australia and that all stakeholders are not centrally located in major cities, a range of consultation strategies will be used so stakeholders in rural, regional and remote areas, and in smaller jurisdictions have multiple avenues to provide feedback. The project will leverage the Maritime stakeholder network.

These include industry advocacy, representation, advice, networking opportunities, business promotional opportunities.

This includes but is not limited to, online/video consultation, email correspondence and promotional activity via targeted communications including social media. A recently developed [Engagement Hub](#) on the AIS website provides a one stop portal for information about how all stakeholders can participate and inform Training Package development work.

4. Licencing or regulatory linkages

Licensing and regulatory requirements relevant to AMSA (Australian Maritime Safety Authority) and the International Maritime Organisation (IMO) will be incorporated into the VTS training products. This will be done in consultation with nominated representatives from AMSA.

5. Project implementation

5.1 Prioritisation category

It has been proposed that this be a routine project.

In line with the AISC Prioritisation Report and to coordinate the release of updated products, the IRC recommends a routine update and implementation of this project.

5.2 Project milestones

Key project milestones include:

- AISC project approval – December 2021
- Draft 1 consultation – June 2022
- Stakeholder validation – July 2022
- Quality Assurance – August 2022
- Final consultation with states and territories – September 2022
- CfE submitted for approval – 30 September 2022

5.3 Delivery or implementation issues

No delivery or implementation issues have been identified to date.

6. Implementing the Skills Minister's Priority reforms for Training Packages (2015 and October 2020)

Training delivery and pathway information will be provided within the supporting Companion Volume Implementation Guide (CVIG). This guide exists to provide clear and useful information for implementers, educators, and industry.

Access and equity will be described and addressed with advice on reasonable adjustment for learners.

Foundation skills will be identified and described against the Australian Core Skills Framework (ACSF) and skill cluster known as the foundation skills for work framework.

The proposed new training product will develop a qualification, Units of Competency and Skill Sets that can be utilised by new and existing workers from various sectors of the maritime industry including ports, masters of vessels, harbours, and waterways.

This Case for Change was agreed to by the Maritime IRC

Name of Chair

Steven Moon

Signature of Chair



Date

1/12/2021

Attachment A: Training Package components to change

Australian Industry Standards Limited

Contact details: David Dixon - Chief Operating Officer

Date submitted: 1 December 2021

Project number	Project Name	Qualification/ Unit / Skillset	Code	Title	Details of last review (endorsement date, nature of this update transition, review, establishment)	Change Required
3	Vessel Traffic Services	Qualification	MAR30121Y	Certificate III in Vessel Traffic Services.	N/A	New
3	Vessel Traffic Services	Unit	MARF985Y	Conduct VTS Operations	N/A	New
3	Vessel Traffic Services	Unit	MARF984Y	Conduct VTS Traffic Management	N/A	New
3	Vessel Traffic Services	Unit	MARC983Y	Operate VTS Technology and Navigation	N/A	New
3	Vessel Traffic Services	Unit	MARI982Y	Respond to VTS Emergencies	N/A	New
3	Vessel Traffic Services	Unit	MARF981Y	Manage VTS Operations	N/A	New
3	Vessel Traffic Services	Unit	MARC980Y	Manage VTS Traffic Systems	N/A	New
3	Vessel Traffic Services	Unit	MARI979Y	Manage VTS Emergencies	N/A	New
3	Vessel Traffic Services	Unit	MARD978Y	Manage VTS Compliance	N/A	New
3	Vessel Traffic Services	Skill set	MARSS9982	VTS Supervisor	N/A	New

Project number	Project Name	Qualification/ Unit / Skillset	Code	Title	Details of last review (endorsement date, nature of this update transition, review, establishment)	Change Required
3	Vessel Traffic Services	Skill set	MARSS9981	VTS Operator	N/A	New
3	Vessel Traffic Services	Skill set	MARSS9980	VTS Fundamentals	N/A	New

Attachment B: Job role, enrolment information, the number of RTOs currently delivering these qualifications

Please set out the job roles to be supported through the updated qualifications, enrolment data over the past three years in which data is available for each qualification, completion rates for each qualification, and the number of RTOs delivering these qualifications.

Enrolment data is not available for these job roles. Vessel Traffic Systems (VTS) qualification is currently not part of the Maritime Training Package.

Job role	Qualification to be updated to support the job role	Enrolment data (for the past three years)	Completion rates (for the past three years)	Number of RTOs delivering (for the past three years)
VTS Operator		NA	NA	NA
VTS Supervisor		NA	NA	NA

Attachment C: List of stakeholders that actively participated in the consultation process of the Case for Change

Name of Stakeholder	Title	Organisation	Organisation type (e.g. Employer, peak body, union, RTO, regulator)	Jurisdiction/town/city (e.g. NSW/Sydney)
Suzie Hounsham	Senior Program Officer – State Workforce Planning	Department of Training and Workforce Development	State Training Authority	WA / Osborne Park
Jacqueline Spencer	Manager, Training Products Unit – Industry Engagement Engagement, Participation and Inclusion Division	Higher Education and Skills Department of Education and Training	State Training Authority	VIC / East Melbourne
Nelson Brown	Policy Officer – Skills and Workforce Strategy, Business and Workforce	Department of Industry, Tourism and Trade Northern Territory Government of Australia	State Training Authority	NT / Darwin
Michael McGee	Industry Liaison Officer Workforce Development & Training Branch (Skills Tasmania)	Department of State Growth Tasmania	State Training Authority	Tasmania
Marilyn Ng	Manager Policy, Skills Policy - Reform and External Policy Education and Skills Reform	Department of Education and Training NSW	State Training Authority	NSW

Name of Stakeholder	Title	Organisation	Organisation type (e.g. Employer, peak body, union, RTO, regulator)	Jurisdiction/town/city (e.g. NSW/Sydney)
Fuji Dsouza	Head of Seafarer Certification Service	Australian Maritime Safety Authority (AMSA)	Regulator	All States and Territories
Dr Michelle Grech	Manager of Vessel Operations	Australian Maritime Safety Authority (AMSA)	Regulator	All States and Territories and VTS jurisdictions
Vessel Traffic Services Advisory Group	VTSAG	Vessel Traffic Services Advisory Group	Peak Advisory Body to AMSA	All States and Territories and VTS jurisdictions

Attachment D: Issues Raised by Stakeholders during consultation on the development of the Case for Change

Stakeholder Type	Issues Raised	IRC's Response to Issues Raised
Industry Reference Committee (IRC) Representatives	No issues raised	
Peak Industry Bodies	No issues raised	
Employers (Non-IRC)	David James Duncan (Kimberley Ports Ltd) I support the qualification for those ports that operate a VTS as opposed to an information service	
	Kilian Ekin (Southern Ports – Esperance) Yes I support the case for change to align Australia with the desired outcomes established by the IMO and AMSA.	
Registered Training Organisations (RTOs)	No issues raised	
Training Boards/Other	No issues raised	
State and Territory Training Authorities (STAs)	Jacqui Spencer (Department of Education and Training, Victoria) Thank you for the opportunity to review the Case for Change for the Maritime Training Package – Vessel Traffic Services. The Victorian STA notes the proposal to develop one (1) new qualification, Certificate III in Vessel Traffic Services, and eight (8) associated new units of competency and supports this Case for Change proceeding to the AISC.	
	Michael McGee (Skills Tasmania, Department of State Growth, Tasmania)	

	<p>Thanks, and providing any issues raised by Tasmanian stakeholders regarding the AVI, CSC, MAR, POL, PUA and TLI Training Package Cases for Change have been addressed, Skills Tasmania has no additional feedback.</p>	
	<p>Nelson Brown (Department of Industry, Tourism and Trade, Northern Territory)</p> <p>The NT STA supports the MAR – Vessel Traffic Services Case for Change progressing to the AISC for consideration.</p>	
	<p>Suzie Hounsham (Department of Training and Workforce Development, Western Australia)</p> <p>The WA STA supports the Case for Change.</p>	
Unions	No issues raised	

Attachment E: List of stakeholders to be contacted as part of the development of the Case for Endorsement

Relevant Stakeholders identified in attachment C and the following:

Name of Stakeholder	Title	Organisation	Organisation type (e.g. Employer, peak body, union, RTO, regulator)	Jurisdiction/town/city (e.g. NSW/Sydney)
State Training Authorities		State Training Authorities	State Training Authorities	All States and Territories
Fuji D'Souza	Head of Seafarer Certification Service	Australian Maritime Safety Authority (AMSA)	Regulator	All States and Territories
Vessel Traffic Services Advisory Group	VTSAG	Vessel Traffic Services Advisory Group	Peak Advisory Body to AMSA	All States and Territories and VTS jurisdictions
Dr Michelle Grech	Manager of Vessel Operations	Australian Maritime Safety Authority (AMSA)	Regulator	All States and Territories and VTS jurisdictions



28 October 2021

Mr Klausch Schmidt

Director of Industry Reference Committee Australian Industry

Standards

REF: Support for Case for Change – Vessel Traffic Services Dear Mr

Schmidt

I can confirm that AMSA supports the development of the new Maritime training package products for Vessel Traffic Services (VTS).

Personnel involved in operation of VTS are required to meet regulatory requirements (including VTS training) in accordance with Marine Order 64 (Vessel traffic services) 2013 and the International Maritime Organization Guidelines for Vessel Traffic Services.

We would appreciate your support for the case for change for Vessel Traffic Services Yours sincerely

Dr Michelle Grech

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