

Remote Operator Training and Certification Pilot Framework

Glossary

June 2025

Introduction

- 1.0 This glossary sets out terminology to be applied to the Remote Operator Training and Certification framework.
- 1.1 This document should be read in conjunction with:
 - i) "RO_ROLE_DESCRIPTOR"
 - ii) "RO_CERTIFICATION_FRAMEWORK"
 - iii) "RO TRAINING DESCRIPTOR"
 - iv) "RO COMPETENCY_TABLES_(O)"
 - v) "RO_COMPETENCY_TABLES_(M)"
 - vi) "RO_TRB_TABLES_P2"
- 1.2 Annex A sets out the terms to be adopted throughout the scheme.
- 1.3 This document shall be revised as regulations, operations and technology develops.

ANNEX A

Table A

Term	Definition
Administration	The Government of the State whose flag the ship is entitled to fly.
Approved	Means a Training Provider or training course which has been audited by the Maritime and Coastguard Agency (MCA), where the MCA is satisfied that both the training centre and training course meet a specified standard, and that the training centre delivering the course holds a valid MCA approval certificate for that course. (WBC3)
Certificate of Competency (CoC)	Means an appropriate certificate issued by the Secretary of State for the purposes of regulation 6 (other than a certificate of equivalent competency) of the Merchant Shipping (Standards of Training, Certification and Watchkeeping) Regulations 2015.
Certificate of equivalent Competency (CEC)	Means an endorsement in the form of a separate document entitled "Certificate of Equivalent Competency" issued by the Secretary of State in accordance with Regulation 32 or 33 (of the Merchant Shipping (Standards of Training, Certification and Watchkeeping) Regulations 2015) to a master, officer or radio operator who holds an appropriate certificate issued by or under the authority of another Party to the STCW Convention.
Certificate of Proficiency (CoP)	Means a certificate, other than a Certificate of Competency or a Certificate of Equivalent Competency, issued to an individual, stating that the relevant requirements of training, competencies or service experience under the relevant regulation have been met.
COLREGS	Means the Convention on the International Regulations for Preventing Collisions at Sea (COLREG), 1972.
Company	Means the owner of the ship or any other organization or person such as the manager, or the bareboat charterer, who has assumed the responsibility for operation of the ship from the shipowner and who, on assuming such responsibility, has agreed to take over all the duties and responsibilities imposed on the Company.
Connectivity	The capacity for the transfer of data between a ROC and vessel. In the context of MASS, this is the data link between a ROC and a vessel by use of data communication systems(s) and network(s), that enables the transfer of data.
Control Position	Means a conning position which is manned whilst the vessel is underway. (WBC3)
Data communication systems	The system that enables the transfer of data between a ROC and vessel.
GMDSS GNSS	Means the Global Maritime Distress and Safety System. Means Global Navigation Satellite Systems, including GLONAS, GPS and GALILEO.
Gross Tonnage (GT)	Means gross tonnage as determined under the Merchant Shipping (Tonnage) Regulations 1997.

Means the time interval between a signal being sent from the vessel and being displayed to the remote operator at the ROC, or the time interval between a signal being sent from the ROC to the vessel. Mandatory	IMO	Means the International Maritime Organization.
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Remote Means either a shore-based location which is permanent or mobile, or Operation a manned vessel from which a vessel is operated	Remote Control	• •
Operation a manned vessel from which a vessel is operated	Remote	
	Centre (ROC)	

Remote	Means any person, including the Master, with recognised or certifiable
Operator	experience who is engaged in the remote operation of a vessel.
Remotely	Means a vessel with no persons on board, that is operated from a
Operated	location remote to the vessel.
Unmanned	
Vessel	
Safe Manning	Means a document, described as such, issued:
Document	
	(a) in the case of a United Kingdom ship by the Secretary of State, and
	(b) in the case of any other ship by or on behalf of the government of the State whose flag the ship is entitled to fly.
Safe state	Means the set minimum risk condition(s) defined by the vessel
	owner/operator to minimise risks to people, environment(s) and
Seafarer	asset(s). Means any person, including the Master, who is employed or engaged
Scalaici	or works in any capacity on board a ship on the business of the ship
SOLAS	and whose normal place of work is on a ship;
SULAS	Means the International Convention for the Safety of Life at Sea, 1974,
	and its Protocol of 1988, as amended, published by the International
Ola in	Maritime Organization.
Ship	Includes every description of vessel used in navigation.
The STCW	means the Seafarers' Training, Certification and Watchkeeping Code
Code	adopted by the 2010 Manila Conference of Parties to the STCW
OTOM	Convention.
STCW	Means the International Convention on Standards of Training,
Convention	Certification and Watchkeeping for Seafarers, 1978, as amended.
Teleoperation	The operation of a systems or machine from a distance.
Telemetry	The process of using equipment to send, receive and measure data over long distances.
Towing	Means the act of towage of one vessel or floating object by another vessel where the two are connected:
	.1 by a towline about which the towing vessel is free to manoeuvre
	such that there is a risk of girting, where if the towline is attached
	towards amidships, it could adopt an angle to the towing vessel and
	provide a capsizing moment.
	.2 side by side with the towing vessel firmly attached alongside the
	towed vessel or floating object, so as to be able to manoeuvre as if one
	vessel.
	.3 fore and aft with the bow of the towing vessel firmly attached to the
	stern of the towed vessel or floating object, so as to be able to push,
	pull or manoeuvre as if one vessel
Underway	Has the same meaning as in Rule 3(i) of COLREGS;
Vessel	The word "vessel" includes every description of watercraft, including
	non-displacement craft, WIG craft and seaplanes, used or capable of
	being used as a means of transportation on water.
	20.1.9 4004 40 4 modile of transportation on water.

Visual Line of Sight	See Annex C of the "RO_Training_Descriptor_".
Voluntary Recognition	Non-mandatory courses that enhance the safety of maritime personnel or to introduce best practices onboard a ship. If there are no formal guidelines for these courses, the training provider must submit the course syllabus and outcomes to the MCA. The Seafarer Services Branch will assess the proposal prior to agreeing that the Marine Office may undertake the course approval process.

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