

# Qualification Unit

This unit forms part of a regulated qualification.

**Unit Title:** Communicate Using Equipment and Visual Means

**Unit Reference Number:** F/651/5435

**Level:** Two (2)

**Credit Value:** Two (2)

**Minimum Guided Learning Hours:** 18

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Understand principles behind maritime communication	1.1 Describe the principles and basic features of the maritime mobile service <hr/> 1.2 Describe the Global Maritime Distress Safety System (GMDSS) used in the A1 sea area <hr/> 1.3 Explain the importance of protecting distress frequencies <hr/> 1.4 Describe the Maritime Safety Information in the GMDSS <hr/> 1.5 Demonstrate how to alert and locate signals in the GMDSS <hr/> 1.6 Explain how different weather conditions and locations can affect radio and visual communication signals
2. Know the requirements associated with recording communication	2.1 Describe organisational requirements for recording and retaining records of communications <hr/> 2.2 Explain the importance of communication records
3. Understand how to transmit and receive communications by visual methods	3.1 Demonstrate how to transmit and receive single letters by Morse light <hr/> 3.2 Identify International Code flags / Signalling flags

	3.3	Identify International Code single letter meanings
	3.4	Demonstrate safety, urgency and distress signals
4. Understand how to transmit and receive VHF radio communications	4.1	Explain how to operate radio equipment used in own organisation in accordance with manufacturer's instructions
	4.2	Describe organisational requirements for reporting difficulties in transmitting information using radio equipment
	4.3	Summarise the regulations and obligatory procedures and practices for the use of radiotelephones on vessels
	4.4	Identify the meaning of IMO Standard Marine Communication Phrases used when operating radio equipment
	4.5	Explain the International Phonetic Alphabet and its relevance
5. Be able to transmit and receive communications by visual methods	5.1	Transmit information by visual signalling
	5.2	Receive information by visual signalling
	5.3	Use safety, urgency and distress signals
	5.4	Comply with international regulations and mandatory procedures for communications
6. Be able to transmit and receive radio communications	6.1	Operate VHF and GMDSS radio equipment for: a) routine communication b) emergency communication
	6.2	Know the Use radio equipment in accordance with manufacturer's instructions
	6.3	Handle English messages relevant to: a) the safety of the vessel b) persons on board c) the protection of the marine environment
	6.4	Work according to the regulations and obligatory procedures and practices for the use of radiotelephones on vessels