



## **A.5 Learning Outcomes of the T- BOSIET**

The learning outcomes are specified for each of the following modules; they are:

### **MODULE 1 Learning Outcomes                      Safety Induction**

To successfully complete this module, delegates must be able to:

- (1) Identify the main offshore hazards and hazard effects/consequences; explain their associated risks, and how they are controlled.
- (2) Explain the potential environmental impact of offshore installation operations.
- (3) Identify key offshore installation safety regulations and explain the basic concept of these regulations.
- (4) Explain the principles of managing safety on offshore installations.
- (5) State the procedure for prescribed medicines offshore.
- (6) Explain the concept of alcohol and substance abuse policy.
- (7) Explain PPE requirements of working on an offshore installation.
- (8) Explain how to report incidents, accidents and near misses on an offshore installation.
- (9) Explain the role of the Offshore Medic.

**MODULE 2 Learning Outcomes****Helicopter Safety and Escape**

To successfully complete this module, delegates must be able to **demonstrate**:

- (1) Donning an aviation lifejacket.
- (2) Actions to take in preparation for a helicopter ditching and an emergency landing.
- (3) Actions following a controlled emergency descent to a dry landing with evacuation via a nominated exit.
- (4) Actions following a controlled ditching on water (including operation of a push out window on instruction from aircrew) and evacuate through a nominated exit to an aviation liferaft.
- (5) Assist others where possible in carrying out **initial** actions on boarding the aviation liferaft, to include mooring lines, deploying the sea anchor, raising the canopy and raft maintenance.
- (6) Escaping through a window opening which is underwater, from a partially submerged helicopter (without operation of a push out window).
- (7) Escaping through a window opening which is underwater, from a partially submerged helicopter (including the operation of a push out window).
- (8) Escaping through a window opening which is underwater, from a capsized helicopter (without operation of a push out window).
- (9) Escaping through a window opening which is underwater, from a capsized helicopter (including the operation of a push out window)
- (10) Inflating an aviation lifejacket and deploying a spray visor in water
- (11) Boarding an aviation liferaft from water.

**MODULE 3 Learning Outcomes****Sea Survival**

To successfully complete this module, delegates must be able to **demonstrate**:

- (1) Donning of a permanent buoyancy lifejacket prior to use in an emergency.
- (2) The correct actions when mustering and boarding a survival craft (TEMPSC) as a passenger during launching operations.
- (3) Fitting of a helicopter rescue device and correct body posture during winching.
- (4) Water entry (stepping off poolside, maximum height 1 metre) and the precautions to be taken when entering the water
- (5) Individual and group sea survival techniques, to include: swimming, getting into Heat Escape Lessening Position (HELP), wave-slap protection, towing, chain, huddle and circle.
- (6) Boarding a marine liferaft from the water.
- (7) \*Immediate first aid actions, including checking airways, breathing and industry recognised first aid practice\*\*

\*Immediate first aid actions - putting casualty in the recovery position: delegates must get instruction and demonstration **only** from instructors on putting a casualty into the recovery position but do not need to demonstrate this.

\*\* Industry recognised first aid practice – this may vary depending on first aid practice guidelines adopted in different countries/regions.

#### **MODULE 4      Learning Outcomes                      Firefighting and Self Rescue**

To successfully complete this module, delegates must be able to **demonstrate**:

- (1) Correct use of hand held portable fire extinguishers and which ones to use for different classes of fires.
- (2) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is reduced.
- (3) Self-rescue techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured.
- (4) Small group escape techniques with a smoke hood or partial blindfold from areas where delegate visibility is completely obscured.

#### **A.6              Delegate Performance Assessment of the T- BOSIET**

Delegates will be assessed against the learning outcomes specified in section A.5 using direct observation and oral and/or written questions as appropriate.

##### **Formal evaluation of knowledge:**

Delegates will be required to undertake a written test at the end of Module 1 (duration: 30 minutes) as a method of checking that they have met all the Module 1 learning outcomes. The test will be 'open-book' and questions must be clearly referenced against specific Module 1 learning outcomes and there must be a minimum of two questions per learning outcome. All learning outcomes must be achieved during the written test.

Training instructors must identify any gaps in delegate's learning and make reasonable effort to address the gaps to help delegates meet the learning outcomes.