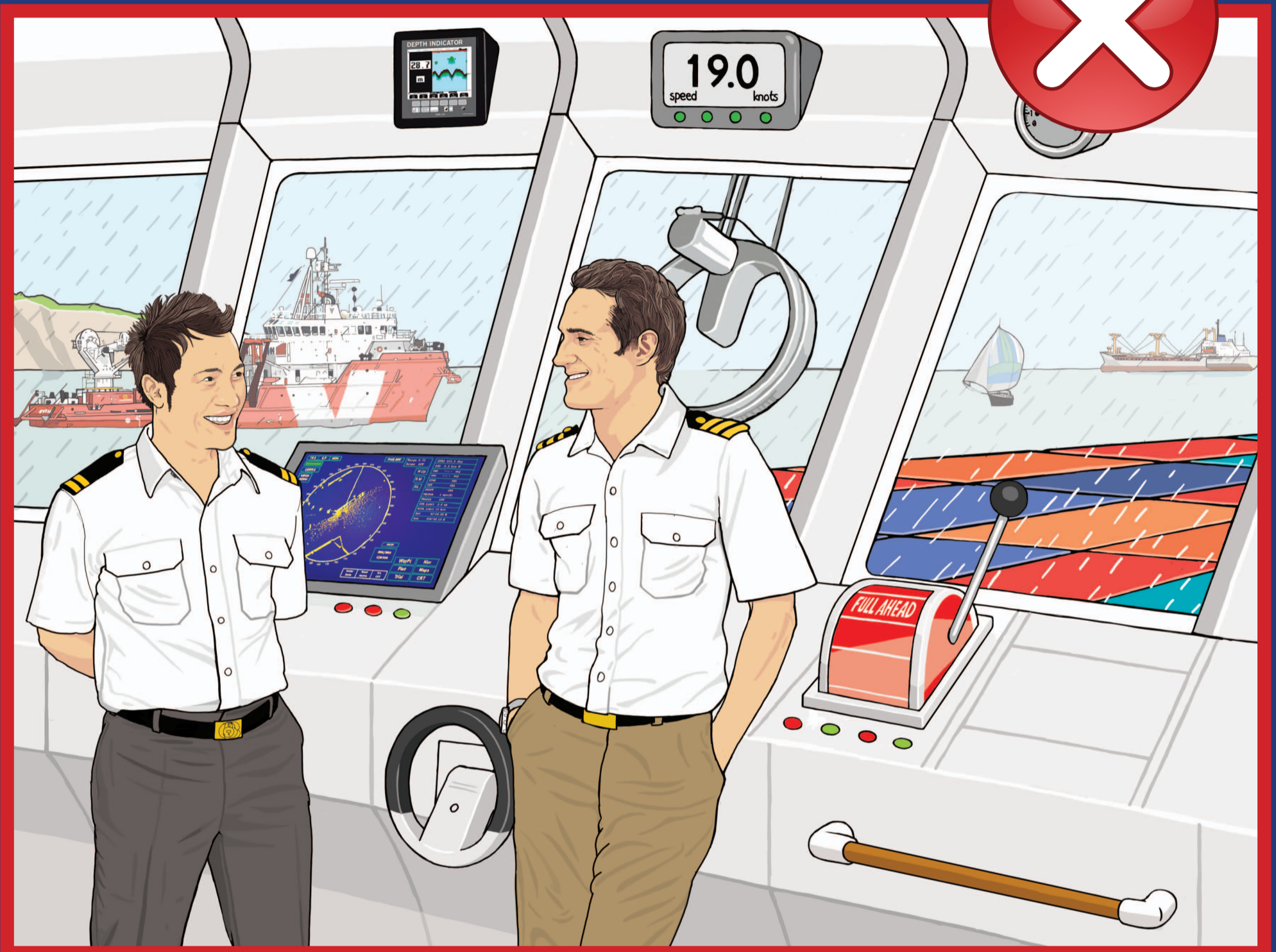


# COLLISION AVOIDANCE

## SAFE SPEED



Every vessel shall at all times proceed at a safe speed so that she can take proper and effective action to avoid a collision and be stopped within a distance appropriate to the prevailing circumstances and conditions.

In determining a safe speed the following factors shall be among those taken into account:

(a) By all vessels:

- (i) The state of visibility;
- (ii) The traffic density including concentrations of fishing vessels or any other vessels;

- (iii) The manoeuvrability of the vessel with special reference to stopping distance and turning ability in the prevailing conditions;
- (iv) At night the presence of background light such as from shore lights or from back scatter of her own lights;
- (v) The state of wind, sea and current, and the proximity of navigational hazards;
- (vi) The draught in relation to the available depth of water.

(b) Additionally, by vessels with operational radar:

- (i) The characteristics, efficiency and limitations of the radar equipment;

- (ii) Any constraints imposed by the radar range scale in use;
- (iii) The effect on radar detection of the sea state, weather and other sources of interference;
- (iv) The possibility that small vessels, ice and other floating objects may not be detected by radar at an adequate range;
- (v) The number, location and movements of vessels detected by radar;
- (vi) The more exact assessment of the visibility that may be possible when radar is used to determine the range of vessels or other objects in the vicinity.