

# COGER4

## Daughter Craft operations under normal and emergency conditions



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### Overview

The unit deals with the following:

- 1 Maintain a state of readiness
- 2 Deploy daughter craft
- 3 Respond to emergencies
- 4 Recover casualty to a place of safety

During this work you must take account of the relevant operational requirements and safe working practices AS THEY APPLY TO YOU.

**Previous Version:** Unit ER4 – National Occupational Standards for Emergency Response – July 2001

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### Performance criteria

*You must be able to:*

- P1 give the Daughter Crew information on weather conditions, field details and activities including the scope of drills and exercises in accordance with procedures for shipboard and emergency drills and exercises
- P2 clarify and inform the Daughter Craft crew, the launch and recovery crew and the OOW of their roles and responsibilities in accordance with shipboard and emergency procedures
- P3 develop the Daughter Craft Crew competencies in accordance with shipboard and emergency procedures
- P4 contribute to drills and exercises in accordance with the procedures for shipboard and emergency drills and exercises
- P5 carry out operational and equipment checks on the Daughter Craft in accordance with the Daughter Craft Operations Manual
- P6 confirm the Daughter Craft operational status to the Master/OOW in accordance with the shipboard emergency drills and exercises procedures
- P7 establish Operational Data including tasks, location, time factors, personnel involved, weather conditions, priorities, specific considerations and vessel/aircraft movements in accordance with field plans – installation/field operator procedures
- P8 establish and maintain communications using all available means in accordance with communication procedures
- P9 prepare and launch the Daughter Craft by carrying out pre launch checks, briefing the crew and gaining authority to launch in accordance with launch procedures
- P10 navigate the Daughter Craft confirming course track and position using communications equipment, position finding devices, compass, radar, navigation charts and instruments
- P11 provide the required service in accordance with operational instructions and local advice
- P12 recover the Daughter Craft and securely stow it and debrief the crew in accordance with recovery procedures
- P13 identify the incident and respond to visual and audible alarms in accordance with emergency and shipboard operations procedures
- P14 assess the incident considering weather conditions, location of personnel, the number and conditions of casualties and set priorities accordingly
- P15 take action in accordance with procedures for collision risk management, ERP requirements and ERP response
- P16 maintain effective communications using all available means in accordance with procedures
- P17 direct the Daughter Craft crew members to take action in accordance

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- with the set priorities and safe operating procedures
- P18 locate the casualties using all available means in accordance with search and rescue procedures and assessed their physical state, injured, uninjured, conscious, unconscious, fatally injured
- P19 approach the casualties in accordance with rescue procedures
- P20 rescue the casualties with casualty recovery and handling devices in accordance with rescue procedures
- P21 communicate the status of the rescue using all available means in accordance with procedures
- P22 transport the casualties using procedures appropriate to their conditions and needs to a place of safety in accordance with safe navigational procedures
- P23 direct the Daughter Craft crew and allocate tasks in accordance with safe operating procedures
- P24 recover the conscious, unconscious, injured, uninjured and fatally injured casualties to a place of safety using recovery and handling devices in accordance with recovery procedures

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### Knowledge and understanding

*You need to know and understand:*

- K1 daughter Craft and equipment
- K2 drills and exercises
- K3 development – training and teamwork
- K4 procedures
- K5 alarm response routines
- K6 rescue data requirements
- K7 choice and use of equipment
- K8 installation status
- K9 rescue
- K10 casualty assessment
- K11 assessment and planning
- K12 transport and recovery in varying weather conditions
- K13 basic safe navigational procedures

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### Additional Information

#### Scope/range related to performance criteria

Candidates are not expected to have a detailed knowledge of the collision regulations, but they should know what actions to take on their Daughter Craft when models are placed in the relative positions given in the rules and who gives way to whom when confronted with lights.

1. The following steering and sailing rules should be addressed:
  - 1.1 Rule 5 (Lookout)
  - 1.2 Rule 6 (Safe Speed)
  - 1.3 Rule 7 (Risk of Collision)
  - 1.4 Rule 8 (Action to Avoid Collision)
  - 1.5 Rule 9 (b) (Do not Impede in Narrow Channels)
  - 1.6 Rule 10 (j) (Do not Impede in Traffic Separation lane)
  - 1.7 Rule 13 (Overtaking)
  - 1.8 Rule 14 (Head on Situation)
  - 1.9 Rule 15 (Crossing Situation)
  - 1.10 Rule 16 (Action by Give Way Vessel)
  - 1.11 Rule 18 (a) (Responsibilities between Vessels)
  - 1.12 Rule 19 (d) (Conduct in Restricted Visibility)
  
2. The following is a list of lights which candidates should be able to identify, along with the associated day signals and fog signals:
  - 2.1 Power driven vessel < 7m <7 knots, <50m \_ 50m
  - 2.2 Trawler
  - 2.3 Fishing Vessel
  - 2.4 Not under command
  - 2.5 Anchor and Aground < 50m, > 100m
  - 2.6 Stern Light
  - 2.7 Pilot Vessel
  - 2.8 Sailing Vessel
  - 2.9 Restricted in Manoeuvrability
  - 2.10 Tug and tow. Tow < 200m, >200m
  - 2.11 Passage Planning Requirement
  - 2.12 Basic principles of stability including selfrighting criteria
  - 2.13 Basic understanding of the use of radar for collision avoidance with respect to true relative motion
  
3. Buoyage - I.A.L.A. system A - identify buoys by shape, colour, top mark and lights.
  - 3.1 Know where safe water is relative to the buoy

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**Relevant occupations** Engineering and manufacturing technologies; Engineering; Process, Plant and Machine Operatives; Plant and Machine Operatives

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**Suite** Emergency Response

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