

COGOS3

Check components and fasten offshore survey equipment



Overview

The unit deals with the following:

- 1 Test offshore survey equipment
- 2 Secure offshore survey equipment

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

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Performance criteria

- You must be able to:*
- P1 check integrity of all pins, cables and connectors
 - P2 perform basic operations on survey system components
 - P3 ensure that software is reading the data in accordance with all relevant conventions and fixes
 - P4 power up online system components and brought system on-line.
 - P5 ensure that the signal levels are appropriate
 - P6 assist with testing and commissioning of survey systems
 - P7 ensure that the networks and vessel systems are working appropriately
 - P8 communicate the results of the testing and confirmed that all equipment is working satisfactorily
 - P9 report all results
 - P10 work safely in accordance with operational requirements and associated Safe Systems of Work
 - P11 confirm that all equipment is installed, connected, interfaced and tested appropriately
 - P12 fasten all equipment as appropriate using a variety of techniques
 - P13 ensure all fastenings as fit for purpose
 - P14 confirm and communicate that all equipment has been fastened safely

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Knowledge and understanding

You need to know and understand:

- K1 the principles and practice of testing equipment
- K2 the range of basic operations to be carried out (to include checking system status, test string package)
- K3 the principles and practice of testing software
- K4 the principles and practice of basic electronics
- K5 local networking systems
- K6 timing and time synchronisation
- K7 how to obtain and interpret information on safety
- K8 your own responsibilities as they relate to Organisational Safety Policy, Workplace Safety Policy, Evacuation Procedures, Fire Procedures
- K9 how to access and interpret the details relating to the testing
- K10 the range of fastening techniques and how and when they should be applied (to include Chinese finger, shackles, ropes, sandbags, secure connectors, gyro alignment, non-slip matting)
- K11 the differences between temporary and permanent fastening and how and when they should be applied
- K12 the importance of maintaining knots pressure
- K13 the role played by cargo straps and nets
- K14 how to obtain and interpret information on safety

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Additional Information

Scope/range related to performance criteria

Safe Systems of Work must include processes or systems that incorporate Hazard Identification, Risk Assessment, Permit to Work and any other associated systems.

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Suite Offshore Surveying

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