

COGOS4

Establish and verify offshore survey offsets



Overview

The unit deals with the following:

1 Collect and verify offshore survey offsets

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

COGOS4

Establish and verify offshore survey offsets

Performance criteria

- You must be able to:*
- P1 confirm that all equipment is installed, connected, interfaced, tested and secured appropriately
 - P2 confirm vessel coordinate reference system and convention
 - P3 assist with establishing sensor offsets by approved technique
 - P4 apply suitable quality control measures
 - P5 assist with establishing local control where applicable
 - P6 ensure that all offset measurements are accurate and repeatable within the allowed limits
 - P7 ensure that all offset measurements and calculations are in accordance with the appropriate guidelines
 - P8 compare and check offsets against historical data where this exists.
 - P9 complete all relevant documentation
 - P10 work safely in accordance with operational requirements and associated Safe Systems of Work

COGOS4

Establish and verify offshore survey offsets

Knowledge and understanding

You need to know and understand:

- K1 the measurement of offsets (e.g. dimensional control and land survey techniques)
- K2 how vessel motion impacts upon offset measurements
- K3 the principles and practice of measurement repeatability
- K4 sensor types, accuracy and tolerances
- K5 dynamic offsets (e.g. skidding, derricks, lay ramps)
- K6 how to obtain and interpret information on safety
- K7 your own responsibilities as they relate to Organisational Safety Policy, Workplace Safety Policy, Evacuation Procedures, Fire Procedures

COGOS4

Establish and verify offshore survey offsets

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.

COGOS4

Establish and verify offshore survey offsets

Developed by Cogent

Version number 1

Date approved October 2009

Indicative review date October 2011

Validity Current

Status Original

Originating organisation Cogent

Original URN OS4

Relevant occupations Professional Occupations; Engineering Professionals; Engineering and manufacturing technologies; Engineering

Suite Offshore Surveying

Key words establish, verify, collect, offshore survey offsets
