



INSTITUTE OF
CHARTERED
SHIPBROKERS

NOVEMBER 2025 EXAMINATION SESSION

WEDNESDAY 19th NOVEMBER 2025 MORNING

OFFSHORE SUPPORT INDUSTRY

Time allowed – three hours

Answer any FIVE questions – all questions carry equal marks

Please read the questions carefully before answering

- 1) Answer **BOTH** parts of the question, using diagrams to support your answer.
 - a) Describe the general arrangement of a semi-submersible drilling rig.
 - b) Explain the operational concept of these units, in particular how they maintain station and are transported both 'in field' and over longer distances.
- 2) Explain **FOUR** of the following terms.
 - i. AUV
 - ii. Jacket
 - iii. MoA
 - iv. ERRV
 - v. Daughter Craft
 - vi. ISPS Code
- 3) Discuss the principal influences that impact the operation of an OSV depending on the regions of the world they may be operating in. Use the world map provided to support your answer.
- 4) Your manager has asked you to write an overview for the company quarterly market report on Offshore Construction Vessels (OCVs). Write a draft report with a concluding paragraph giving your outlook and recommendations for the following year.
- 5) A vessel has the following Class Notification listed on the specification sheet:

✱1A1, EO, DYNPOS(AUTRO), DK(+), CRANE, HELDK-SH, ICE-C,
CLEAN DESIGN with NAUT-AW, Comf-V(3) C(3), DSV-SAT

Provide a short description of the vessel, describing what each Class Notice designates.

PLEASE TURN OVER.

- 6) Explain what is meant by the term 'hybrid propulsion'? Describe your understanding of this propulsion arrangement, including any advantages/disadvantages. Use diagrams, if appropriate, to support your answer.
- 7) Choose **TWO** of the following special activities and then draft rider clauses for their inclusion in an OSV Charter Party.
- i. Helicopter Operations
 - ii. Passengers
 - iii. ROV Operations
 - iv. Sub-sea Crane operations
 - v. Saturation Diving Operations
- 8) Discuss the following operational problems in relation to OSV management.
- i. Collision with offshore installation.
 - ii. Unscheduled drydocking
 - iii. Heavy weather