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<b>ΒΑΘΜΟΛΟΓΙΑ</b> <b>ΓΡΑΠΤ./ΑΚΟΥΣΤ. ΕΞΕΤΑΣΗΣ</b>	<b>ΒΑΘΜΟΛΟΓΙΑ</b> <b>ΠΡΟΦΟΡΙΚΗΣ ΕΞΕΤΑΣΗΣ</b>	<b>ΒΑΘΜΟΛΟΓΙΑ</b> <b>ΤΕΛΙΚΗΣ ΕΞΕΤΑΣΗΣ</b>	<b>ΥΠΟΓΡΑΦΗ</b> <b>ΚΑΘΗΓ.</b>

**1. Listening Comprehension – Maritime Incident: The Grounding of Meshka**

*Listen carefully to the report and choose the correct answer to each question. [2 p.]*

1. Where did the vessel Meshka run aground?
  - a) East of Stockholm
  - b) West of Landskrona
  - c) South of Gothenburg
2. What flag does the vessel Meshka fly?
  - a) Swedish
  - b) Liberian
  - c) Panamanian
3. When did the grounding of Meshka take place?
  - a) 25 May
  - b) 31 May
  - c) 1 June
4. Which authority initially handled the search and rescue operation?
  - a) Swedish Police
  - b) Swedish Maritime Administration
  - c) Danish Coast Guard
5. What did the Swedish Coast Guard do after taking over the operation?
  - a) Towed the ship to port
  - b) Conducted sobriety checks and questioned the crew
  - c) Declared the vessel seaworthy
6. How much oil was reportedly on board the Meshka?
  - a) About 500,000 litres
  - b) Approximately 938,000 litres
  - c) Over 1 million litres
7. Was there any oil spill due to the grounding?
  - a) Yes, a large amount spilled
  - b) A minor leak was reported
  - c) No oil leaked

8. What action did the VTS centre take during the incident?
  - a) Notified the Coast Guard of a collision
  - b) Warned the ship it was off course
  - c) Ordered the ship to anchor
9. What time did the VTS issue the warning to Meshka?
  - a) 07:00
  - b) 10:00
  - c) 12:00
10. What was the crew's response to the VTS warning?
  - a) They corrected the course immediately
  - b) They ignored or failed to respond in time
  - c) They requested tug assistance
11. What is the name of the other bulker that recently ran aground in the same area?
  - a) Ali Aykin
  - b) Mersin Star
  - c) Setubal Trader
12. When did the grounding of the other bulk carrier occur?
  - a) 28 May
  - b) 31 May
  - c) 25 May
13. What charge was made in connection with the Ali Aykin incident?
  - a) Illegal discharge of oil
  - b) Gross negligence in maritime traffic
  - c) Failure to communicate with VTS
14. What cargo was Meshka carrying?
  - a) Crude oil
  - b) Scrap metal
  - c) Timber
15. What deficiencies were found on Meshka during its 2024 inspection in the UK?
  - a) Engine damage and expired charts
  - b) Fire safety, structural, and crew training issues
  - c) Ballast water problems and pollution violations

## **2. Reading Comprehension: Maritime Safety and the ISM**

### *A. True or False? [2 p.]*

A significant incident highlighting the importance of the ISM Code involved the capsizing of the "Herald of Free Enterprise" in 1987. This event, which resulted in numerous casualties, spurred the development and implementation of the ISM Code by the IMO. The incident, which occurred shortly after the ferry departed from Zeebrugge with its bow doors open, led to rapid flooding and the capsizing of the vessel. The tragedy, which claimed the lives of 193 people, underscored the critical need for improved safety management systems in the shipping industry.

The ISM Code, mandated by the IMO, aims to enhance maritime safety by establishing a framework for ship operations and pollution prevention. It requires shipping companies to develop and implement a Safety Management System (SMS), including documented procedures, risk assessments, and emergency plans.

The ISM Code also emphasizes the importance of training, familiarization, and clear communication between ship and shore staff, as well as the need for regular audits to ensure compliance. The "Herald of Free Enterprise" incident and subsequent implementation of the ISM Code demonstrate the importance of a robust safety management system in preventing maritime accidents. The ISM Code has been instrumental in promoting a culture of safety within the shipping industry, encouraging continuous improvement and a proactive approach to risk management.

1. The ISM Code was introduced in response to a ferry disaster that occurred in the late 1980s.
2. The *Herald of Free Enterprise* capsized after colliding with another vessel near Zeebrugge.
3. The main cause of the accident was a failure to secure the vessel's stern ramp.
4. The tragedy helped highlight serious gaps in shipboard safety procedures and management.
5. The IMO developed the ISM Code to improve navigational systems.
6. One requirement of the ISM Code is for companies to have documented safety practices.
7. Training and crew familiarisation are considered essential components of the ISM Code.
8. The *Herald of Free Enterprise* incident had no influence on international maritime regulations.
9. The ISM Code encourages shipping companies to carry out regular safety inspections audits.
10. Since its introduction, the ISM Code has helped to create a stronger safety culture in shipping.

*B. Based on your knowledge of the ISM Code, give your opinion, **answering two (2)** of the following questions (about 50 words per answer): [2 p.]*

1. What is Risk Assessment and how can it prevent accidents like the capsizing incident above?  
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2. The ISM Code promotes communication between the ship and shore-based management. Who has a key role in providing a link between the two? What are their duties?  
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3. What are audits and how can they improve safety management?  
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**3.Match to make collocations (words combined in phrases) [2 p.]**

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|-----------------------|----------------|
| 1. Near _____         | Error          |
| 2. Bitter _____       | Locker         |
| 3. Contributory _____ | Visibility     |
| 4. Swinging _____     | Plan           |
| 5. Wide _____         | Berth          |
| 6. Contingency _____  | End            |
| 7. Flag _____         | Miss           |
| 8. Human _____        | Factor         |
| 9. Restricted _____   | Of Convenience |
| 10.Chain _____        | Circle         |

**4. Fill in the gaps. Use the following words (there are extra words) [1 p.]**

<b><i>integrated, compliance, deploy, wear, suspended            assigned, resumed, insufficient, combination</i></b>
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- One third of accidents at sea happen primarily because of \_\_\_\_\_ command of Maritime English.
- Rig the accommodation ladder in \_\_\_\_\_ with the pilot ladder.
- The pilot must be \_\_\_\_\_ into the bridge team and become a member of the team.
- Pilot service is \_\_\_\_\_ due to fog.
- Ice-breakers \_\_\_\_\_ in the Great Lakes area around winter.

**5- Write the words/phrases in the correct list, under the correct topic (1 p.)**

Make a lee	Stockless	Paint application	Holding ground	Survey in progress
Boarding arrangements	Bergy bitt	Uncharted shoal reported	Disc sander	Lead

Anchor	Pilotage	Maintenance	NAV WARNING	Ice navigation
1.	1.	1.	1.	1.
2.	2.	2.	2.	2.