

# Q & A INTERVIEW 3RD OFFICER BY DAILY PELAUT

## 1. What is the duty of 3rd Officer onboard?

A: Responsible for life saving appliances, GMDSS, navigation watch, and safety equipment under Chief Officer's supervision.

ID: Bertanggung jawab atas alat keselamatan, GMDSS, jaga navigasi, dan peralatan keselamatan di bawah pengawasan Mualim I.

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## 2. What is COLREG Rule 5?

A: Every vessel shall at all times maintain a proper lookout by sight and hearing.

ID: Setiap kapal harus selalu melakukan jaga yang baik dengan penglihatan dan pendengaran.

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## 3. What is Rule 7 of COLREG?

A: Risk of collision shall be determined using radar and systematic observation.

ID: Risiko tubrukan ditentukan dengan radar dan pengamatan sistematis.

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## 4. What is Rule 8 of COLREG?

A: Action to avoid collision shall be positive, made in ample time, and result in passing at a safe distance.

ID: Tindakan menghindari tubrukan harus jelas, dilakukan cukup waktu, dan menghasilkan jarak aman.

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## 5. What is Rule 13 of COLREG?

A: Overtaking vessel must keep out of the way of the vessel being overtaken.

ID: Kapal yang menyalip harus menghindari dari kapal yang disalip.

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## 6. What is Rule 14 of COLREG?

A: Head-on situation: both vessels alter course to starboard.

ID: Situasi berhadapan: kedua kapal belok ke kanan.

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## 7. What is Rule 15 of COLREG?

A: Crossing situation: vessel which has other on starboard side must give way.

ID: Situasi bersilang: kapal yang melihat kapal lain di sisi kanan harus menghindari.

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## 8. What is Rule 16 of COLREG?

A: Give-way vessel must take early and substantial action to keep well clear.

ID: Kapal yang menghindari harus bertindak cepat dan jelas agar aman.

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## 9. What is Rule 17 of COLREG?

A: Stand-on vessel shall keep course and speed, but may take action if collision cannot be avoided.

ID: Kapal yang dipertahankan jalurnya harus jaga haluan dan kecepatan, tapi boleh menghindari jika perlu.

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## 10. What is Rule 19 of COLREG?

A: Conduct of vessels in restricted visibility. Proceed at safe speed, ready to maneuver.

ID: Kapal di jarak pandang terbatas harus jalan pelan aman dan siap manuver.

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## 11. What is GMDSS?

A: Global Maritime Distress and Safety System for distress, urgency, and safety communication.

ID: Sistem komunikasi darurat dan keselamatan maritim global.

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## 12. What are GMDSS sea areas?

A: A1 within VHF coverage, A2 within MF coverage, A3 within INMARSAT coverage, A4 polar areas.

ID: A1 jangkauan VHF, A2 MF, A3 INMARSAT, A4 kutub.

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## 13. What is EPIRB?

A: Emergency Position Indicating Radio Beacon. Sends distress signal via satellite.

ID: Radio suar penunjuk posisi darurat via satelit.

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## 14. What is SART?

A: Search and Rescue Radar Transponder. Shows blips on radar when activated.

ID: Transponder radar untuk pencarian dan penyelamatan.

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## **15. What is NAVTEX?**

A: Automated system for receiving maritime safety information on 518 kHz.

ID: Sistem otomatis penerima info keselamatan maritim di 518 kHz.

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## **16. What is distress frequency for VHF?**

A: Channel 16 - 156.8 MHz.

ID: Kanal 16 - 156.8 MHz.

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## **17. What is DSC?**

A: Digital Selective Calling for sending digital distress and routine calls.

ID: Panggilan digital selektif untuk darurat dan rutin.

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## **18. What is MMSI?**

A: Maritime Mobile Service Identity, 9-digit number for DSC and AIS.

ID: Nomor identitas 9 digit untuk DSC dan AIS.

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## **19. What is AIS?**

A: Automatic Identification System to identify and track vessels.

ID: Sistem identifikasi otomatis untuk melacak kapal.

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## 20. What is ECDIS?

A: Electronic Chart Display and Information System for navigation.

ID: Sistem peta elektronik untuk navigasi.

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## 21. What is lifejacket requirement per SOLAS?

A: One lifejacket for each person onboard plus spares.

ID: Satu lifejacket untuk setiap orang di kapal plus cadangan.

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## 22. What is lifebuoy requirement?

A: Minimum 8 lifebuoys, some with light and line, some with smoke.

ID: Minimal 8 pelampung, sebagian dengan lampu dan tali, sebagian dengan asap.

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## 23. What is muster list?

A: Document showing duties of crew in emergency.

ID: Dokumen tugas kru saat darurat.

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## 24. What is abandon ship signal?

A: 7 short blasts and 1 long blast on whistle and alarm.

ID: 7 tiupan pendek dan 1 panjang di whistle dan alarm.

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## 25. What is fire signal?

A: Continuous ringing of bell for more than 10 seconds.

ID: Lonceng berbunyi terus lebih dari 10 detik.

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## 26. What is fire triangle?

A: Fuel, heat, oxygen. Remove one to extinguish fire.

ID: Bahan bakar, panas, oksigen. Hilangkan satu untuk padamkan api.

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## 27. What are classes of fire?

A: A solid, B liquid, C gas, D metal, F cooking oil.

ID: A padat, B cair, C gas, D logam, F minyak masak.

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## 28. What extinguisher for Class B fire?

A: Foam, CO2, dry powder.

ID: Busa, CO2, dry powder.

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## 29. What is enclosed space entry procedure?

A: Permit, test atmosphere, ventilate, use SCBA, standby person, communication.

ID: Ambil permit, cek atmosfer, ventilasi, pakai SCBA, ada penjaga, komunikasi.

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**30. What gas do you test before entry?**

A: Oxygen, flammable gas, H<sub>2</sub>S, CO.

ID: Oksigen, gas mudah terbakar, H<sub>2</sub>S, CO.

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**31. What is LEL?**

A: Lower Explosive Limit. Lowest concentration of gas that can ignite.

ID: Batas bawah konsentrasi gas yang bisa menyala.

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**32. What is UEL?**

A: Upper Explosive Limit. Highest concentration of gas that can ignite.

ID: Batas atas konsentrasi gas yang bisa menyala.

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**33. What is SCBA?**

A: Self Contained Breathing Apparatus for hazardous atmosphere.

ID: Alat bantu napas mandiri untuk atmosfer berbahaya.

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**34. What is SOLAS Chapter III?**

A: Life-saving appliances and arrangements.

ID: Peralatan dan susunan keselamatan jiwa.

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## **35. What is SOLAS Chapter IV?**

A: Radiocommunications and GMDSS requirements.

ID: Komunikasi radio dan persyaratan GMDSS.

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## **36. What is SOLAS Chapter V?**

A: Safety of navigation requirements.

ID: Persyaratan keselamatan navigasi.

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## **37. What is ISM Code?**

A: International Safety Management Code for safe operation of ships.

ID: Kode manajemen keselamatan internasional untuk operasi kapal aman.

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## **38. What is ISPS Code?**

A: International Ship and Port Facility Security Code.

ID: Kode keamanan kapal dan pelabuhan internasional.

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## **39. What is MLC?**

A: Maritime Labour Convention for seafarer rights and welfare.

ID: Konvensi ketenagakerjaan maritim untuk hak dan kesejahteraan pelaut.

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## 40. What is PSC inspection?

A: Port State Control inspection to check compliance with international rules.

ID: Inspeksi Port State Control untuk cek kepatuhan aturan internasional.

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## 41. What is nautical chart?

A: Graphical representation of sea area for safe navigation.

ID: Peta laut untuk navigasi aman.

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## 42. What is chart datum?

A: Reference level for depths shown on chart, usually LAT.

ID: Titik acuan kedalaman di peta, biasanya LAT.

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## 43. What is tidal stream?

A: Horizontal movement of water caused by tide.

ID: Pergerakan air horizontal akibat pasang surut.

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## 44. What is set and drift?

A: Direction and speed of current affecting vessel.

ID: Arah dan kecepatan arus yang mempengaruhi kapal.

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## 45. What is dead reckoning?

A: Position estimated from course, speed, and time.

ID: Posisi perkiraan dari haluan, kecepatan, dan waktu.

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## 46. What is position fixing?

A: Determining ship's position using bearings or ranges.

ID: Menentukan posisi kapal pakai bearing atau jarak.

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## 47. What is parallel indexing?

A: Method to maintain safe distance from land using radar.

ID: Metode jaga jarak aman dari darat pakai radar.

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## 48. What is under keel clearance?

A: Distance between keel and seabed. Critical for safe navigation.

ID: Jarak lunas ke dasar laut. Penting untuk navigasi aman.

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## 49. What is squat?

A: Increase in draft due to vessel moving through water.

ID: Penambahan sarat karena kapal bergerak di air.

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## 50. What is anchoring procedure?

A: Reduce speed, check depth, lower anchor, check holding.

ID: Kurangi kecepatan, cek kedalaman, turunkan jangkar, cek pegangan.

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## 51. What is drag anchor?

A: Anchor that is not holding and vessel is dragging.

ID: Jangkar yang tidak mencengkeram dan kapal bergeser.

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## 52. What is swing circle?

A: Area vessel can swing around anchor in 360 degrees.

ID: Area putaran kapal di sekitar jangkar 360 derajat.

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## 53. What is mooring line?

A: Rope used to secure vessel to berth.

ID: Tali untuk mengikat kapal ke dermaga.

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## 54. What is heaving line?

A: Light line thrown to shore to pass heavier mooring line.

ID: Tali ringan dilempar ke darat untuk menarik tali tambat.

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55. Q: What is fender?

A: Device to protect ship and berth during mooring.

ID: Alat pelindung kapal dan dermaga saat sandar.

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56. **What is pilot ladder?**

A: Ladder used for pilot to board and disembark safely.

ID: Tangga untuk naik turun pilot dengan aman.

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57. **What is gangway?**

A: Means of access for crew and passengers between ship and shore.

ID: Akses keluar masuk kru dan penumpang kapal ke darat.

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58. **What is accommodation ladder?**

A: Ladder for safe embarkation at berth.

ID: Tangga aman untuk naik turun kapal saat di dermaga.

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59. **What is load line?**

A: Mark on ship showing maximum safe draft.

ID: Tanda di kapal menunjukkan sarat maksimum aman.

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## 60. What is stability?

A: Ability of vessel to return to upright position after heeling.

ID: Kemampuan kapal kembali tegak setelah miring.

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## 61. What is GM?

A: Metacentric height. Measure of initial stability.

ID: Tinggi metasentrik. Ukuran stabilitas awal.

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## 62. What is free surface effect?

A: Reduction in stability due to liquid moving in tank.

ID: Penurunan stabilitas karena cairan bergerak di tangki.

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## 63. What is list?

A: Permanent inclination of vessel to one side.

ID: Kemiringan permanen kapal ke satu sisi.

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## 64. What is trim?

A: Difference between forward and aft draft.

ID: Beda sarat depan dan belakang.

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## 65. What is cargo manifest?

A: Document listing all cargo onboard.

ID: Dokumen daftar semua muatan di kapal.

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## 66. What is bill of lading?

A: Document of title for cargo and contract of carriage.

ID: Dokumen kepemilikan muatan dan kontrak pengangkutan.

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## 67. What is stowage plan?

A: Plan showing location of cargo in holds.

ID: Rencana lokasi muatan di palka.

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## 68. What is IMDG Code?

A: International Maritime Dangerous Goods Code.

ID: Kode barang berbahaya maritim internasional.

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## 69. What is IMDG class 3?

A: Flammable liquids.

ID: Cairan mudah terbakar.

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## 70. What is MSDS?

A: Material Safety Data Sheet for chemical cargo.

ID: Lembar data keselamatan bahan kimia.

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## 71. What is segregation of cargo?

A: Separating incompatible dangerous goods to prevent reaction.

ID: Memisahkan barang berbahaya yang tidak cocok agar tidak bereaksi.

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## 72. What is container lashing?

A: Securing containers to prevent shifting at sea.

ID: Pengikatan kontainer agar tidak bergeser saat laut kasar.

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## 73. What is cargo hold inspection?

A: Check hold is clean, dry, and ready for cargo.

ID: Cek palka bersih, kering, dan siap muat.

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## 74. What is hatch cover?

A: Cover to close cargo hold and make it weathertight.

ID: Penutup palka agar kedap cuaca.

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## **75. What is ullage?**

A: Empty space above liquid in tank.

ID: Ruang kosong di atas cairan dalam tangki.

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## **76. What is sounding?**

A: Measuring liquid level in tank using sounding tape.

ID: Mengukur level cairan di tangki pakai pita sounding.

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## **77. What is ballast?**

A: Water taken onboard to improve stability and trim.

ID: Air yang dimasukkan untuk memperbaiki stabilitas dan trim.

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## **78. What is ballast water management?**

A: Process to prevent transfer of invasive species via ballast water.

ID: Proses mencegah penyebaran spesies invasif lewat air ballast.

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## **79. What is MARPOL Annex I?**

A: Prevention of pollution by oil.

ID: Pencegahan polusi minyak.

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## 80. What is MARPOL Annex II?

A: Control of pollution by noxious liquid substances.

ID: Pengendalian polusi bahan cair berbahaya.

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## 81. What is MARPOL Annex III?

A: Prevention of pollution by harmful substances in packaged form.

ID: Pencegahan polusi bahan berbahaya dalam kemasan.

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## 82. What is MARPOL Annex IV?

A: Prevention of pollution by sewage.

ID: Pencegahan polusi air kotor.

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## 83. What is MARPOL Annex V?

A: Prevention of pollution by garbage.

ID: Pencegahan polusi sampah.

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## 84. What is MARPOL Annex VI?

A: Prevention of air pollution from ships.

ID: Pencegahan polusi udara dari kapal.

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## 85. What is ORB?

A: Oil Record Book for logging oil operations.

ID: Buku catatan operasi minyak di kapal.

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## 86. What is OWS?

A: Oily Water Separator to separate oil from bilge water.

ID: Pemisah oli dari air bilge.

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## 87. What is 15ppm limit?

A: Maximum oil content allowed in discharged bilge water.

ID: Batas maksimal kandungan oli di air bilge yang dibuang.

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## 88. What is SOPEP?

A: Shipboard Oil Pollution Emergency Plan.

ID: Rencana darurat polusi minyak di kapal.

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## 89. What is SMPEP?

A: Shipboard Marine Pollution Emergency Plan for noxious substances.

ID: Rencana darurat polusi bahan berbahaya di kapal.

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# Q & A INTERVIEW 3RD OFFICER BY DAILY PELAUT

**90. What is navigation light for power-driven vessel underway?**

A: Masthead, sidelights, sternlight.

ID: Lampu tiang, lampu sisi, lampu buritan.

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**91. What is navigation light for sailing vessel?**

A: Sidelights and sternlight. No masthead light.

ID: Lampu sisi dan buritan. Tanpa lampu tiang.

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**92. What is day signal for vessel not under command?**

A: Two black balls in vertical line.

ID: Dua bola hitam vertikal.

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**93. What is day signal for vessel constrained by draft?**

A: Cylinder.

ID: Silinder.

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**94. What is fog signal for power-driven vessel underway making way?**

A: One prolonged blast every 2 minutes.

ID: Satu tiupan panjang tiap 2 menit.

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# Q & A INTERVIEW 3RD OFFICER BY DAILY PELAUT

**95. What is logbook?**

A: Official record of ship's navigation and operations.

ID: Catatan resmi navigasi dan operasi kapal.

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**96. What is deck logbook?**

A: Record of events during navigation watch.

ID: Catatan kejadian selama jaga navigasi.

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**97. What is bell book?**

A: Record of engine orders and bell times.

ID: Catatan perintah mesin dan waktu bel.

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**98. What is garbage management plan?**

A: Plan for collection, storage, and disposal of garbage.

ID: Rencana pengumpulan, penyimpanan, dan pembuangan sampah. by @daily.pelaut.ID

**99. What is garbage record book?**

A: Record of all garbage disposal operations.

ID: Catatan semua operasi pembuangan sampah.

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## **Q & A INTERVIEW 3RD OFFICER BY DAILY PELAUT**

**100. What is your action if you see a red flare?**

A: Report to Master immediately. It is a distress signal.

ID: Laporkan ke Nahkoda segera. Itu sinyal darurat.

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