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7718065806

For answer

CONTACT 7718065806

**Question of  
Mr. Mehrotra + Mr. Shrivastava sir + Mr Deshwal + Mr.  
Upendra Sir + Umashankar Sir + Mr Kar. + + Mr. Anil + Mr.  
Dilip.**

**Nov 2025.**

Ext: Mudit Mehrotra Sir

Attempt: 1

**Question.** You worked as a second engineer on cape size bulk carrier. Now you tell me, what cargo is carried on your vessel.

I said iron ore.

Do you have any fire-fighting system for cargo hold?

I said NO, for ore carrier.

Why no?

I said as per SOLAS Ch II-2 Reg 10 for cargoes with low fire risk you don't require a fire-fighting system.

**Question.** If I keep coal in it and it caught fire how to fight the fire?

**Question.** Requirements for registration of second-hand ship. now how to know if the seller sold only to you or he might have sold it to multiple people, what protection is provided

**Question.** Marine Insurance – Inchmaree clause? Give me example

**Question.** What is unseaworthy ship definition as per MS Act

**Question.** New Jason clause

**Question.** Difference between Class and RO?

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**Question.** What is HNS convention? Why not in force? What is HNS substances? What HNS convention covers.

**Question.** Diff between chem and product

**Question.** How to terminate seafarer as per MLC?

**Question.** What is vicarious liability? Explained and told about Adler vs Dickson case as well.

**Question.** III code. How will IMO check if flag state is properly implementing the conventions?

**Question.** How will you prepare for survey of engine room overhead crane? (Not satisfied. He wanted to hear about checking wire condition and any loose strands)

**Question.** Have you heard about greenhouse gases? What are sustainable fuels?

**Question.** What is that triangle symbol on bulk carrier ship side? (Couldn't answer)

**Question.** Define wreck as per Nairobi Wreck Convention

**Question.** Procedure for suspension of class

**Question.** Difference between COC and Memoranda. Two examples for each. When class is automatically withdrawn. Give me at least 4 possible ways.

**Question.** Warranties in Marine Insurance

**Question.** III Code: objectives and what is IMSAS. Who does the audit?

**Question.** What is derating? Derating and EPL – what is the difference?

**Question.** What is Basel convention

**Question.** How noise survey carried out, location

**Question.** FAL convention

**Question.** SMD – where it's mentioned, which chapter of SOLAS, other references, SOLAS Ch 11 and cross questions

**Question.** Kappel propeller

**Question.** Release call, how it's decided

**Question.** CLC

**Question.** Key elements of General Average

- Question.** Type of Subrogation
- Question.** Who issues IMO number
- Question.** Management Review as per ISM
- Question.** What is MMSI number
- Question.** Facultative Reinsurance
- Question.** Convention adoption, significance including tacit and explicit procedure
- Question.** Difference between engine derating and engine limiting, purpose, procedure + cross questions
- Question.** Welder qualification, what is 5G and 6G welding
- Question.** MASS Code in detail
- Question.** Documents required for registry, for recycling and de-registry
- Question.** BLU code in detail
- Question.** Maritime lien details, Admiralty Act and assessor details
- Question.** Can PSC do audit in case of clear grounds? What is clear ground? What can PSC do?
- Question.** PR17 procedure, whom all to report and what to report?
- Question.** Exception clause in COC

## Mr. Shrivastava sir

- Question.** Auto tuning in ME engine
- Question.** Parametric rolling and related general questions
- Question.** Sister ship clause
- Question.** PSC inspections in detail
- Question.** If 3E is excessively doing overtime, his rest hours are compromised. How as CE you will manage.
- Question.** Scopic clause
- Question.** CII and what is D and E rating in details. U join a ship which has received a D rating for CII. Your course of action
- Question.** What is blue hydrogen
- Question.** ISO 8217:2017 & ISO 8217:2024 difference and changes
- Question.** What is FAME?

**Question.** Shipping casualty as defined in MS Act

**Question.** What is proximate cause

**Question.** Class certificates and statutory certificates difference

**Question.** Changes in the new MS Act

**Oct 2025.**

Date 24/10/2025 Internal: Shirish

External: Deshwal

**Question.** What is official log book.

**Question.** HART

**Question.** What is the difference between load line of container's and other ships.

**Question.** What is UNCLOS article 3?

**Question.** What is difference between IMO number and official number?

**Question.** noise code how to take measurements maximum noise in ship

**Question.** LNG bunkering procedures and requirements, Hose material and how ESD work

**Question.** IEC and NEMA

**Question.** latest in FSS code

**Question.** latest in mepc

**Question.** Green and blue ammonia

**Question.** What is Kyoto Protocol and its timeline.

**Question.** What is NEMA and NEMA standards for ships.

**Question.** which all authorities are there related to your ship Who have supreme authority

**Question.** UNCLOS article 217,

**Question.** cyber security implementation how to carry out

**Question.** Lifeboat annual survey

**Question.** Admiralty law

- Question.** Auditor give MNC, action
- Question.** H2 fuel cell
- Question.** Esp survey in oil tanker
- Question.** Annual and intermediate survey
- Question.** What is an industrial person as per solas
- Question.** Psc insp vs fsi

## Oct 2025 Srivastava sir

- Question.** Types of Chemical tankers and tank construction? Different types of cargoes in Chemical tankers and discharge requirements?
- Question.** What are e fuels?
- Question.** What are green fuels?
- Question.** MS. Act 2025? – What is new registration amendment in M.S. Act 2025?
- Question.** What is Certificate of Finance' Security?
- Question.** Statutory and Class surveys? Examples?
- Question.** Principles of marine insurance? Explain principle of Subrogation?
- Question.** What is Critical period in dry dock and why it is called critical period?

Date: 24.10.2024 Internal: Chaki sir External: Srivastava sir Basic introduction and experience

- Question.** ISM Audits details, time frame Additional audit details.
- Question.** Class notation..Tmon...details and benefits ?
- Question.** Fuel quality Standards...ISO 8217 Difference between ISO 8217:2017 and 2024
- Question.** CTF....Types of coating, content etc
- Question.** IMO structure...India position... committee etc

24.10.2025

- Question.** What is CIOFS
- Question.** Difference between EGB and EGE
- Question.** M.S. Act 2025 and Casualty Investigation in the ACT
- Question.** Difference between PA and GA
- Question.** IACS and Unified requirements
- Question.** ISO standards and Latest ISO standards 2024
- Question.** RO Code

Sept 2025

## External: Deswal sir

Questions asked:

- Question.** MNC and NC – how to correct with example
- Question.** Latest MLC amendment
- Question.** Latest FFA (firefighting appliances) latest amendment
- Question.** Salvage – what are features
- Question.** How to implement onboard cyber security plan
- Question.** Master review and management review
- Question.** Latest amendments to ECA
- Question.** Carbon footprint
- Question.** LNG bunkering in detail
- Question.** How to carry out measurements in Noise Code
- Question.** Bunker off-spec – actions as CE

**Question.** UNCLOS Article 217

**Question.** As a Chief Engineer – how will you improve the efficiency of a rudder?

**Question.** When did Nairobi Wreck Convention come into force?

**Question.** What are Class 1, Class 2, Class 3 inspection

**Question.** Wind propulsion system details

**Question.** ESP implementation onboard

**Question.** What are Articles 17, 18 of UNCLOS?

**Question.** Can CE carry out Audit of a ship?

**Question.** What are surveys CE can and cannot carry out onboard

**Question.** Green and Blue Hydrogen

**Question.** LNG fuel bunkering

**Question.** Kyoto Protocol

**Question.** Blue fuels

**Question.** Blue Ammonia

**Question.** What are White, Grey and Black list ship?

**Question.** CAP and CAS

**Question.** Official logbook detail

**Question.** New Inspection Regime

**Attempt 3**

**Internal – Shirish**

**External – Upendra**

Intro

**Question.** Test done in shop trial?

- Question.** Tank testing test purpose? Type of tank testing test? How tank testing test done? Test done in sea trial? All test in engine room?
- Question.** What all certificate required?
- Question.** Class purpose from design stage to delivery?
- Question.** Your company takes ship from other country? What all document required? How you as CE will check all documents?
- Question.** How will implement or apply for SMC? Action of CE in interim SMC? Document to check in interim SMC?
- Question.** Diff b/w IGC & IGC code.
- Question.** Latest in IGC (Amendments).
- Question.** Types of boundary tank onboard your ship?
- Question.** No. of pumps, type of pump? Action in case of pump fails? Emergency pump & main pump repairs?
- Question.** Type of shore link for communication (ship–shore).
- Question.** In port L/B damage, action as CE?

Image 2 (Vijay Parihar – Attempt 3)

Forwarded from Vijay Parihar

Attempt 3

Int: Shirish Sir

Ext: Upendra Sir

- Question.** Type of tanks on LPG Carrier. Difference between independent and integrated tanks.
- Question.** ESP in detail. Applicability and as CE how to prepare for ESP?
- Question.** How to prepare for Interim SMC as a CE?
- Question.** How to do registration of ship and who can do the registration?
- Question.** MS Act 2025.
- Question.** MEPC 83 – when it was conducted and new amendments to IGC code.
- Question.** ECA area as per MEPC 83.
- Question.** Causes of ME slowdown. Actions as CE.
- Question.** PSCO comes on board and finds that the sulphur content is high. What action?
- Question.** As per MLC – hours of rest for a normal seafarer and young seafarer?

Attempt 2

Ext: Upendra Sir

Int: Shirish Sir

**Question.** What all tests in yard delivery.

**Question.** Why sea trial important and shop trial important.

**Question.** What all checks to be done before taking yard delivery.

**Question.** How initially you will know H and M has been covering your vessel, will it be doing so same in sea trial.

**Question.** What all documents you require related to insurance before maiden voyage.

**Question.** Responsibilities of P & I correspondent just after or before yard delivery, if any.

**Question.** What all checks on loadicator tests in sea trial and how to set up.

**Question.** What all manoeuvres in sea trial to be done.

Attempt 3

Int: Shirish Sir

Ext: Upendra Sir

**Question.** Type of ship sailed:

LPG Carrier. Types of tanks. Types of ship, difference between 2G and 2PG.

**Question.** Environmental shipping index.

**Question.** Fit for 55.

**Question.** Fuel EU maritime.

**Question.** Certificates under SOLAS.

**Question.** Types of survey.

**Question.** Periodical survey.

**Question.** L3.

**Question.** EDD.

**Question.** Method of SOx reduction.

**Question.** NOx reduction methods, EGR and diff between DG SCR and ME SCR.

**Question.** Model test? Types of test done during model test.

**Question.** Documents in Cyber Security management and protection wrt to cyber security?

**Question.** MLC latest amendment.

**Question.** SOLAS ch 13 and III code, number of conventions under III code.

**Aug 25.**

Int - Shirish sir

Ext - Mehrotra sir

Introduction and told to give to the point answers then rapid fire started.

**Question.** Imsas III code, Which conventions are covered under III

**Question.** Facultative reinsurance

**Question.** Treaty reinsurance.

**Question.** Principal and type of subrogation

**Question.** Different types of clauses in insurance

**Question.** Meant by term SIMILAR STAGE OF CONSTRUCTION

**Question.** Umbrella convention

**Question.** Official log book entries

**Question.** BLUE Economy

19.08.25 – Int: Shrish Kumar, Ext: Anil Deshwal

**Question.** Disadvantages of double hull oil tankers.

**Question.** What is VECS system.

**Question.** ISPS survey.

**Question.** Carbon footprint.

**Question.** Propeller damage at mid sea, what will be your action.

**Question.** Latest in FSS Code.

**Question.** Difference between CLC and Bunker Convention.

**Question.** Difference between Hague Visby and Hamburg Rotterdam rules

20.08.2025 Int- shiris sir, ext-deswal sir

**Question.** what will do as ce,, if charter requirements speed not getting normal condition of weather.

**Question.** How to calculate slip.

**Question.** what is primary & secondary for nox reduction.

**Question.** what is SCR,TYPE of scr, advantage & disadvantages.

**Question.** Types of marine insurance,

**Question.** types of charter

**Question.** how to prepare for Psc inspections & how psc work.

**Question.** what are certificates required for new ship.

**Question.** latest msc & mepc.

**Question.** NH3 fuel challenge.

Date: 19.08.2025 Internal: Girish sir, Ext: Deswal sir

**Question.** Hart and why using onboard where using,

**Question.** Engine Derating with example

**Question.** Ghg

**Question.** Djibouti code

**Question.** D1,D2,D3 AND G8 G9

**Question:** IEC / NEMA

**Question.** Hague visby rule

INTERNAL

**Question.** MEPC 83

**Question.** IMPLEMENTATION OF ISM ON NEW SHIP

**Question.** Mepc 80-83, explain ghg related and how they interrelated, what next( 84 adoption)in use for sample, xq where, when, how

**Question.** bunker certificates?

**Question.** 83 detail, full

**Question.** Green fuel, blue fuel, xq y everyone talking about green fuel

**Question.** imo vs official no, why need both S&p global?

Exam date: 22/08/2025

Attempt: 2nd

Internal Examiner: Brij Srivastava Sir

External Examiner: Chaki Sir

Which company, 2nd engineer experience, type of ship, types of engines you worked on?

**Question.** IMO GHG Strategies

**Question.** Explain GFI and Unit of GFI

**Question.** What is Territorial Sea, EEZ, and Continental Shelf?

**Question.** What is Underwater Survey and In-water Survey?

**Question.** What is Proximate Cause?

**Question.** Crew hours of rest records not complying – as Chief Engineer how will you manage it?

Date: 22.08.2025

Attempt: 2

Internal Examiner: Chaki sir

External Examiner: Shrivastava sir

Exam Structure: Written result, then orals.

Questions Asked:

Attempt number.

Engine and ship type.

**Question.** PSC – all types of inspection & differences.

**Question.** Multiple load line.

**Question.** SCOPIC clause cross-questions – why would salvor choose SCOPIC even if uplift is less?

**Question.** India's position in IMO (just wanted to hear "India in Category B").

**Question.** Sister clause.

**Question.** Latest fuel standard, differences from previous ones, why FAME content increased so much.

**Question.** Methanol as fuel – advantages & disadvantages, why methanol.

**Question.** FCM on RT-flex engine – how many units onboard, spare kept, and action when FCM faulty for one unit.

**Question.** GFI / GFI unit.

20.08.2025 Internal: Chaki Sir

External: Uma Shankar Singh Sir

Attempt: 4

**Question.** Explain SUA convention and what are unlawful acts.

**Question.** Explain ETA on ships and latest amendment wrt ETA.

**Question.** Latest amendment wrt enclosed type lifeboat

**Question.** Latest amendment wrt bulk carrier.

**Question.** Latest amendment wrt collision bulkhead

**Question.** Latest wrt SEEMP Part2.

**Question.** Latest amendment wrt MLC 2006.

**Question.** Material of piston rings, what types of coatings in it and it's significance,

**Question.** What is methane slip and which type of engine it is higher.

**Question.** Safeties in dual fueled engine wrt IGF code.

**Question.** Calculation for requirement for CO2 bottles in engine room and calculation for engine room.

**Question.** Dual fueled engine working on which cycle and explain all cycles.

**Question.** BWMS new amendments:

**Question.** New amendments for grain code

**Question.** Tell about EEDI

**Question.** ISM implementation

**Question.** GM

**Question.** Additional bulk carrier safety

**Question.** How will you calculate total fuel for voyage? Only fuel or anything else? (Candidate answered: Lub oil also for ME, AE, and other necessary machinery)

**July 2025.**

**July 2025**

**Internal: Praveen Nair**

**External: Shrivastav Sir**

**Question.** What is bill of lading. What is letter of credit

**Question.** What is ESP SHIP/What checks on water ballast tanks WRT ESP.

**Question.** What is the standard for bunker fuel

**Question.** What is proximate clause in marine insurance

Internal:

**Question.** Latest PSC guidelines number

**Question.** How many PSC MoU and name of MoU India is part of

Internal: Praveen Nair Sir

External: Brij Srivastava Sir

**Question.** SMC audit

**Question.** Green fuel

**Question.** GFI calculation

**Question.** MOC

**Question.** NC and MNC definitions as per ISM

**Question.** Class and Stat survey

Nair Sir:

1. Methanol Safeties

External: Shirish Sir

Internal: Deswal Sir

Attempt: 1

**Question.** Difference between ISM & ISO?

**Question.** What is electronic fuel?

**Question.** Blue hydrogen?

**Question.** HART Protocol?

**Question.** Latest in FSS Code?

**Question.** High amount of catfines in fuel – Your action?

**Question.** CAS CAP?

Int - Shirish Kumar

Ext - Deswal

**Question.** What is Swiss cheese model.

**Question.** Derating of the engine.

**Question.** What is electric propulsion.

**Question.** Official log book entries.

**Question.** What is internal and external audit.

**Question.** Definition of industrial person.

**Question.** Unclos 3.

17.06.2025

External - Deswal

Internal - Shirish Kumar

Attempt - 3

Result - PASS

**Question.** Green seas

**Question.** Management Review.

**Question.** MEPC 83

**Question.** What is noise code. Different measurements in noise code how it is taken.. Hearing conservation program.

**Question.** What is role of DPA.

**Question.** India's stance on reducing GHG emission and what has it done with respect to shipping

Internal - Sirish Sir

External - Anil Deswal

Introduce yourself

**Question.** Rudder repair

**Question.** Bunker off spec cat fine high before taking bunker.

**Question.** Official number and IMO number

**Question.** External audit frequency/Qualification of external auditor.

**Question.** Carbon footprint

**Question.** Solas chapter 15

**June 2025.**

27/June/2025

Internal: Shirish

External: mudit meharotra

Introduction.

Status of written.

**Question.** Reinsurance and types [**Question.** Facultative reinsurance. Any other reinsurance types.]

**Question.** Artificial general average / GA and PA,

**Question.** Scopic clause

**Question.** Load line surveyor came onboard can he detain the vessel ?

**Question.** Port state came onboard and found ism failure, can he do audit ? why ?

**Question.** port state can detain vessel on basis of ism ?

**Question.** Documents with respect to second hand ship registration?

**Question.** what protects multiple registration of ships? other than instrument of sale what is required to protect multiple registration?

**Date-26 June 2025**

**Int-Shirish**

**External-Malhotra**

**Attempt- First**

**Result - Pass**

**Question.** Responsibility of flag state as per UNCLOS, Base line, How base line is decided, Contiguous Zone, Rights on contiguous Zone.

**Question.** Inchmaree clause

**Question.** Maritime lien, Admiralty Act , meaning of Res and rem.

**Question.** Entry to be made in official logbook

**Question.** BLU code .

**Question.** Difference between Unseaworthy and Unsafe ship.

**Question.** SUA convention,

**Question.** Offences under SUA

**Question.** Class Surveyor came onboard and found ISM related major deficiency and want to detain the vessel, how he can Inform authority to detain the vessel.

**Question.** Maintenance to be carried on gripes of lifeboat

**Question.** How to become RO

**Question.** Steps to take if entry of water in stern tube

**Question.** Fal convention & 49

**Question.** Basel convention

**Question.** Difference between Basel and London protocol

**Question.** Blue economy

**Question.** Imsbc code

**Question.** MLC and what is written in mlc wrt appraisal of seafarer.. can he be terminated on basis of appraisal?

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**Question.** Fuel specs as per lab..0.52% sulphur..what you do?

**Question.** Coc and memoranda

**Question.** Unclos article 8 ...exact difinition of innocent passage??

**Question.** CSR..and its applicability criteria?

**Question.** As a c/e you need to maintain accommodation A/C temperature in comfort zone, what is comfort zone

**Int-Sirish  
Ext-Mehtotra**

**Question.** Difference in tanks of crude oil tanker and chemical tanker as per solas

**Question.** MRM

**Question.** Management Review

**Question.** III code

**Question.** difference is carrier liability as per Hague visby and Hamburg rules

**Question.** How to decide if smoke is black or not

**Question.** New Jason clause

**Nirmal Kumar  
Date - 24/06/2025**

**Int- Shirish Kumar Ext Mehrotra sir**

**Attempt-1st, Result fail**

**Question.** Difference between product tanker and chemical tanker.

**Question.** What is PSSA, definition

**Question.** IMO short term, long term and mid term measures

**Question.** Provisional certificate of registry, why needed.

**Question.** ISM management review.

**Question.** What do you mean by term called Similar stage of Construction

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**Pradeep Eadha**

**Date 24.06.2025**

**Internal : shirish**

**External : mehrotra**

General introduction :

**Question.** Wreck definition as per convention

**Question.** Principle of salvage (law).

**Question.** GA and PA, artificial GA

**Question.** Official log book entries.

**Question.** Alternate fuels, Biofuel precautions as ce

**Question.** Solas ch11 details with both documents and certificates.

**Question.** Sinking and class

**Question.** Running down clause

**Question.** What changes done in Continuous synopsis record

**Deepak shah**

**Date 16/6/25**

**Int Shirish kumar Ext Mundit Malhotra**

**Introduction, type of ship,**

**Question.** Diff between product tanker and crude oil tanker as per solas

**Question.** Diff class and double class difference

**Question.** When right of innocent passage can be withdrawn

**Question.** Nairobi convention and def of wreck

**Question.** Kn curves application **Question.** Difference between kN and GZ curves of cross stability

**Question.** III convention, who does audit, what is included and what is not included, why MLC is not included

**Question.** Company mgmt review, what it is and how often

**Gautam Kumar**  
**Ext- upender sir**

27.06.2025

**Brief description about yourself.**

**Question.** Constructional difference between oil and chemicals tanker.

**Question.** New requirements for stripping in chemical tanker.

**Question.** Chapter 8 of solas.

**Question.** Blu code.

**Question.** In which cases class can be suspended.

**Question.** Difference between real and apparent slip.

**K R**

**Internal - shirish sir**

**External - upendra kumar**

**Question.** p and a manual, who authorized it.

**Question.** solas chl – 9

**Question.** eu ets.

**Question.** mlc amendment

**Question.** single window

**Question.** engine load diagram.

**Question.** kn curves and gz curve

.

**2/E Raunak**  
**Attempt 2**  
**Shrish Kumar and Upendra Kumar**

How many ships after class 2? Written status? Presea from where?  
I have sailed only on bulk carriers.

- Question.** Explain rightship and why done.
- Question.** Emgy gen is inoperative. Is it an unsafe ship or unseaworthy ship?
- Question.** What are the primary means of nox reduction?
- Question.** What are the secondary means of nox reduction?
- Question.** Explain fit for 55 package.
- Question.** What is latest in msc and mepc?
- Question.** Did your ship have iws notation? What are the requirements?
- Question.** How to implement ism on a new ship?
- Question.** What are the requirements for Tmon notation? How does the owner benefit from it?
- Question.** Have you heard of ESI? Environmental ship index. Explain.

**Kumar Shashank Shekhar**  
**Forward from other group**

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**Internal: Praveen Nair Sir**  
**External: Upendra Sir**

Result: Repeat

**Question.** Contents of EEDI file

**Question.** EU fuel regulations

**Question.** Latest ISO and in details what it says

**Question.** N2 gen in details

**Question.** P & A manual. Cat X cargo stripping requirements, how much can remain in the tank exact value

**Question.** If you are joining as C/E on methanol powered vessel what specific requirements will you follow

**Question.** How to derive Power of your ship

**Internal: Sirish kumar**  
**External: Upendra sir**

**Pre sea from where?**

When cleared class 2?

Which company, what type of vessel.

1. Why only bulk carriers why not sailing on gas tanker and oil tanker

**Question.** Joining LNG Ship as c/e, what are the requirements

**Question.** Oil tanker joining what are courses u have to do as per STCW

**Question.** Additional safety on High voltage system

**Question.** Stcw 2010 Manila amendment

**Question.** Subdivision factor

**Question.** Permissible length / Floodable length

**Question.** What is fuel cell.

**Question.** Accident today in kerela in kochi.

**Question.** What is PF curve

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- Question. What is carbon capture
- Question. Chemical ships which annex
- Question. OPRC AND for chemical tankers what type of documents related to same
- Question. ship wrongfully detained . Actions as ce
- Question. charters wants 14knts but ship making only 11knots what will you do as ce
- Question. 3/4th collision clause
- Question. hull air lubrication
- Question. onboard nox verification done how?

**Internal - Nair**  
**External - wad**

- Question. Dock safety rules 1990
- Question. MLC latest regulation,
- Question. Crude oil tanker pump room oil purification.
- Question. Psc Target on what basis on ship, explain
- Question. Himalayan clause explain

**Attempt 2.**  
**External Mr . Wad**

- Question. Clean ship and clean design'
- Question. MEPC 81, 82
- Question. chain register
- Question. when can ship-owner get away in Nairobi convention
- Question. calibration certificate
- Question. Indian shipping body
- Question. incoterms
- Question. safe manning documents, where it is in ISM

**Question.** What was MARVS setting? How marvs works.

Question. Inertia test during sea trial

Question. Incompatible fuel 0.53 as per lab test- actions

What is confidence test?

0.53 as per BDN now what?

**Question.** How to check ISM implemented on first impression.

Question. Scope of Safcon and seq. What all checked in annual, intermediate, periodical.

Question. What is super cargo

Question. Guidelines for Condition Assessment Scheme

Question. diff bw CIF FOB

Question. bwts failed 24hrs b4 port actions as CE

Question. COP 27

Question. MEPC 79

Question. Fuel oil non-compliant actions as CE

Question. Displacement constant, length decreased, breadth increased. Effect on GZ

Question. In bareboat charterer all responsibility with bareboat except for 1. Name it.

Question. What does IACS say regarding another class carrying out class survey.

Question. Difference between derating and operating ship is most economical way.

**Jonathan Dacosta**

**Nair and Wad sir 19/06/2025**

1. Last ship details

2. As I sailed with Maersk asked about Maersk Honam incident and Maersk Essen Container incident.

**Question.** Parametric rolling developments in ship design.

- Question. OPRC  
Question. HNS convention  
Question. Msc1/1621  
Question. Ship class notation.

**Rohit**  
**17/06/2025**  
**Internal- Mr.Shishir Kumar**  
**External- Mr.Deswal**

- Question. What is enhanced seemp? Calculation of cii. Seemp monitoring onboard.  
Question. Lng fuel bunkering procedure and precautions  
Question. Catfines of 2 fuels received onboard 45 and 69. Your actions as CE?  
Question. A panama flagged vessel has incident in indian waters. Roles of parties involved. What is substantially interested party?  
Question. Cap vs Cas

Attempt 2.

External Mr . Srivastava

Internal Mr. Kamath(God)

- Question.** Scopic clause and why we invoke.  
**Question.** ISO Standards of fuel. Latest. How many categories.  
**Question.** Difference between Territorial sea, contiguous zone and EEZ. How we define what zone it is.  
**Question.** How convention is adopted , ratified, comes into force.  
**Question.** What is Bio fuel and e fuel.  
**Question.** Difference between class survey and statutory survey with example.  
**Question.** how many types of audits under smc.

**Question.** Not able to comply MLC in engine room. Step by step as Chief engineer what you will do.

**April 2025.**

## Mehrotra

Saurabh Kumar Singh

06.05.2025

Internal – Mudit Mehrotra

External – Vikrant Rai

**Question.** Diff between GA and PA

**Question : Difference Between General Average and Particular Average**

**Question.** COC and memoranda

**Question.** Under what condition class will be withdrawn

**Question.** Advantage of thin shell bearing of main engine main bearing

**Question.** Advantage of biofuel.

**Question.** PR17

**Question.** RDC and marine insurance

**Question.** PSC more detailed inspection and criteria for clear ground

**Question.** RO find some deficiency during survey, what he will do?

Prashant Kumar

External – Mudit Mehrotra

Internal – Vikrant Rai

Result – Pass

**Question.** What are IMO short term & long term goals?

**Question.** What is innocent passage? When a state can deny right to innocent passage?

**Question.** Inchmaree clause.

**Question.** When a class can be withdrawn.

**Question.** What is Nairobi convention? What is wreck?

**Question.** Djibouti code.

**Question.** Storage & handling of biofuels.

**Question.** 0.48% S fuel supplied, lab analysis shows 0.54%. Course of action.

**Question.** Conditions for designating an area as PSSA.

**Question.** IHM related duties for CE? Joined as CE, actions to maintain ICIHM valid.

Internal – Shishir

External – Malhotra

Introduction, Written Result

**Question.** GISIS full form and its function

**Question.** Full detail of EGCS monitoring parameters and values, single sensor failure action, entries in EGCS log.

**Question.** Blue book and content

**Question.** Scavenge drain sample sent for lab analysis – your analysis on report as CE

**Question.** Suspension of innocent passage as CE

**Question : Difference in Seaworthiness and Unsafe Ship as per MS Act**

**Question.** London Convention

**Question.** CII, EEXI, and EEDI/ **Question.** CF in CII

**Question.** Official log book entries

**Question.** SUA Convention

**Question.** General Average

Internal: Shishir

External: Malhotra

Intro: Types of ships and engines worked on.

Writtens result and oral attempt:

**Question.** Unseaworthy and unsafe ship difference as per MS Act

**Question.** CLC and Bunker Convention difference

**Question.** Cesser clause in charter party

**Question.** Basel Convention

**Question.** IBC Code

**Question.** When suspensions of class take place

**Question.** Carbon factor in EEDI

**Question.** Right of innocent passage denied under what circumstance

**Question.** Second-hand ship – what all documents required for registration

**Question.** S/T L to sample comes back and tin, silicon and sodium content high – all sources name and actions to be taken

**Question.** Chapter 11 SOLAS

Forwarded from: Harendra Gupta

Date: 25/04/2025

Internal: Shirish Kumar

External: Mehrotra Sir

Oral – First Attempt

Written Result – Pass

Started with name and stories... told to stick to facts.

Shift into LPG background etc.

**Question.** SCOPIC in details

**Question.** New Jason Clause

**Question.** BLU code

**Question.** ITC clause

**Question.** PSC – what checks on clear ground, can PSC give ISM deficiency?

**Question Withdrawal of Class**

**Question.** CTL and ATL

Kaushik C

Date: 25/04/2025

Internal: Shirish Kumar Sir

External: Mehrotra Sir

"I was asked Q by Mehrotra sir only. It was like a rapid fire round. He told me to be to the point."

**Question.** LL Convention

X: If Class finds some issues with LL, can Class detain?

**Question.** Criteria for class to become RO

**Question.** IMO short term, mid-term, long-term measures

**Question.** IMSBC code type of cargoes

## Deswal

External – Anil Deswal

Internal – Shirish Kumar

Date – 29/04/2025

Result – Pass

**Question.** IEC and NEMA difference

**Question.** ISO standard

**Question:** Master Gauge

**Question.** FAL convention

**Question :** FAL 49

**Question.** BWTS D1 D2 D3 D4 standard

**Question.** MEPC 80 and 81 difference

**Question.** Blue fuel

**Question.** Grey list, black list, white

**Question.** Hydrogen fuel cell

**Question.** Alternate fuel

## Upendra Sir

Date: 29-04-2025

External: Upendra Sir

Internal: Sirish Sir

Attempt: 6

**Question.** What is in Paris MOU

**Question.** Explain Abraham Maslow's Theory

**Question.** What are Market-Based Measures

**Question.** How will you implement Cyber Security on your ship

**Question.** What is Umbrella Convention

**Question.** What is E-fuel. Working principle and examples

**Question.** What is Enhanced SEEMP.

**Question.** What is CII Grading.

Forwarded from: K. Yadav

Attempt: No. 2

Internal: Nair Sir

External: Upendra Sir

Checked CDC and Admit Card

Checked full room and Laptop screen sharing

Written result? Preparatory course institute? Experience after Class 2

Type of ships done with engine details.

I have done LNG carrier, so most of the questions were from LNG only.

**Question.** What is problem facing with MEGA engines

**Question.** Why methane slip is high on MEGA engine and how engine maker reduced it?

**Question.** Have you done XDF engine? What is Variable Compression Ratio? How it is working? What is arrangement on engine?

**Question.** What is Subcooler? How is it working? What are temp in/out?

**Question : How are they working – communication between ship-shore on LNG vessel?**

**Question.** Type of Cargo Tank. Their construction? Explain in details how cargo containment is structured?

**Question.** Cargo capacity of ship in m<sup>3</sup>

**Question.** What is Rollover? How to reduce Rollover if ship is loading two different cargo densities?

**Question.** What are loading restrictions on the LNG tankers?

**Question.** What procedure will you follow on Cargo manifold if ship is doing cargo operation?

**Question.** What is omnibus cover?

**Question.** If two generators are in parallel and one Gen lost excitation then what will happen?

**Question.** What is harmonised survey?

Ajinkya Parkar

Date: 28/04/2025

Internal: Arbind Choudhary

External: Upendra

**Question.** Right ship inspection

**Question.** Dewatering

**Question.** Explain Tonnage tax calculation for Indian ship

**Question.** BMP4 vs BMP5.

**Question.** High voltage safeties

**Question.** How ships get IMO number? Who all maintain records of IMO number other than S&P Global?

**Question.** In time charter, engine damaged by fuel given by charterer. Who will pay for the damage? Explain process.

Abhineet Vashistha

Internal: Shirish Kumar

External: Upendra Sir

Attempt: 1

Asked about me briefly:

**Question : MEPC 83 GFI**

**Question.** What is Green Corridor missions, fuel consumption, and energy efficiency metrics.

**Question.** New ECA zone as per MEPC 83

**Question.** GFI

**Question.** RO code oversight

**Question.** New fuels and related IGC and IGF code

**Question.** Tell what all new engines using natural gas as fuels from MAN and one other manufacturer

Forwarded from: Nitesh Gautam

Date: 01-05-25

Internal: Shirish Kumar Sir

External: Upendra Sir

First Attempt

Self Introduction:

Type of ship sailed

Company

Pre-sea college

Preparatory institute name

**Question.** Difference between voyage charter and time charter. Who supply what.

**Question.** Demurrage, Laytime and cancelling days

**Question.** Polarizing index

**Question.** LRIT

**Question.** Multiple loadline / How many loadlines can be issued

**Question.** New and second-hand ship registration process / Documents required

**Question.** Condition of assignment.

**Question.** Functional requirement of ISM

**Question.** Latest MLC amendment

## Brij Shrivastava

**Question.** Multiple load line

**Question.** scopic clause

**Question.** ISO 8217 2024 / Why fame content allowed 100% in biofuels

**Question.** Difference between in-water survey and underwater inspection

**Question.** What are E fuels and biofuels

**Question.** Proximate cause

Internal

**Question.** Challenges of LNG as fuel

Attempt 1

Chaki and Brij Shrivastava

**Question.** Difference between exhaust gas boiler and exhaust gas economiser.

**Question.** What is marine casualty and shipping casualty?

**Question.** Why is a salvor sometimes reluctant to invoke scopic?

**Question.** Types of coatings as per ESP.

**Question.** Conflict between safety and security. What will you choose?

**Question.** What is on scene survey wrt ship security assessment?

**Question.** Difference between detailed inspection and expanded inspection.

**Question.** What is MNC as per ism?

30.04.2024

Internal:- Chaki sir

External:- brij srivastav sir

**Question.** MEPC83,

**Question.** Challenging water, D2 standard, 2 method of test onboard explain,

**Question.** Difference between COC and memoranda,

**Question.** Difference b/w 8217:2017 & 2024, About Fame and why 7-100% increased?

Kumar Abhishek

28.04.2025

Internal: Kamath sir

External: Brij Srivastav sir

**Question.** Interim SMC, internal audit, ISM implementation

**Question.** All IMO subcommittee name,

**Question.** Demurrage, dispatch, time charter party clauses, delivery and redelivery

**Question.** CE duties

**Question.** What is substantial corrosion

**Question.** IMO Category B and Category C

**Question.** BWTS land based and shipboard test. Question. D2 standard... another name for land based n shipboard test...Question.  
Ballast Water Management Plan

28.04.2025

Int: Kamat

Ext: Brij

**Question.** What are the contents of Tech coating file?

**Question.** What is substantial corrosion? If you find substantial corrosion, what will you do & how will you go about the survey?

**Question.** Difference between statutory survey & class survey

**Question.** Explain SHAPOLI in brief

**Question.** Voyage charter, time charterer difference. As a CE which is more challenging & why?

**Question.** MEPC 83 – explain GFI in details

Sugam Parashar

28.04.2025

Attempt – 4

Internal: Kamath

External: Brij

Experience as a 2nd Engineer

Types of vessel did

**Question.** Type of chemical tankers (Construction details).

**Question.** IMO structure, What are Category B countries?

**Question.** Parametric Rolling

**Question.** PSC

Initial inspection

Detail inspection

Expanded inspection

**Question.** IAPP and EIAPP certificate

Suprateek Chatterji

Attempt: 2

Internal: Chaki Sir Shrivastava

Company and educational background

**Question.** Clear grounds

**Question.** ISSC and survey procedures

**Question.** Memorandum and condition of class

Abhinav Patil

Date: 28/04/2025

Internal: Kamat Sir

External: Srivastava Sir

Attempt: 3

Result: Pass

Types of ship sailed? Which type of engine?

**Question.** Explain ME engine.

**Question.** Latest fuel standards. What new additions? Fame content as per previous standard? Why so much increase?

**Question.** Rest hours of E/R crew not in compliance – action as C/E?

**Question.** What new has come in BDN?

Internal – Kamat Sir

**Question.** Types of class survey

**Question.** Significance of IACS

**March 2025**

Ext Mehrotra sir Internal:shirish sir 1st attempt Result:repeat

**Question.** GHG strategy and measures detail.

**Question.** duties of flag/coastal state.

**Question.** inchmerry clause.

**Question.** innocent passage

**Question.** PR 17

**Question.** ism deficiencies

**Question.** suspension of class

Wasim Bhopalwala External: Mehrotra sir

Internal: Sirish sir.

**Question.** Diff bet Tanker and product as per Solas.

**Question.** Territorial sea in case of adjacent states.

- Question.** LLMC convention and cross question.
- Question.** FAL Convention. latest updates.
- Question.** Stability.
- Question.** Cross curves of stability.
- Question.** Importance of Angle of contra flexure.
- Question.** Registration document required and procedure.
- Question.** Class suspension condition automatically and class withdrawal
- Question.** Why cross curves used and where.
- Question.** PR 17
- Question.** Flag state duties as per UNCLOS.
- Question.** EGCS requirement and action in case of limit exceed.

Kamlakar Patwari 1st attempt Mehrotra sir  
Shirish Sir

- Question.** London convention
- Question.** Nairobi convention def of ship as per convention.
- Question.** Diff between construction oil tanker and chemical tanker
- Question.** If the ship is going for scrap and if damage what liability is covered..
- Question.** Official log book 1st page details he said many more details are there..
- Question.** What all results of scrap down analysis report will you check and are important.

Internal- Shirish sir

External-Mehotra sir Result- Repeat

- Question.** Biofuels complications changes to be made in engine
- Question.** why Scopic clause came into existence
- Question.** Sodium silica and potasium high in lube oil analysis for stern tube what's your conclusion
- Question.** Noise code exposure limits

**Question.** Grt and nrt calculation and what volumes are included and excluded (not gt nt formulas)X

**Question.** Black smoke how will you conclude if it's considered normal or not

-Said about ringlemann number, torque rich condition said ok but wanted more

**Question.** Csr when to make entries

**Question.** Blu code.

Couldn't answer properly as failed to recall some points

**Question.** official log book entries

Then he asked first page entries -said ship particular - smiled and said and what else

**Question.** GA PA difference

**Question.** Length of anchor chain how to determine.. equipment number is based on what factors..

**Question.** Djibouti code of conduct

Internal: Sirish Sir

**Question.** Innocent passage in unclos?

**Question.** Coastal state duties as per unclos?

**Question.** Sentimental clause in marine insurance?

**Question.** SUA convention?

**Question.** LLMC and which countries is it applicable?

**Question.** Liability of carrier in Hague, HV and Rotterdam?

**Question.** Black smoke coming out from funnel action?

**Question.** 1G welding what is G?

**Question.** Sistership clause?

**Question.** Vessel going for breakage and damaged in between under which insurance ship will be covered?

**Question.** Condition for suspension of class?

**Question.** Registration of ship procedure and who gives instrument of sale?

**Question.** MMSI

Hitesh

External: Mehrotra sir Internal: Shirish sir

**Question.** Unseaworthy and unsafe ship

**Question.** Kn curve significance

**Question.** Comfort zone in A/C

**Question.** Psc clear ground

**Question.** Wreck convention

**Question.** Release call as per insurance

**Question.** How to decide weight of anchor 1000

**Question.** Ch -8 solas

**Question.** Biofuel usage problems

**Question.** Total loss and partial loss

March 21

Forwarded from Saumitra

Date: 20th March 2025

Internal: Shirish Kumar Sir External: Merhotra Sir

Attempt: 2nd

Result: Repeat

**Question.** IMO GHG strategy

**Question.** What is the Nairobi Convention about? What is a wreck?

**Question.** what is a Safe Passage? How and Why can the safe passage be obstructed?

**Question.** Definition of Territorial sea as per unelos?

**Question.** What is the definition of a Short voyage?

**Question.** What is PSC code 40?

**Question.** What is III Code? which all conventions does it cover?

**Question.** When does a CSR form need to be updated? Who updates the CSR form in case of a Flag change?

**Question.** Noise Code Measurements

**Question.** What is COC and Memoranda?

**Question.** When can a Ships class be withdrawn?

Praveen nandihalli

20 Mar 2025

Internal: Shirish

External: mehrotra

Attempt: 4

Result: pass

**Question.** What information you will get from load diagram. What is torque rich condition.

**Question.** Blue economy.

**Question.** Offences under SUA

**Question.** What is montreal protocol

**Question.** Your vessel is coming out if DD after major repair, which is the most important thing you will check?

He want to listen propeller immersion.

**Question.** Effect of insufficient propeller immersion?

Want to listen stern tube damage

**Question.** You are carrying coal cargo, fire in cargo hold: action as CE.

**Question.** Class withdrawal conditions

**Question.** PSC has found many ism deficiencies, what will be scope of his audit.

I answered that PSC cant conduct ISM audit. He asked can PSC give ISM related deficiency & if yes then how?

Official log book entries.

**Question.** How to know the capacity of mooring winch? Where to find? How to know the length of anchor chain?

Internal

**Question.** Official log book entries.

**Question.** Solas chapter XI-1

Anderson Rebello

21 March 2025

Internal: Sirish kumar

External: Deswal

Attempt: 4

Intro

**Question.** IAPP renewal

**Question.** CAS CAP

**Question.** S and P Global

**Question.** CIC code

**Question.** Unclos Article 4

**Question.** Black list, Grey list

**Question.** Definition of IP

**Question.** Official log book

**Question.** Green seas

Anand Thakur Date: 21.03.2025 Attempt: 2nd

Int: Pravin Nair

Ext: Wad sir

**Question.** What is MASS code? What are the difficulties faced by MASS ship?

**Question.** What is Broaching?

**Question.** Stale bill of lading

**Question.** What is staggering test of bulkhead w.r.t to bulk carrier?

**Question.** what are supplement to SEQ survey?

**Question.** Fuel EU maritime regulation

**Question.** Hot lay up and cold lay up manning requirement and who decides it?

**Question.** Disbursement warranty

Nair sir:

**Question.** What are the changes in insurance for vessel using alternate fuel

**Question.** Which article of UNCLOS deal with flag state responsibility

**Question.** What is Article 220, 221 of UNCLOS

Result : Repeat

Prathamesh Shanware

Nair sir

Ext-Wad sir

21.03.24

Attempt-4

Product tanker

Result:Pass

**Question.** Crude oil washing manual. Explain how will you do COW?... interested more in inerting, reinerting.. flammability limit

**Question.** You are a PSC inspector, Ship specific checks on a tanker.

**Question.** How does high, high tank level alarm work. electrical principles. How will you check without lifting float and simulation from ccr.

**Question.** ODME what all checks as PSC

**Question.** ESG... explain

**Question.** Reinsurance explain. Types of reinsurance. When you are going for treaty type RI, when do you use facultative RI.

**Question.** Working principle vibration meter

**Question.** TMSA vs VETTING. What is 13TH element in TMSA

**Question.** HVPQ..Sire 2.0 .Explain the philosophy. What mee. How conducted. What is training requirement for SIRE2.0. How human element addressed in SIRE 2.0.

**Question.** fit for 55

**Question.** ESP 3rd SS survey checks

**Question.** STOPIA TOPIA . Compulsory or not. Why introduced. Why S/O would want to opt for it.

**Question.** Ms act and causality investigation. Explain procedure for causality investigation. till the point report is published.

**Feb 2025.**

February 24

Jitendra singh Shekhawat

Date: 24th feb 2025 Mehrotra sir.

1st attempt Result: Reappear

Intro: ask about written results: I said awaiting. Type of vessel: Ipg (not a single question fm Ipg.)

**Question.** GISIS.

**Question.** Djibouti code & Jeddah amendment

**Question.** unseaworthy & unsafe ship

**Question.** Situational question:

(a).4th engineer Injured & signoff without reliever/SMD.

(b). Chief officer Inform Bwts not working, discharge criteria.

**Question.** Official log book entry.

**Question.** Blu code.

**Question.** FTP

**Question.** Inchmaree clause

**Question.** III code & Instruments name

**Question.** EGCS disc criteria.

**Question.** Maritime lien

**Question.** PA and GA ...cross question what is extraordinary meaning.

**Question.** institute time clauses

**Question.** PR and which PR is used for transfer of class

**Question.** If class found load line related deficiency ...can class detain the ship....what is the procedure.

**Question.** Where you find resistance of the ship

Date: 24 Feb 2025 Int shlrsh kumar sir Ext: Mehrotrasir

Introduce yourself, written result when passed your written. What is your attempt no.

Instructions given by Mehrotra sir:

my questions are mostly straight forward, so don't give me round round answer or make story. If you don't know tell I don't know and I will switch to next questions.

I said ok sir.

All questions asked by external only.

**Question.** Difference between DG shipping and mmd.

**Question.** IMO GHG strategy. Short term, mid term and long term measures.

**Question.** What is CII, how to improve CII. What changes need to make in engine for biofuel and why.

**Question.** Flag state duty as per UNCLOS

**Question.** New Jason clause

**Question.** Renewal survey delayed action as per.

**Question.** IOPC fund

**Question.** COC, memoranda

**Question.** class found defect during survey. Can he detain the ship. If not what he will do

**Question.** Can PSC do ISM audit of vessel.

Date: 24 Feb 2025

Int: Gopi Krishnan Sir

Ext: Rajeev Wad Sir

All Questions by External Only

Introduction

Type of ship, sailing experience, propulsion type, status of written and oral exams

**Question.** What Is stp ?

X-Needofstp X- Annexes under stp X- Requirements under stp

X- All Certificates required to be carried by a STP ship

**Question.** What Is SEQ ?

X- contents and supplement to SEQ

**Question.** Explain working of CPP ?

X- How exactly the pitch Is adjusted ?

**Question.** What Is cabotage Law ?

**Question.** IP code?

**Question.** What Is TRO In bwts ? Values

24-feb-2025 Inc Gopi Krishnan sir Ext Rajeev Wad Sir Attempt 1

**Question.** Chain register

**Question.** Itopf

**Question.** clc Investigation as per ms act

**Question.** URN

**Question.** Deck plate Inspection in cargo tank

**Question.** Omnibus cover

**Question.** Disbursement warranty

**Question.** Bow load axle on tankers

**Question.** Shaft alignment methods

**Question.** what Is the calculation for lift

**Question.** Latest Introduced coatings

**Question.** Classification of paints

**Question.** MAS (Marine assistant services)

24/02/2024

Attempt no 1

Internal: gopi sir

External: wad sir

Started with brief Introduction

**Question.** Loadicator

**Question.** calibration Items on board

**Question.** loadline survey only related to cargo hold

**Question.** cargo gear survey

**Question.** grain code

**Question.** propeller pitch/ diameter ratio

**Question.** dynamic balancing of equipment in drydock

**Question.** No more favourable treatment

**Question.** FuelEU Maritime - Fit for 55

**Question.** Damage stability as per bulk carrier

Internal gopi sir

**Question.** Alternate fuel

19.02.2024 Internal: Shirlsh Sir External: Upendra Sir

Intro and Background - Suex max and VLCC

**Question.** What Is aframax Tonnage ? Full form of aframax

**Question.** Multiple Load line purpose ? How many multiple load lines can a vessel have ? If a owner wants to get multiple load line what are the steps?

**Question.** What Is SUA convention, Explain In detail

**Question.** What is SERS ? Who provides this services?

**Question.** What Is EU fuel maritime regulation ? For which port Is It applicable?

**Question.** Detention review procedure ? If your vessel Is detained In the port due to wrong reasons, how will you appeal against wrong detention of your vessel?

**Question.** What Is sea margin and Engine Margin?

**Question.** What Is Dispensation. When is it given by flag state?

**Question.** Contents of EEDI technical file ?

**Question.** What Is coating technical file? Contents?

**Question.** With respect to AFS convention what Is the new regulation?

**Question.** What Is tonnage tax for Indian ship owner? what are the advantages of tonnage tax? requirement to qualify for tonnage tax? officers within the Indian shipping industry, addressing the issue of officer shortages.

19.2.2025

Int-Shlrish

Ext-Upendra

Attempt - 3

**Question.** Dewatering System

**Question.** Pf Curve

**Question.** MEPC 82

**Question.** Damage Stability / Subdivision Factor

**Question.** IEC and NEMA

**Question.** CARB

**Question.** CBDR

19.02.2024

Int Shlrish

Ext Upendra

**Question.** difference between ibc and bch

**Question.** diff bw BMP 4 vs BMP 5

**Question.** MLC latest amendment

**Question.** involvement of humans In AI

**Question.** Rule paramount

**Question.** As chief how will you improve things onboard wrt shipowner

**Question.** Maritime single window.

**Question.** FAL committee

**Question.** latest technology for improvement of EEDI

**Question.** SAR convention adopted date

**Question.** Two generator are running In parallel and one generator lost excitation what will happen and ur action as chief engineer

17.02.2025

Internal: Gopi sir

External: Brij sir

External:

**Question.** Types of PSC inspection. **Question.** Difference in expanded inspection and detailed Inspection

**Question.** IWS survey criteria

**Question.** Difference between IWS and underwater survey.

**Question.** What is safety and security definitions. .explain with example

**Question.** Conflict between safety and security

**Question.** 8217:2024 details

**Question.** What you know about latest ME engines. Diff between MEB and MEC engine.

**Question.** What Is PID controller.

**Question.** What Is subrogation.

**Question.** What Is the difference between carbon credit certificate. carbon emlsion certificate

**Question.** What Is the difference between emission control area and special area.

**Question.** What Is FAME.

**Question.** What are the PSSA areas.

**Jan 2025.**

Forwarded from

Suman Akireddy Akireddy Suman

Internal Anirud chowdary External mahotra

Attempt.2 Result:Pass

1.introduce,written result and No.of attempt, experience as 2e?

**Question.** difference between blue and green ammonia any other types?

**Question.** SUA in detail?

**Question.** MLC-DMLC part 1&2 in detail

**Question.** issues with bio fuels onboard and x qns

**Question.** Requirements to class to become an RO

**Question.** withdrawal class why and how to explain?

21/01/2025

Mehrotra

**Question.** Registry of ship 2nd hand. documents reqd. Sale deed provided by whom?

**Question.** Unclos Duty of flag state

**Question.** Unclos provisions for Land locked states

**Question.** EGCS discharge criteria, what is Pah? Value of Turbidity?

**Question.** Special survey due, can you extend? Owner dont want to do the survey on the date due.

- Question.** Basel conv vs hkc.
- Question.** Alternate fuels Blue, green Ammonia
- Question.** III AND Imsas
- Question.** BLU code
- Question.** Entries in Official log book
- Question.** Class certificate how it can be withdrawn.

Vivek

21-Jan-2025

Attempt 8

Internal:- arvind choudhary External:- malhotra

Brief Introduction about ur self

- Question.** how u decide which ship use copt and which ship use framo pump any where written about that?
- Question.** What is fal convention?
- Question.** what is new Jason clause?
- Question..** What is III code? What is instruments?
- Question.** when ur in Engine room BWMS giving what action u take as C/E
- Question.** discharge criteria for EGCS?

Nasim Anwar 21 Jan 2025

Mehrotra sir

- Question.** Nox code. Why urea in SCR? Chemical equation
- Question.** EGCS , what all checks?
- Question.** 4G and 6G welding
- Question.** PR17
- Question.** cyber security implementation onboard? Resolution regarding Cyber security
- Question.** What is Blue Economy?
- Question.** Difference between unseaworthy and Unsafe ship.

Amandeep Singh Attempt 2

Internal Abinav Choudhary. E

xt- Robin Mehrotra

Date -21/01/2025

Ask by int tell about urself. -Which vsl- I told Container Ships . 1 ask by internal –

**Question.** What is sailing effect

By external

**Question.** What all things u wnte on Official log book.

**Question.** SUA Convention

**Question.** Short term Measures, Mod term Measures IMO GHG Strategy.

**Question.** Different types of Alternative fuel and define about Green Ammonia.

**Question.** C/O Told you that BWTS is inoperation action as CE.

**Question.** IF Aircraft hits ur vsl. Under which clause of H8 M u will claim.

**Question.** how u write ORB as new CE. and where u can see which tanks to be filled in ORB .

Raghvendra Singh 20/01/2025

Internal: Shirish

External: Mehrotra Attempt: 2nd

Internal:

1. Introduction

**Question.** Contents in seafarer employment agreement as per MLC.

**Question.** Seafarer social security benefits. Status of India

External:

**Question.** Bwts now working provision under IMO.

**Question.** Incoterms uses other then defining responsibility of buyer and seller.

**Question.** SUA conversation.

**Question.** IHM , chief engineer responsibility, list of materials

**Question.** New jason clause

**Question.** Spark erosion in main engine

Haston Fernandes

Date 20Jan 25

Int: Shirish

Ext: Mehrotra

Result: Pass

**Question.** Inchmare Clause and what does it cover?

**Question.** Sue and Labour clause

**Question.** Bridge calls and tells you white smoke from boiler, how will you analyze the smoke?

**Question.** Withdrawal of class criteria

**Question.** suspension of class criteria

**Question.** Blue manual

**Question.** General average criteria and what is covered

**Question.** CSR

**Question.** Tell me about GISIS

**Question.** III, IMSAS

**Question.** 2nd hand ships Registration process

**Question.** Damage to generator, Documents to be submitted by CE for insurance purposes

**Question.** Solas Chapter 8

**Question.** Solas Chapter XI -1 and XI-2

**Question.** Renewal survey is due in 5 days, Owner says doesn't want to do, as CE what you will do?

**Question.** London convention

Attempt 2

Internal:- arvind choudhary External:- malhotra

**Question.** What is short term, mid term and long term of GHG. What exactly mean of short term.

**Question.** As a chief engineer how you will prepare your vessel for IHM survey

**Question.** Blu code

**Question.** Bunker conversation vs clc

**Question.** bunker convention clause that I don't remember

**Question.** Engine power limiter and engine derating

Nitish Kumar Singh 22/01/2025

Internal- Arbind Chaudhary External- Brij Srivastava

Attempt-3

Introduction

**Question.** Methane slip, how and why.?

**Question.** Parametric rolling

**Question.** Scopic clause, disadvantage of salvour, cross questions on 25% uplift

**Question.** Under water examination & In water survey

**Question.** Tmon notation

**Question.** Multiple load line

**Question.** Fonar form

22.01.2020

Attempt-4

Internal- Arbind chawdhary

External- Brij Shrivastav

External:-

**Question.** Proximate cause Subrogation and type.

**Question.** CSR and types.

**Question.** IGC & IGF

**Question.** Crew reported FW is non-drinkable. Action as CE?

**Question.** Interim and Initial SMC audit, Difference, what you will check as CE?

**Question.** SSA and SSP difference, what to check, how to implement, on site survey why-what-when.

**Question.** Ballast water plan. What is Ballast water challenging water, what actions, what latest.

**Question.** EEDI calculation, EEOI.

**Question.** ME engine introduction. Dual fuel engines(As i have done and told him in starting), just basic structure, components.

Internal:-

**Question.** Latest in PSC.

AS A. Sagar

Internal: Arvind Chaudhry sir

External: brij Srivastava sir

Brief introduction from second engineer time

**Question.** Hague visby rule

**Question.** How will you resolve conflict between safety and security in engine room as chief engineer

**Question.** 8217:2024 changes

**Question.** Contiguous zone and eez

**Question.** Shipping casualty as per ms act

**Question.** How will you ensure safety in dry dock as ce? (Answer as per fire wallet)

**Question.** Ship in very bad shape and it is sailing in 2 hours will you take over as ce or not and why?

Internal- Arbind chawdhary

External- Brij Shrivastav

External:-

**Question.** Code17/Code 18

**Question.** Difference between more detail inspection or extended inspection.

**Question.** iws survey or under water survey

**Question.** esp code

**Question.** 8217:2024 latest change as per winter and summer

**Question.** difference between bio fuel and e-fuel

**Question.** Mlc cofs(certificate of financial security) and is it applicable world wide or specific requirements.

**Question.** Rest hour not compliance due to drill what will u do?

2024  
Dec

Prashant Mhamunkar 20/12/2024 Attempt 1

Internal -shrish kumar External- upendra kumar

Brief introduction Type of ship

Mine containers and bulk carrier

**Question.** Parametric rolling. Why in containers?

**Question.** California port requirements

**Question.** Tonnage tax. Requirements and benefits

**Question.** cyber security measures onboard

**Question.** Methods of carbon capture

**Question.** Emission trading system

**Question.** P-f curve. How to read. Diff between potential failures and functional failures

**Question.** New vessel takeover. As per ism how will you proceed

**Question.** 2 generator running in parallel 1 loose excitation What will happen

**Question.** Engine margins What are engine and sea margins

**Question.** RCM

**Question.** Construction diff bet chemical and oil tanker

**Question.** Types of chemical tanker Cargo carrying capacity

**Question.** Polar code

**Question.** Igf code

**Question.** Polar index electrical

**Question.** Ip code

**Question.** Insolation transfer

**Question.** Omnibus insurance

**Question.** Sister ship clause

**Question.** Bunker correction table. Quantity dispute.

**Question.** Barge checks to be done before bunkering.

**Question.** What is DOC? What is SMC? How it is issued?

**Question.** How will you implement ISM onboard?

**Question.** What is Masters review? What is Masters over riding authority, Give an example.

**Question.** What is MLC, 2006, History, How many Titles? Which is Title Number for Rest Hours?

**Question.** Vessel on short Voyage, Rest violation of all crew, how as CE to manage this?

**Question.** Vessel suffered collision in way of engine room? CE actions (He wanted answer starting with ISM - Emergency preparedness - Collision checklist)

**Question.** Vessel will be going to Drydock in 3 months? What preparation will be going on now on ship ?

**Question.** What are flag state duties ?

**Question.** Oil tanker has caused bunker pollution, under what convention I compensation will be applicable?

**Question.** Definition of Oil as per CLC 92, definition of Shipowner how is it different from Bunker convention

**Question.** Who issues CLC certificate, who issues COFS?

**Question.** What is Fund convention what are its limits, who contributes to this IOPC fund ? What is supplementary Fund? when it came into force? What are its limits?

Gopal Krishnan Sir

**Question.** What is EEXI, What is EEDI, What is difference between these two.

**Question.** What are the phases involved, what is reduction factor?

**Question.** What is CII, What are various ratings?

**Internal.Sirish External.Anil deswal**

- Question.** solas chapter XI-1
- Question.** sua convention
- Question.** GHG short and midterm measures
- Question.** management review
- Question.** official log book
- Question.** seemp part 2 & 3
- Question.** ESI
- Question.** Hydrogen fuel cell
- Question.** Nairobi wreck convention

**Shrivastava sir**

- Suprateek Chatterji Attempt 2
- Chaki sir Shrivastava sir
- Company and educational background
- Question.** Clear grounds
- Question.** Stat and class survey
- Question.** Extended dry dock
- Question.** IWS
- Question.** ISSC AND SURVEY PROCEDURES MEMORANDUM AND CONDITION OF CLASS And DIFFERENCE

- 18.12.2024 Int-Chaki sir
- Ext-Brij Srivastava Attempt -2 Result - Pass
- Question.** Fire fighting arrangement for specific to container ship
- Question.** Types of Audit in ism, explain Interim in details
- Question.** In IMO structure what is Council and what is Cat A and Cat B in the council
- Question.** delta tuning in reflex
- Question.** Reflex Engine injection system in details

**Question.** IWS and

then he asked the difference between the

**Question.** Underwater Examination and lws

**Question.** Name various compensation conventions and explain CLC And Bunker in brief

**Question.** Principles of insurance, subrogation in detail.

Rahul Ahirwar

Brij sir Chakki sir 18-12-2024

**Question.** What are bulk carrier SOLAS requirements? To which convention it is additional?

**Question.** What are GHG targets of IMO? How to achieve that? What is GHG intensity?

**Question.** What is 8217? What are the new fuels added to it?

**Question.** What are different kinds of agreements between shipper and carrier? Explain Hague visby?

**Question.** What is SCOPIC? Why it was introduced? One advantage and disadvantage of SCOPIC?

**Question.** In your opinion how an auditor carries out ISM audit? What is MNC & NC? Give example of each? Actions required to rectify MNC?

**Question.** India's stance on SUA protocol?

**Question.** Explain annual survey? It's window period? What is anniversary date? Can an owner ask surveyor to carry out survey out of that window period & What if survey happened before the period and what if after the period?

Vignesh

18-12-2024

Internal: Chakki sir

External: Brij Srivastava sir

**Question.** Crew member comes and reports to you that drinking water quality is bad. Your actions?

**Question.** Ill code

**Question.** Scopic clause, what is the disadvantage for salvor in scopic.

**Question.** Main components of VDR

- Question.** Critical period during DD
- Question.** DMLC part 1 and Part 2
- Question.** Latest amendments under ISO 8217
- Question.** Auto tuning of ME engine.
- Question.** What are the technical files onboard.
- Question.** Difference between special area and PSSA
- Question.** Types of audit for SMC

Praveen Yadav 18.12.2024

External - brij Srivastava Internal- chakki

Attempt -2 Result-pass

- Question.** Esp code
- Question.** Multiple loadline
- Question.** Latest amendments to BDN
- Question.** Synthetic fuel, e fuel, biofuel.
- Question.** Hague, Hague visby difference
- Question.** Preparation for interim SMC audit, what extra in initial SMC audit.
- Question.** Latest amendments to marpol annex VI
- Question.** Multiple load line.
- Question.** Types of coating in ballast tank. What is the meaning of fair poor. What to be done if poor. Implication of poor coating .

Mumbai mmd

16/12/2024 Internal- Brij Srivastava External - Arbind choudhary

Intro Present company Pre sea college and attempt number,type of ship

- Question.** Safety with regard to fire on container ship
- Question.** Parametric rolling
- Question.** ESP overall summary
- Question.** Critical period in DD
- Question.** What is GHG intensity

**Question.** Tailshaft survey and Tmon notation

**Question.** Rest hours violation action as C/E

**Question.** Grey water temporary storage in Ballast tank.

**Question.** Ms act in short. Which section deals with casualty procedure.

**Question.** Salavege convention art 14. topic.

**Question.** What is special area eca area pssa area.

**Question.** Inputs to vdr, s-vdr.

**Question.** Latest in iso 8217

ans 8217: 2024.

**Question.** how many grade of fuel oil are there.

**Question.** during smc audit, mnc can be given.

**Question.** CWQ.

**Question.** Unit of eedi.

**Question.** Safety just before entering dd. Safety in dd. How will you ensure safety of dd people.

**Question.** Hvr. Diff between hv and hvr. Which comes earlier

**Question.** Ghg intensity, what it means. Ghg target.

Date-16-12-2024 Int-Arbind choudhary Ext-Brj Srivastava Result-Fail

**Question.** Multiple loadline

**Question.** PSC initial inspection and detailed inspection

**Question.** On ship any incident that created a conflict for safety and security

**Question.** As a chief engineer implementation difference between initial SMC and Interim SMC

**Question.** TMON requirements

**Question.** Complaint procedure and just say

**Question.** On scene survey, ship security plan and ISPS

**Question.** As per the salvor point of view what are the draw back of SCOPIC

**Question.** LLMC

**Question.** FONAR

Aditya Anand Date-19.12.2024 External- kar Internal- chakki'sir

**Question.** What is maritime salvage and its objectives

**Question.** What is periodical surveys

**Question.** What is technical cooperation and promotion of technology for the improvement of efficiency of vessel?

**Question.** What is vertical and inter-organisational conflicts?

**Question.** what all changes you do to all the components of engine if one of the exhaust valves gets faulty?

**Question.** What is hongkong convention and what is statement of compliance?

**Question.** What are mbms i told as per mepc 82 all mbm then he told i am missing one more important.

**Question.** What will you in case of single sensor failure in EGCS?

**Question.** What will be the effect of long lead in inventory management?

19/12/2024

internal" chaki

ext: kar

introduction, written result,attemp no 1

**Question.** sar conv framework

**Question.** time charter ce responsibilities

**Question.** what is downtime

**Question.** isps bimco guidelines

**Question.** gfs

**Question.** shot term measures

**Question.** why ship is classed

**Question.** Emergency preparedness methods

Internal Chaki sir

External Kar

**Question.** WHO regulation for drinking water

**Question.** Kyoto protocol. Kyoto GHG MBMS

**Question.** SUA convention

**Question.** What is there in ships official log book

**Question.** Differentiation between ICS and... don't remember

**Question.** ISM code define NC, Hazardous Occurrence and accident

**Question.** Working of alpha lubrication system.

**NOV 2024.**

Nikhil Raj Attempt 3 Date : 22 nov 2024

Int: Sirish sir

Ext: Mehrotra Result: Repeat

**Question.** Blu code

**Question.** URN

**Question.** CIF incoterms details

**Question.** ISO 8217:2024 details

**Question.** Minimum age for employment onboard with all clause

**Question.** Coastal state responsibility as per UNCLOS/Contiguous zone

**Question.** IMSAS details, went into depth

Arpan

Date: 22-11-2024 Internal: shirish External: mehrotra Attempt: 2nd

Introduction, types of vessels sailed, experience as 2E

**Question.** what is imo doing about CWQ ?

**Question.** what is gisis and how is imo dcs data collected

**Question.** psc inspection going on, and psc finds ism related deficiencies can he do ism audit ? Why cant

**Question.** class audit going on, can class detain a ship ? If no then which code is it written in ?

**Question.** what is imo doing about underwater noise ?

**Question.** what is IOT ? Use on board ? what is big data ?

Date 21/11/2024

Ext. MALHOTRA,

**Question.** Definition of product tanker and chemical tanker as per solas

**Question. iii** CODE IN DETAIL INCLUDING IMSAS

**Question.** NOISE CODE HOW TO TAKE MEASUREMENTS AND LIMITS

**Question.** GHG STRATEGY/FUELS IN GHG STRATEGY/CHALLENGES WITH THE ABOVE FUELS

**Question.** LONDON CONVENTION, PROTOCOL ALL IN DETAILS LIKE REVERSE LIST EXEMPTIONS

**Question.** VESSEL REGISTRY

**Question.** SOLAS CHAPTER 8

**Question.** CHALLENGING WATER QUALITY/

**Question.** MEPC 82

**Question.** PSC found major ism non compliance, how you will process or next action.

**Question.** What does III code purpose/How you ensure III code is implemented on board? Who does the IMSAS audit

**Question.** Scope of PSI and FSI

**Question.** Criteria of calling GA Who pays in GA.

**Question.** Class found ship unseaworthy can it detain ship or if yes then for how long time?

**Question.** PR17.

18.11.2024

INT. Aravind Chaudry

EXT: Mehrotra

Attempt 2 Result: pass

**Question.** SUA convention

**Question.** Basel convention

**Question.** Actual total loss and Constructive total loss

**Question.** BWTS Failure action as CE

Kamal 18/11/2024

External: Mudit Mehrotra

Introduction

**Question.** ghg measures, mid term and short term measures

**Question.** what types of bwts, not working what to do

**Question.** what criteria u measure while discharging ballast water.

**Question.** scopic clause

**Question.** how many BL are issued

**Question.** what is jason clause in charter party-

**Question.** what is sister ship clause

**Question.** unclos coastal state duties-

**Question.** Sodium and tin in LO analysis report-

**Question.** class surveyors wants to detain the ship, for how many days can he detain? –

**Question.** Renewal survey date is on 5th dec 24, owner wants to avoid, what to do?

**Question.** what certificates need to register old ship after buying-

**Question.** how it is made sure that same ship is not sold to multiple buyers at the same time.-

Internal: Shlrtrsh Sir External: Mehrotra Sir

**Question.** Any incident accident on-board your vessel

**Question.** Three basic principle of ISM

**Question.** interim Certificate ISM - new vessel delivery, how you prepare as CE/Certification/ Survey ISM and validity

**Question.** Stem tube seal leak

**Question.** Sea water pump heavy vibration- Immediate action

**Question.** Contents of fire plan

**Question.** which MEPC session going on

**Question.** What all things being considered in MEPC 82

**Question.** Instructions as CE to EO. prep for shore power supply

**Question.** Vetting vs PSC

**Question.** Life boat davit checks and tests

**Question.** How IMO and UNCLOS related What all in Undos wrt IMO

Oct

Mehrotra sir Shirish sir

28.102074. Mumba: MMD

**Question.** Two technology to reduce green house emission.

**Question.** Alternate fuels with merits and demerits.

**Question.** What is inchmaree clauses .?

**Question.** When Is class withdrawn?

**Question.** Two ship same company collision, how ship insurance will be dealt, under which clause

**Question.** MMSI number

**Question.** Differ between AIS and LRIT.

**Question.** Solas chapter 11.

**Question.** GHG short term, midterm and long term measures

**Question.** Noise code how measurement are taken.

**Question.** Cyber management latest amendment.

**Question.** Iii code.

**Question.** Special survey is due owner doesn't want to do it action as a ce.

**Question.** Unclos territorial sea.

**Question.** Sodium in Stern tube analysis

**Question.** Mepc 82 URN

**Question.** SCOPIC

**Question.** ordering Lifeboat wire rope

**Question.** PSSA eligibility and latest addition

**Question.** Basel convention and HKC

**Question.** Liability conventions

**Question.** What all fund conventions you know

**Question.** if CLC there then why BUNKER

**Question. Condition of class and memorandum**

**Question.** Audit scope of psc regarding  
ISM implementation onboard

**Question.** As per load line vessel is unseaworthy, vessel can be detained or not, if yes for how many days

**Question.** Latest amendment in cyber security

**Question.** How you implement Hkc onboard. As chief engineer.

Int: shirish sir, Ext: Mudit mehrotra

Shirish sir

**Question.** SUA convention full name, what you know about it?

What is considered crime under sua convention.

Mehrotra sir

2. Introduce yourself

3. What chemicals your vessel were carrying, which route your last ship?

**Question.** What is there in UNCLOS for land based pollution?

**Question.** London dumping convention? What are the contents of the reverse list?

**Question.** Your vessel is due for special survey, but the owner is getting good freight in charter, he is reluctant about it, your action as chief engineer?

**Question.** During annual loadline survey, surveyor find a defect in the hull which makes ship unseaworthy, can surveyor detain the ship, for how many days?

**Question.** Two ships belong to same owner one is suezmax other one chemical tanker both collided, claims will be settled under which clause? And how?

**Question.** What is loss ratio? how the insurance premium is fixed?

**Question.** What is new Jason clause?

Int: wait in the lobby

Int:

**Question.** in what cases RO should inform flag state? Which rules give authority to RO? Who can not be an RO?

Date- 22 /oct/2024

Internal Aravind

External - Mahotra and kamat

**Question.** CO2 bottle requirement if 10 % is less in each bottle will you sail out as CE

**Question.** As per PSC deficiencies PA and. CA and company action as per PA

**Question.** Quick closing valve what you check

**Question.** What documents needed as per ISM and what as CE you will check

**Question.** What action you will take if ISM not followed on board

**Question.** Suppose one generator failed no spare will you take the ship to sea and requirements as per Solas

**Question.** Emergency generator requirement as per Solas

**Question.** Black out on ship how will recover your ship

22-Oct-2024

MMD Mumbai

Internal- AK Chaudhary

External- Mehrotra and Kamat

2nd attempt

Experience as 2E

Types of vessel sailed

Oil/Chemical tanker

Mehrotra

**Question.** Procedure for Cold Layup

**Question.** Market based measures, what all, what all in recent mepc, from where u read,

**Question.** Ship in Mumbai, sea chest valve crack, engine room flooding, what action as CE

**Question.** Principles of ISM

**Question.** What is COW, why done

Kamat

**Question.** What is load line and what is subdivision load line.

**Question.** HART protocol

**Question.** NEMA (I briefly told about IEC also)

**Question.** Type A, Type B ships.

## Sept

Attempts 3 mehrotra sir and arbind sir Result-pass

Introduction types of ships sailed route of vessel written result asking when you start preparing your classl

**Question.** As i told i sailed on vLcc .they started with discussion in oil tankers type .crude oil washing, venting ,ig systems safety. pv valve and pv breaker, mast riser . precautions you will take in loading and discharging. ig valve what parameters are recorded during cargo operation. static charge everything related to tanker

**Question.** During drydock as per chief engineer as per environmental aspect what precautions you will take

**Question.** service space definition as per solas

**Question.** Cii details

**Question.** cic

**Question.** fsa details

**Question.** Mepc 81 guildines of untreated sewage

**Question.** seq survey supplement. As a chief engineer how to prepare seq survey

**Question.** hns convention

**Question.** Ro quarterly listed items cross question

**Question.** eca definition.what do you mean by and how distinguished global and eca

**Question.** Alternative fuels in details what are they why we require Thank to hate specifically rajiv sir and sushant sir .murthy sir

External - Mehrotra sir

Internal - Gopi sir

Result - pass

Introduction - types of vessel and experience in rank

**Question.** What is cold lay off of ship/What all things you have to do as CE. What all certificates withdrawn

**Question.** How do you dispose gray water if collected in ballast tank

**Question.** What is IGC code in short

**Question.** What is IMO GHG strategy in 2023

**Question.** How do you know your vessel is detained by PSC

**Question.** ISM all elements    How do you ensure that ISM element 10 compliance Onboard

Attempt 3 Ext. Mehrotra Intarbind chaudary.

Date 20.09.2024

Started with introduction exp as 2e and type of vessel sailed on. - Product tankers

**Question.** As chief engineer how will you comply with marpol in US Waters

**Question.** OPA ACT 90

**Question.** VOC effects' on product tankers

**Question.** significance of 0.5 sulphur and what limits in eca

**Question.** MEPC 81 circular on sewage transfer to ballast tank

**Question.** interim ship audit Ism , validity of SMC

**Question.** CO2 maintenance 10 yrs r bottle weight when it is checked, why clamps for securing on bottle

**Question.** DRY DOCK hot work precautions

**Question.** how will you deal with AFS paint renewal in dry dock

**Question.** latest IMO Convention in force this year,  
ans BWA, d2 standard and d4 standard d4 cross questioning

**Question.** how will you deal IMDG cargo on product tankers

Int- Arbind Choudhary

Ext - D Mehrotra

Result pass

Type of ships, experience as 2E

**Question.** TANK venting concepts

**Question.** VOC operational hazards

**Question.** Lifeboat testing

**Question.** Fast boat vs rescue boat

**Question.** Seq survey as CE

**Question.** Cargo Discharging as CE

**Question.** Fixed fire fighting records

- Question.** Why clamps in CO2 bottle
- Question.** Latest fuel regulations
- Question.** Casualty Investigation code
- Question.** CII ratings/ CE role
- Question.** Cyber security as CE
- Question.** Statutory cert
- Question.** POLLUTION LIABILITIES
- Question.** How a Convention is enforced by any country after ratification.
- Question.** Difference between Tacit acceptance and explicit acceptance.
- Question.** What is major NC. Your emergency fire pump is not working what all records you will show to the auditor.
- Question.** How will you order lifeboat hook. Certificates for hook. Lifeboat davit load test as per SOLAS.
- Question.** Difference between A class division and A-60 division.

**AUG**

**Mehrotra sir**

**Vaibhav Singh Attempt 4 Ext- mehrotra sir Int shirsh sir Result repeat**

- Question.** Dali incident
- Question.** LLMC 76.
- Question.** bulk Carrier carrying coal in cargo hold fire
- Question.** Hague, hague visby, Hamburg differences
- Question.** COC and memoranda difference
- Question.** emg generator not working
- Question.** Cif and fob
- Question.** SCR advantage and disadvantages

**22/08/2024**

**Internal .-Sirish sir**

**Extremal - Mehrotra sir**

**Written result, sailing experience after class 2**

- Question.** Solas Chapter 15 in brief?
- Question.** IMO GHG strategy- Short term and mid term measures?
- Question.** Noise measurement in engine room?
- Question.** Can class surveyor give ism deficiency?
- Question.** PR-17, whom to inform?
- Question.** What is subrogation- its types?
- Question.** Role of tech committee in IMO?
- Question.** Territorial sea and contiguous zone as per UNCLOS?
- Question.** Coastal state duties as per UNCLOS?
- Question.** Sterntube lub oil analysis showing sodium, ur action?

**Aug**

Internal shirish External Anil Deswal

Introduction

- Question.** What do you know about EDD you have joined ship and find out
- Question.** cii rating E. Your actions
- Question.** High proficiency propellers
- Question.** What do you know about IEC and NEMA
- Question.** What P & I covers.
- Question.** Paris agreement and India's NDCs
- Question.** E record book.
- Question.** What is cyber management
- Question.** What is MBM for mid term GHG
- Question.** Scopic
- Question.** HART protocol.
- Question.** Unclos 3.
- Question.** NAVE.

- Question.** Ammonia.
- Question.** CII calculation.
- Question.** IAPP certificate survey.
- Question.** LNG bunker storage problem.
- Question.** GTTP. Green tug transition programme.
- Question.** Green shipping policy.
- Question.** GHG VISION for India.
- Question.** Ip code.

23 Aug 2024 Int:Shirish Kumar sir Ext.Mr Deshwal sir

1.Introduction

Types of vessels done and experience

- Question.** Casualty investigation code
- Question.** capand cas difference
- Question.** s and p global
- Question.** imsas
- Question.** latest iso stds for bunkers
- Question.** Ships identification no in detail
- Question.** Djibouti code of conduct
- Question.** cat fine content high actions as a chief engineer

sinsh kumar anil deshwal

- Question.** Substantially interested party definition as per CIC
- Question.** Imsas
- Question.** swiss cheese model
- Question.** How P and I clubs collect funds
- Question.** LNG storage, Transportation and use as fuel (concentrated on type of pump)
- Question.** Entries in official log book of ship Result - prepare and re appear.

## JULY

Deswal Questions

18/7/24

Internal Shishir. Ext. Deswal.

Int: senthil

Ext: **Vishwanathan** kamath and deswal

**Question.** Umbrella convention

**Question.** Umbrella seal

**Question.** flag state duties

**Question.** ISO certification, where used

**Question.** Eiapp certificate content

**Question.** Hart protocol

**Question.** Nema

**Question.** propeller curve

**Question.** As a c/e how you will manage power always all the times onboard.

**Question.** Human Resource mgmt

**Question.** One day arrival port ows 15 ppm fail ur action as a ce.

**Question.** related to stcw all function what is written in column 1.

**Question.** Dj bouti code of conduct

**Question.** High cat fines in fuel during bunkering action as chief engineer

**Question.** Solas ch 11.1

**Question.** Fta analysis

**Question.** Ro, why does the flag state approves ro?

**Question.** What all load line you know? Sub divisional load line?

**Question.** Bwts Standard, D1 and D2 , criteria for bwts approval.

**Question.** Out of 3AE ,1 is not working, can class give coc.

**Question.** what is ihm , name some ihm material, how survey conducted in ihm?

- Question.** Yearly lifeboat maintenance?
- Question.** unseaworthy and unsafe?
- Question.** Dual fuel engine working
- Question.** Nox technical file contains
- Question.** Eiapp
- Question.** Skew propeller
- Question.** Ghg strategy.
- Question.** Class survey report contains
- Question.** MEPC 81.
- Question.** MLC Latest amendments.
- Question.** Social security as per mlc. Government of India steps for social security of Indian seafarers.
- Question.** LNG BUNKERING and Storage
- Question.** Difference between internal and external auditors. Chief engineer internal audit of ship. Can c/e do internal audit of engine room.
- Question.** Lube oil report shows main engine lube oil critical, what all papers you will prepare as chief engineer.
- Question.** Fuel oil high catfines action as c/e.
- Question.** Solas ch xi-I. your vessel in dd yard people working on your vessel does this chapter apply now.
- Question.** Difference between mepc 76 & 81.
- Question.** Paris agreement outcome.
- Question.** Psc has given mnc/detention. Action as c/e, mnc can not be rectified. Now what.
- Question.** detainable deficiencies/ How to downgrade a Detainable deficiency ?
- Question.** Ammonia or methane as fuel will be the future.
- Question.** Difference between laytime and off hire.
- Question.** External audit preparation.
- Question.** Hongkong convention. Why called cradle to grave.
- Question.** bunker convention.
- Question.** Ip personal.
- Question.** Imo number vs official number.
- Question.** Methane slip
- Question.** ESP for tanker

**Question.** Currently in use bunker sampling process

**Question.** COC

**Question.** Swiss cheese method

**Question.** ows not working actions as a ce

**Question.** big data

**Question.** Psc inspection regime ?

Srivastava Questions

July 2024.

**Question.** New advancements in engines to reduce NOX.

**Question.** Miller cycle/Demerits of miller cycle.

**Question.** Difference between class suspension, automatic class suspension and withdrawal of class

**Question.** Letter of credit. Bill of lading.

**Question.** EEXI, EEDI units.

**Question.** CII Rating is D. You have just joined as CE. what you will do.

**Question.** What is shipping casualty as per MS act. What is marine casualty as per shipping act.

**Question.** How a convention becomes a law of India.

**Question.** Difference between risk analysis and risk assessment.

**Question.** As a CE, how will you ensure that the loadicator is working correctly.

Int- Arbind Chaudhary.

Ext. Brij Srivastave.

**Question.** OPRC

**Question.** DIFF of inspection when hull gets damage by class and administration.

**Question.** Aft peak tank special survey what all survey You will carry out.

**Question.** Rest hours which two regulations for it.

**Question.** PSC deficiency 18

**Question.** when ship is outside port how psc will conduct Inspection.

**Question.** Audit and survey difference ?

**Question.** Why Model test are being done. Details about stablity curve.

**Question.** BWTS discharge sample.

**Question.** TACIT Acceptance.

**Question.** Multiple load line. why and when

Mr Arbind(internal) n Mr upendra (external)

Result: Pass

1 Asked About yourself and pre sea done Which ships

**Question.** where in SOLAS bulk carrier is mentioned/addressed.

**Question.** what is damage stability criteria Stopped and asked tell me for new BC only?

**Question.** FWD dewatering system

**Question.** floodable length? what is permissible length and its ratio with floodable length?

**Question.** what is conditional of assignment?

**Question.** what is POS1 and POS 2.

**Question.** what is type A. B. b60. b100

**Question.** III code and scope?

**Question.** RO Code? what is oversight of RO. purpose and what they check

**Question.** What is right ship survey? what is ratings/classes of right ship

**Question.** EDD scheme and its prerequisites? where edd not applicable.

**Question.** types of charter. Laytime and demurrage

**Question.** ESP in detail, Latest amendment in esp.

**Question.** Structural fire protection other than tankers.

**Question.** Sister clause.

**Question.** How to register in India.

**Question.** Tribology.

**Question.** Aframax meaning.

**Question.** Coating what are you check.

**Question.** Grain code fumigation. Fumigation precautions as per CE

## June

- Question.** Baltimore incident and what convention it comes under
- Question.** Sale and purchase of ships and what prevents sail to multiple people ( did not accept PODA)
- Question.** Methods to dump things in the sea
- Question.** GZ curves how they are made and how they are approved
- Question.** Ghg measures and who gives incentives to whom and how incentives given
- Question.** Iso 8217 : 2024 features
- Question.** Challenges as methanol and ammonia and hydrogen. Which is the worst to handle as CE
- Question.** ESI and credit rating
- Question.** Stability how it is assessed
- Question.** Loadicator
- Question.** what is total loss?
- Question.** Inch merry clause and why it came
- Question.** Derating, epl, shapoli,
- Question.** If LL survey is going, if he finds ship is unseaworthy, can he detain the ship?
- Question.** If ship CII rating going down, what all can be done to improve the rating.
- Question.** If ship is china , how can psc detain the ship on ISM deficiency.
- Question.** Duties of Flag state as per UNCLOS
- Question.** General average particular average.
- Question.** Bridge informed smoke is bad. How can you make from the colour.
- Question.** As per unclos what is Contiguous zone and responsibilities of costal state. Countries adjacent to each other how their share will be decided. How to distribute
- Question.** Fal convention
- Question.** Unseaworthy ship.
- Question.** Running down clause
- Question.** Loadline surveyor found hole in sounding pipe can he detain vessel.
- Question.** Crude & oil tanker difference as per solas
- Question.** Maritime lien and if vessel sold where you will find it.
- Question.** Basel convention/ London Convention

- Question.** China ism auditor comes and find NC, where is plan for survey. what is that survey
- Question.** Memorandum vs coc
- Question.** kn curve
- Question.** can psc conduct ism audit?
- Question.** Ing bleve and methane slip.
- Question.** III code. How many instruments In III code?
- Question.** Safeties with biofuel
- Question.** Special survey
- Question.** CE responsibility with respect vessel having TMON notation
- Question.** How will u show to PSC vessel compliance with AFS convention
- Question.** Difference between towing in emergency condition and under salvage condition
- Question.** Why Bunker convention came in. What is liability limit in general. Why it is provided.
- Question.** cop -28 What is there in it for shipping ?
- Question.** In Bulky what kind of coal fire?
- Question.** Continuous zone ...how is territorial sea shared between 2 neighboring states? what jurisdiction of coastal state . As per unclos what is Contiguous zone and responsibilities of costal state. Countries adjacent to each other how their share will be decided. How to distribute ?
- Question.** Carrier rules difference under Hague n Hague Visby rules.

## April

External: Mehrotra

Internal: Nair

Passed

- Question.** Discussion about Baltimore accident.
- Question.** Co2 maintenance - what action if 5 bottles are not clamped and you have to release Co2?
- Question.** interim ism implementation preparation
- Question.** SEQ survey details - what is the certificates to check and what supplement to SEQ cert

- Question.** as CE what is your action when you join onboard wrt Marpol Annex 6 chap 4
- Question.** DD preparation
- Question.** lifeboat maintenance
- Question.** MEPC 81
- Question.** GFS
- Question.** Life cycle analysis
- Question.** Eexi reduction factor
- Question.** Armed robbery & piracy as per SUA convention

**int: Shirish sir**  
**Ext Mehrotra sir**

1. Written orals status, Intro, types of vessels, experience.

- Question.** Difference between oil product tankers and aframax crude oil tankers wrt SOLAS and MARPOL (didn't accept any of the points)
- Question.** COC and memoranda difference
- Question.** Out of 3 AE, 1 c/shaft broken, new spare will come after 2 months, rest 2 gen working in good condition only thing is CLASS not informed. Will u takeover?
- Question.** How will you present this broken c/shaft condition to get insurance cover?
- Question.** Generators worked on? MAN and Daihatsu, types of overspeed trip? Explain how mechanical overspeed device works?
- Question.** GA Vs PA, any example?
- Question.** Bridge calls and tells you that smoke from funnel is BAD, How do u decide bad/good quality?
- Question.** SCOPIC

**Internal : Shirish Sir**  
**External : Mehrotra Sir**

- Question.** Class and RO difference.
- Question.** FAL convention basic details, only key points.
- Question.** Noise Code basic details, only key points.

- Question.** Why Bunker convention came in.
- Question.** What is liability limit in general. Why it is provided. Limits of LLMC, CLC Tier 1, 2 and 3.
- Question.** Difference between Engine Derating and Engine power limitation. Only key points.
- Question.** Nairobi Wreck Convention basic details.
- Question.** What specific documents carried on crude oil tankers.

## March

Senthil and Mehrotra sir

- Question.** Difference Between marine insurance and general insurance.
- Question.** Dry dock checks in shore connection box.
- Question.** Interim SMC audit preparation as CE.
- Question.** 'Service space' in Solas which chapter.
- Question.** Aux Engine Requirement as per Solas.
- Question.** Emergency Generator Engine Requirement as per SOLAS.
- Question.** How class will become RO.
- Question.** ME jacket water temperature controller working principle.
- Question.** MGPS working principle.
- Question.** How will you prepare ship for PSC.
- Question.** OWS malfunction in ECA area. How will you act as a CE.
- Question.** IG alarms and trips.
- Question.** 3 elements of ISM.

Int senthil Kumar  
Ext Mehrotra

What all qns u could not answer before.

Have u done dd after 2e

Incident on your ship

**Question.** Routine maintenance on boiler

**Question.** Boiler survey prepare as CE (only bullet points)

**Question.** Diff between Basel and hong kong

**Question.** Unclos. How is it related to imo

**Question.** CO2 5 bottle clamps not in place will u discharge CO2 in case of fire

**Question.** Frequency of generator is varying reasons.

**Question.** You joined ship as CE ,from which document u will come to know what is the status of the machinery.

**Question.** Have u seen imo site. What latest updates.

**Question.** Have u done audits. What us frequency of internal and external audits

**Question.** How many mou's

**Question.** derating

**Question.** Checks regarding paint before DD

**Question.** Checks before releasing CO2

**External deshwa**

**Internal shirish**

**Question.** Lng bunkering

**Question.** TCM

**Question.** Modern salvage law

**Question.** Umbrella seal in ME engine

**Question.** Observation, nc, mnc differece

**Question.** Convention, protocol, treaty difference

**Question.** Noise code and measurements and checking as chief engineer

**Question.** Vessel grounded action as CE

**Question.** Iso 5001

**Question.** Contents of IHM

**Question.** Iso certification

**Question.** Two fuels that you can use in duel fuel engine,

- Question.** amonia slip
- Question.** Situational leadership
- Question.** Under water hull survey inspection in detail
- Question.** Is ISM Internal audit mandatory.
- Question.** Hongkong convention xques
- Question.** Duel fuel engine modification required
- Question.** contra rotating propeller
- Question.** main dd specs
- Question.** SEZ

**FEB 2024.**

22.02.2024

Internal: Gopikrishanan Sir

External: Upendra Sir, Brij Shrivastava Sir,  
Umashankar Sir(No questions asked)

Result: Repeat

- Question.** Difference between product tanker and crude oil carrier, what is the difference in coatings? Whether full tank has coating in crude oil carrier or only some part of the tank is coated?
- Question.** LRIT
- Question.** VESSEL under time charterer and not getting desired speed..
- Question.** Compliant fuel not available in next port. Action as chief engineer.
- Question.** IBC code latest amendments...
- Question.** What are type 2 vessels.
- Question.** What is difference between expanded inspection and detailed inspection.
- Question.** what is CBDR.
- Question.** Chinese PSC inspector detained your vessel, review procedure.
- Question.** Procedure for Registration of 2nd hand vessel in Mumbai.

Surveyor: Upendra, Mehrotra , arbind chodhary

Attempt: 3 Rd

**Question.** UNCLOS , various Area, distance

**Question.** marine insurance and general insurance

**Question.** Imsas audit

**Question.** non compliance F.O , action as C/E

**Question.** Basel and Hongkong conversation, where they contradict each other?

**Question.** c02 maintenance, testing hydraulic, criteria to discard bottle ,how much buckling or expansion allowed in hydraulic test, why 85% in 2 min.

**Question.** BWM , SOC and no more favourable treatment

**Question.** III code

**Question.** inventory management, what we use onboard, how much L.O and F.O extra we keep onboard, what is IMO requirement for minimum extra

nternal: arbind choudhary sir external : mehrotra sir

Result: pass

**Question.** As a chief engineer how you will reduce emissions and improve CII rating

**Question.** As a chief engineer will you take over a ship if one generator crankshaft is broken and new one will come shortly

**Question.** AIS, VDR & LRIT difference ,what is recorded & transmitted

**Question.** Noise code and ratings

**Question.** CLC Liability and tell limits

**Question.** Sistership clause

**Question.** Registry of ship and how you will tell if the ship is not sold to it's not sold to more than 3 people

**Question.** EPL and derating of engine

**Question.** Hageue, Hague Visby , Hamburg and Rotterdam rules carrier responsibilities

**Question.** In UNCLOS flag state responsibilities

20/02/2024

Internal - AK chaudhary sir

External -Malhotra sir

Attempt- 2

Introduction /experience after class2/written result/attempt

**Question.** Latest technologies to reduce c02 on board( asked by chaudhry sir)

**Question.** Cii in brief .. Rating D.. Ur action(asked by chaudhry sir)

Malhotra sir

**Question.** PR 17..

**Question.** Can Ro detain ship.. Agreement between admin and RO where written ( he want to listen - in solas, RO code)

**Question.** Running down clause...

**Question.** What is GA n PA.. who covers in GA

**Question.** PSC.. can psc do audit... Can he detain on ism... Nc and mnc.. How psc give deficiency in ism..

Suveyor: Senthil, Mehrotra and umashankar Singh

\* introduction.

**Question.** Bunkering procedures, precautions, instruction to juniors.

**Question.** how to check quality & quantity of bunker.

**Question.** Explain FONAR

**Question.** Marine insurance types.

**Question.** General avg/ particular avg differences. Qx who pays

**Question.** what is no more favorable treatment.. Qx example.

**Question.** classification society

**Question.** what is dual class and double class.

**Question.** what are differences between CLC, and bunker

**Question.** inventory principles

**Question.** explain JIT: just in time

20/02/24

Int: AK chaudhary

Ext: mehrotra

Intro and questions

**Question.** Your superintendent asks you to suggest 5 methods to improve CII

**Question.** Engine derating and EPL definition. How done and differences

**Question.** Hague, HV and hamburg rules. Duties of carrier as per all 3 and differences

**Question.** Sistership clause

**Question.** RND clause

**Question.** No more favorable treatment

**Question.** You joined as CE and company asks you identify critical equipment and spares. Name of methodology used.

**Question.** PSSA

**Question.** Duties of coastal state as per UNCLOS

**Question.** You are CE and 3E refuses to come on watch. Your actions.

IntAr in C au ary

Ext Mehrotra

**Question.** Difference between Oil tanker & oil chemical tanker as per Solas

**Question.** Alt fuel hydrogen and methanol

**Question.** Difference between Basel and London convention

**Question.** IMO GHG strategies

**Question.** CII

**Question.** III code

**Question.** Imsas

**Question.** Joining as CE onboard one AE crankshaft broken not reported to anyone will you takeover

**Question.** Five different practical ways to reduce CO2 emission

Int - Mr Arbind Chaudhary  
Ext-Mr Mehrotra + Mr Umashankar Singh

Attempt -2

Result- Pass

- Question.** Fire safety requirements in car carrier
- Question.** ME abnormal stop during maneuvering actions
- Question.** IOPP annual survey prep
- Question.** Cert related to ism to new ship
- Question.** Procedure to release c02
- Question.** Carbon capture and storage
- Question.** Shipping note
- Question.** Unsafe unseaworthy ship
- Question.** Dd specs for anchor windlass
- Question.** Anchor windlass single shaft or multiple shafts

Internal - Senthil K  
Ext- Mehrotra

- Question.** Latest PSC circular
- Question.** India BWM status
- Question.** Can India inspect foreign flag vessel.
- Question.** Hart protocol
- Question.** Documents for second hand sale.
- Question.** Coc Memoranda
- Question.** How to train Junior
- Question.** ISM audits, SMC DOC.

**Question.** H&M P&I difference  
Passed.

Mehrotra and Uma Shankar

**Question.** Auxiliary engine overhaul going on. Don't have spare part. What is your action as chief engineer?

**Question.** Fuel compatibility test

**Question.** ISM complete

**Question.** What is marine life raft

**Question.** Auxiliary engine requirement as per SOLAS

**Question.** Latest developments in life boat

Result : repeat

Attempt 1

Senthil sir & Mehrotra sir

Introduction

**Question.** No more favourable treatment.

**Question.** Can PSC give ISM deficiency

**Question.** Will you take over as Chief Engineer if 3 generators on board are not working?

**Question.** Inchmaree clause other than 3 points what else

**Question.** Sistership clause.

**Question.** If ship is going to California what you will do as chief engineer?

**Question.** IHM Part 1 Actions as C/E to maintain.

**Question.** CII to improve what all things will be done as C/E.

**Question.** COC & Memoranda.

**Question.** If BWMS plant needs to be installed on board what will the class give?

Result: repeat

Int- Mr Chaudhary  
Ext- Mr mehrotra+ umasankar

Attemp-1 st

Result pass

1 . asked me in about experience type of ship, experience in 2E , written result

What you know about imo latest,

**Question.** Mepc 80

**Question.** C02 capturing

**Question.** What is CII exactly, no formula and explain in basic form why CII

**Question.** As a ce how to implement ism on a new ship, certificate, validity, audit requirement of SMC,

**Question.** In ism preparation what all for crew specially, looking for drill, emg equipment

**Question.** What do u mean by fully conversant in ism.

**Question.** Time charter party, master ask to increase rpm now more fuel burn, then who will pay for that fuel cost

**Question.** What special as a ce in time charter party, what all things owner will provide.

**Question.** How will u ensure communication between crew.

**Question.** Tell me about tool box meeting, what all in meeting , why and what as a ce will look into tool box meeting

**Question.** Marpol annex 2 discharge criteria. For x y z and persistet floater, PA manual What means of chemical tanker ship.

**Question.** In drydock what all important for CE ( like drop clearance, deflection before after) / Why deflection important before after DD

**Question.** Ism objective and explain them

Mehrotra, chaudhari, and 1 more.

Feb 19.02.24

Result:pass

**Question.** Cyber security measures on board

**Question.** seq survey in detail, form e with certificate , whats surveys.?

**Question.** Fixed c02 system maintenance 10 yearly.

- Question.** steering gear failure action as ce.  
**Question.** emcy fire pp failure in front of psc what action as ce  
**Question.** 2e not reporting all details related to e/r operation action as ce  
**Question.** hongkong convention details  
**Question.** Basel convention  
**Question.** garbage categories as per annex, garbage that can be thrown ovbd.  
**Question.** incinerator requirement as per annex 6  
**Question.** flag state, coastal state duties as per unclos  
**Question.** Carbon capture.

**Jan 2024.**

**Satish Varma Reply**

**MMD MUMBAI**

**22.01.2024**

**Internal: Arbind sir**

**External: Upendra Kumar**

- Question.** IGF code and IGC diff  
**Question.** Omnibus clause  
**Question.** Causa proxima  
**Question.** Sea margin and engine margin  
**Question.** Running down clause  
**Question.** ME fuel consumption increase to 45t from 40t.  
**Question.** Extended dry dock scheme  
**Question.** COC and MOC / COC Application procedure and dispensation procedure

**Parmeshwar Bhokare**

**Date: 22 Jan 2024.**

**Internal: Arbind sir**

External: upendra sir.

Result: Pass.

Attempt: 4 th.

**Question.** What are catfines.

Q x: Why we add . what are the limits. Present F O standard for cat fines. Limit for Engine. How to remove cat fines.

**Question.** Why we need Class ?

Qx procedure to get Class for vessel, IACS how many members, latest changes in IACS, objective of IACS.

**Question.** As per MLC 2006 preparation As CE for psc inspection.

**Question.** What is mean by young seafarer?

Qx. Working requirements for young seafarer, what are the requirements for young seafarer.

**Question.** Bunkering safety.

Qx how to calculate received bunker quantity. What are the different corrections for calculating received bunker, formula for corrections.

**Question.** Heavy weather damage preparation.

Qx. What are the checks to be carry out upon safe arrival of vessel at port.

**Question.** IMO structure? Councils ? Function of meeting? Latest Assembly meeting.

VasudevGhangam  
22.01.2024  
Attempt 2  
Internal: Arbind C  
External: Upendra Kumar

**Question.** What is Johari Window?

Tell me How you will deal in conflicts as a CE when you go onboard ?

**Question.** What is Sister Clause In Insurance

**Question.** OPRC Convention ? What Certificates ? How will an Indian State Deal With It?

**Question.** Type of Manifolds on Gas Vessel?

**Question.** How many ESD Links On VLGC Vessel?

**Question.** What is IGF Code ? Significance? Why IGF?

**Question.** What are Cargoes ?

**Question.** Significance of Propeller Curve ? Sea Margin & Engine Margin ?

**Question.** As a CE how will you investigate frequent Cyl Head Cracking ?

**Question.** LRIT ?

**Question.** VDR? What all are the inputs ?

**Question.** What is CTS?

**Question.** What are requirements on Oil tanker if Using LNG as fuel for Piping System ?

**Question.** What's Special About ESD Link ? What's it called ?

**Question.** Trip Levels HC If Oil Tanker Using DF Engines? ( Mentioned LGIP Levels)

**Question.** As a CE when you have just joined vessel how will you investigate a machinery failure ?

Pauras Surve 23.01.24  
Internal- praveen nair  
External- melhotra Attempt 2 Meo Class 1 (steam)

When was last oral? What are not answered questions from last attempt. Have you prepared.

**Question.** Ask me about tailshaft inspection and removal.

**Question.** how you manage boil off on LNG carrier / Lng as a fuel. Is a alternative option ahead?

- Question.** SEQ survey
- Question.** Interim audit for taking new vessel
- Question.** Service spaces as per solas definition
- Question.** No more favorable treatment
- Question.** How to train juniors
- Question.** difference between cs and ro
- Question.** brief about imsas and vimsas. Duty as a flag, port and coastal state

**PATIL, [22-01-2024 15:48]**

- Question.** What Safety for bulk carrier on forward part of cargo hold,? How to test from bridge?
- Question.** Spark erosion? How avoided?
- Question.** Safety management system? Advantages?
- Question.** While taking bunker safety? What precautions while taking sounding on barge?
- Question.** Static and dynamic test of crankshaft?
- Question.** What certificates need to have to issue smc? Process to issue smc?

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## Abhishek Deshpande

- Question.** High density cargo can we carry. Where given . Procedures. What all changes.
- Question.** Important things in lo report. If 0.5 percent by engine manufacturer, we get 0.45 is it okay.
- Question.** Inputs outputs in masters review
- Question.** What is cfu in bwts. What does it mean
- Question.** Non treaty instruments of imo
- Question.** Polar region where is it
- Question.** Gen frequency is continuously changing your action as ce, when 2e calls to cabin.

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**Virendra Dubey:**

**Question.** Imo slogan

**Question.** Management of change

**Question.** Annex 5 be amendment latest

**Question.** Eedi ecoi difference

**Question.** H&M and P&I relationship

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**Sushant Raghav**

- Question.** Condition assessment scheme
- Question.** Gbs standard
- Question.** Alternate fuels
- Question.** New technological innovations to reduce eddi
- Question.** MEGI. MEGA
- Question.** next UPCOMING MEPC no.
- Question.** Headings in MEPC 80
- Question.** Psc review mechanism against deficiency

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**N Sha**

**24 Jan 24**

**Gopi Krishna sir and external (forgot sir's name)**

Introduction, experience, type of vessel and number of attempts.

**Question.** As c/e. u join a ship, how u know Ism is implemented. Which documents u check to verify it without wasting any time.

**Question.** Latest guidelines on psc and number. What were the latest changes made. How many MOU, Documents for PSC inspection, name all

**Question.** Takeover a new vsl as ce. Interim ism audit .how to proceed

**Question.** Cyber security amendment. Role of ce

**Question.** J/e joining ship, responsibility of ce and how will u motivate him

**Question.** Sire vs psc. Differences

**Question.** Alternative FO. types and development

**Mehrotra / Nair**

**Mumbai 23 Jan 24**

**Question.** As C/E Prepare vessel for HKC Recycling

**Question.** As a C/E Prepare vessel for IOPP Survey

**Question.** As a C/E Prepare vessel for Interim ISM, vessel taking over as new in the company

**Question.** As a C/E Prepare vessel w.r.t MLC

**Question.** Latest Resolution of IMO with respect to Port State Control

**Question.** Define / Explain Service Spaces as per SOLAS

**Nair Sir –**

**Question.** Explain SEEMP Part 3; Action as C/E with C Rating.

**Question.** Life boat water fall action as ce??

- Question.** Functional requirement of ism
- Question.** Explain design of contra rotating propeller
- Question.** High Voltage safeties
- Question.** GBS functionality
- Question.** PMS
- Question.** CMS

DK S, [18-01-2024 16:08]

Attempt-2

18 Jan 24

Mumbai

INT- Srish

EXT- Mehrotra

Intro and which type of ship, size and trading area etc

- Question.** Subrogation
- Question.** Running down clause
- Question.** Maritime lien
- Question.** Critical spares
- Question.** internet of Things
- Question.** CE duty in IHM

**Chetanya Gupta**  
**Internal: Arbind Chaudhary**  
**External: Upendra Kumar**

All Questions by internal only

1) Give your technical introduction Gas carriers throughout

**Question.** In IGC code what are the types of tanks?

X Q: how are independent different from integrated?

X Q: what are the temperatures between these types?

X Q : how long can the secondary barrier hold if there is a leak in cargo tank?

Types of Tanks in the IGC Code

**Question.** IP code

**Question.** PF curve?

**Question.** what is carbon capture?

X Q : what are the methods

X Q: how do we sure carbon captured?

X Q: what is carbon sequestration?

**Question.** difference between zero carbon and carbon neutral fuels with examples?

**Question.** What is biofuel ?

X Q: why we are using it? What advantages?

XQ:whats biodiesel?

**Question.** you have joined as a ce on just a new yard delivery at shipyard, how will you implement ISPS code

**Question.** Coc

**Question.** El. Officer to instruct in DD

**Dec 2023**

Shekhar Sharma

Internal.-Senthil sir External.-Mehrotra sir and Mr. Umaparkash

- Question.** RO, Flag state, Classification society.  
**Question.** C02 10 yearly maintenance, pressure test for flexible hoses, C02 line. Relief valve.  
**Question.** C0P27 and COP 28 basics. Why international shipping is considered in COP.  
**Question.** EFFORTS by IMO in reducing GHG.  
**Question.** Methanol as fuel. Properties of methanol.  
**Question.** Why methanol engines emits less nox  
**Question.** How as CE will maintain inventory.  
**Question.** ISM basics.

**Int: Shirish sir Ext: Mehrotra sir Attempt:2**

1. Introduction, written result, type of ships.  
**Question.** What are GHG development with respect to Annex 6 ch 4  
X 20% of what  
X what you mean by net zero concept  
**Question.** Noise code  
X accommodation measurements and dB value  
**Question.** Sua code.  
**Question.** Diff bet Coc and memoranda of class  
**Question.** GA and PA  
x how proportion is calc in GA  
**Question.** ISM deficiencies  
**Question.** International Hull Clauses  
**Question.** Light running margin of propeller

Hitesh  
Sirish kumar and mehrotra

- Question.** Running down clause  
**Question.** III code  
**Question.** LNG as fuel, what constraints?  
**Question.** IMO GHG strategy

**Question.** CII, EEXI

Manish  
Shirish

**Question.** chemical type 1 and type 2 construction difference Stripping requirement

**Question.** Light running margin

**Question.** London and basel convention

**Question.** B/L

**Question.** Marpol annex 6 regulation 23

**Question.** SEEMP parts

**Question.** Bwts D1 and D2 standard

**Question.** PSSA

**Question.** Running down clause

**Sandip Patil**

**Shirish kumar External dont know**

1. Introduce yourself, written result/cargo carried,

**Question.** veg oil carrying requirements,

**Question.** framo monthly checks,

**Question.** pssa, in india how many pssa, who decides

**Question.** unclos, territorial sea, EEZ, function of coastal state

**Question.** kN curve

**Question.** BDN, as per bunker conversion what should be there

**Question.** as CE how you make sure that complies with IHM, IHM convention

**Question.** registration of ships, what certificate required

**Question.** London convention

**Question.** running down clause

**Question.** III CODE, how many instruments of IMO in it

Attempt 4  
Mumbai mmd  
Internal: Shirish Kumar sir  
External: mehrotra sir

Result: Pass

**Question.** IMO GHG strategy, New levels of ambitions. Why 2008 is referring year? Year of old GHG strategy and revised GHG strategy

**Question.** Difference between COC and memoranda. Does memoranda time validity?

**Question.** Special survey requirement due in one month, and owner don't want to do, then what is SOLAS requirement for it?

**Question.** Dry dock requirements as per SOLAS

**Question.** As a CE, responsibility for maintaining IHM certificate.

**Question.** Difference between explicit acceptance and tacit acceptance

**Question.** III code in brief. What all conventions it covers?

**Question.** Subrogation clause

**Question.** What does FAL convention deal with? In brief. How many forms, declarations and documents.

**Question.** Difference between CLC, fund and bunker

**Senthil, Mehotra, Singh.**

**Question.** Inventory principle. Jit.

**Question.** Fonar.

**Question.** Bunker procedures, precaution, instruction to junior. How to check quality and quantity of bunker.

**Question.** Marine insurance types.

**Question.** GA/PA difference.

**Question.** No more favourable treatment.

**Question.** Classification society.

**Question.** CLC, bunker difference.

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Nov 2023  
Ashish Kumar  
Mumbai mmd  
1st attempt  
Internal: Nair sir  
External: Mehrotra sir

Motor and steam

Nair sir started with introduction n all formalities.

**Question.** Which code Ing carriers come under, what about IGF code, if applicable to LNG carriers or not.

**Question.** What are goal based standards

**Question.** Is LNG the future fuel.

Mehrotra sir

**Question.** Near miss increased on your ships, Your action as ce

**Question.** Why Co2 bottles are secured and lashed. What will happen if lashing not ok.

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- Question.** What are service spaces
- Question.** Certain flagged vsls getting detained at certain ports. What could be the reason.
- Question.** NC and MNC as per ism. Give some examples.
- Question.** Discuss ammonia and hydrogen as future fuel.
- Question.** Who benefits out of general average
- Question.** What is no more favorable treatment. Give some example.
- Question.** What is main diff between annual and intermediate survey. Give example

**Rasheed Gaibi**  
**2nd attempt Mumbai mmd**  
**Internal shirish sir**

External don't know

1.General introduction

Question. What is Basel convention

Question. what is no more favourable treatment in MLC.

Question. Institute time CLAUSES

Question. H&M what all CLAUSES are there

Question. If damage to ship because of navigation happened in Hugly river, will be covered under perils of sea

Question. what is scopic clause, how much is the security to be given, why scopic, if salvage operation took place outside territorial waters will it apply

Question. what is HV, Hamburg , some differences

Question. difference between ISM and TOM, Principles of TQM

Question. Which article in unclos talks about Flag state duties, and what are the duties of Flag state

Gagandeep Singh Bawa

Intern Gopi External: Anil Choudhary.

**Question.** Salvage convention. article no.13,14 and 16. LOF. Scopic. If salvage convention is there why LOF is required. suppose your vessel grounded and tug is on the way for salvage but even before tug reach, you able to refloat the vessel then in this case, is tug is eligible for remuneration?

How general average is incorporated in salvage.

**Question.** Protection and indemnity

**Question.** As a C/E u have received log book, what are the things to check in the Night order book what r the things u write

**Question.** De registration of vessel

**Question.** FAL and SUA convention

**Question.** Floodable length, permissible length

**Question.** National board of shipping structure

**Question.** Latest amendments in IBC Code

**Question.** Explain IMSBC CODE

**Question.** LATEST amendment in liner, piston ring and crown

Question must be latest Developments for ship engine liner, piston ring and crown

**Question.** Meaning of AFRA MAX tanker

**Kamal**

**Internal gopi External: anil**

**Question.** Diff btw dfde and sdf

**Question.** Seemp

**Question.** Functional requirements of ISM / 2022 amendments in ism

**Question.** Mepc 80 importance

**Question.** What to do in case you received less bunkers and out of spec bunker

**Question.** SUA

**Question.** What is limited liability

**Question.** MLC 2006 importance

**Ankit mehra**

**Internal: Gopikrishnan**

**External : Anil**

Introduction

Experience

Type of propulsion.

**Question.** Future in marine propulsion, man b&w me-GI AND me-GA engine. Material injector design, LNG Bunkering, DESIGN of tank, type of pumps relief Valves

**Question.** Ship Propeller curve in detail, How used in engine derating.

**Question.** GA in detail

**Question.** ESP/ Check in details as Ce and surveyor

**Question.** MLC 2022 amendments

Internal:

- Question.** Hong Kong Convention.
- Question.** Diff between EUSRR and HKC
- Question.** HBCDD

**Vaibhav Sharma**  
**Attempt 3 (2011.2029) MMD Mumbai**  
**Surveyors Arbind choudhary and upendra sir**

Result Pass

1.Type of ship

2.Experience as 2nd engg,

**Question.** ME Engine and RT Flex diff

**Question.** Right ship (Rating in rightship, CAP, SIRE)

**Question.** NSB

**Question.** Detention review, (Chinese PSC detained the vessel giving false deficiency)

**Question.** CSR(Usage and purpose), flag change

**Question.** VDR Where located, what records, and how much storage time.

**Question.** AIS where in solas (regulation) what information LRIT gives

**Question.** Difference in AIS And LRIT

**Question.** Principle of insurance, subrogation Types.

**Question.** H& M [what all cover), P&I (what all cover ), difference between both,

**Question.** Vessel suffer damage by fuel oil who will ask for claim if fuel was supplied by owner and what if supplied by chartered?  
And who will take insurance?

**Question.** BOL, letter of credit, contract of affreightment, what is link between BOL and contract of affreightment

**Question.** Additional safety of bulk carrier, what is pumping requirement

**Question.** Parametric rolling

**Question.** Trim optimisation/ Weather routing

**Question.** Your vessel is not going at charter party speed action as CE

**Question.** VFD, cycloconverter

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**Question.** High voltage safeties

**Question.** Polarisation index, insulation resistance

**Question.** How to change speed of motor

10/2023

Int. shirish sir. Ext. mehrotra sir.

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**Question.** Ill code.

**Question.** Noise code. Mlc area noise in db.

**Question.** Pssa. Is Andaman and Nicobar Island

**Question.** Code 30, 17.

**Question.** clear ground definition and example.

**Question.** Which certificate required during registry.

**Question.** What is subrogation.

**Question.** What is cif, and fob.

**Question.** Diff bet ga and pa.

**Question.** maritime res and maritime lien.

**Question.** Latest changes in shipping.

**Question.** running down clause.

**Question.** Psc deficiency code 17, 30.

**Question.** what is PR, PR 17, PR 5.

**Question.** cold ironing, alternate shore power challenges and factors to consider.

**Question.** EEXI, EEDI, IEEC Certificate and validity.

**Question.** Cappuccino bunkers.

**Question.** Fuel treated as per which iso standard

**Internal shirish sir. Ext. ?**

**Question.** Precaution while loading grain cargo. Gas after fumigation. Process safeties.

**Question.** Scopic clause.

**Question.** Ill code.

**Question.** How many chapter in stcw.

**Question.** Audit and survey difference.

**Question.** Contiguous zone and EEZ as per unclos.

**Question.** Special survey due next month super don't want to do what will you do.

**Question.** Chapter xii solas.

**Name - Bipinkumar halwai**

**Int- Shirish sir**

**Ext - mehrotra sir**

**Attempt 3**

**Introduction**

**Question.** Difference between GA and PA

**Question.** PSSA, is Andaman under PSSA

**Question.** Condition of assignment

**Question.** Maritime lien. How to know vessel has lien before buying.

**Question.** TQM

Chandan Kadam  
Internal-Shirish Sir  
External-Mehrotra Sir  
MMD Mumbai  
Result-Pass

**Verification Of Documents**

**Brief Introduction about yourself**

**Question.** Which was the Last Session of MEPC & Discuss some important points from it

**Question.** You are joining a vessel As C/E after reaching onboard Handing over C/E informs you that out of Three Generator one is non operational Due to Crankshaft completely Damaged Will you take over the vessel or not

**Question.** Reason For Suspension Of Class

**Question.** Difference Between Condition of Class & Memoranda

**Question.** What is LOF & Why Scopic clause was added in LOF

**Question.** Principles Of Insurance & Explain Principle of indemnity, Principle of Subrogation, Principle of Proximate Cause

**Question.** Difference Between Explicit Acceptance & Tactic Acceptance

**Question.** What is PR-17? Who can raise PR-17

**Question.** Vessel Approaching a port and 24hrs Before Ballast water system Fail? Ballasting operation is needed urgently How as C/E you will deal with this situation

**Question.** What is Honk Kong Convention and C/E Role in Hongkong Convention

09/2023

Ajaypal Singh Maan

Internal: Sarish Sir

External: Mehotra Sir

Attempt: 2nd

Mehotra Sir Intro. Type of ships Sailing experience.

**Question.** IMSBC CODE/as per this code type of cargo.?

**Question.** Running down clause.

**Question.** Subrogation/ **Types of Subrogation**

**Question.** What is PR , PR for change of Flag , what it says.

**Question.** Grade of steel, where used , what is tensile steel u know about it..?? Where used on board.

**Question.** Owner want to extend special survey what u suggest.

**Question.** Intermediate survey. Special and renewal, example and any requirements for Dry dock..??

**Question.** PSSA full form and definition . Andaman...?? PSSA Any new ...???

Belal Sultan

1st attemp

Sirish sir (int)

Not sure (ext)

Result: pass

1 introduction

**Question.** Propeller curve engine margin and sea margin

**Question.** lmo instruments in III code

**Question.** grim vane wheel (working)

**Question.** General avg and particular avg

**Question.** condition of class and memorandum of class

**Question.** bwts not working. Action as chief engg

**Question.** Fal convention (fal forms), single window

himanshu madhra

Int- Mr Shirish Ext- Mr Mehrotra

Repeat

**Question.** Propeller curve

**Question.** MS Act

**Question.** ISM in detail.

**Question.** PR-1A, Transfer of class

**Question.** III code

**Question.** Noise code.

**Question.** Marine Insurance.( Subrogation in detail)

**Question.** Polar code.

Date 17.08.23

Arnab Bose

Upendra kumar sir

Sirish sir

**Question.** What is the purpose of oprc  
To whom it applies

What is required for various parties as per oprc

**Question.** eedi technical file contents

**Question.** Gbs what it is whom applies to what is tier 123

**Question.** Esp code latest ammendments

**Question.** H&m inclusions

**Question.** Inchmaree clause

**Question.** Omnibus clause

**Question.** In time charter offspec fuel has damaged machinery. Who will cover the costs of repair

**Question.** What is current fuel standard. Which standard was there before. What is new in this.

**Question.** What is the difference between bmp4 and bmp5

**Question.** Two AE on parallel load. In one AE excitation fault occurs. What will happen due to this.

**Question.** What is substantial corrosion. Give example of max allowable corrosion with relation to hull.

**Question.** What is IP code. What is IP. What is special personell. What is supernumary.

Additional q by sirish sir

**Question.** what is edd requirement for containers. Why not applicable for other ships

**Question.** Mepc 80 what came. What are the revised ambitions

**Question.** What is IMSAS

17.08.2023

Menghraj Chhablani

Attempt 3

**Question.** III CODE

**Question.** IMO STRUCTURE

**Question.** CLF AND FOB

**Question.** HIGH VOLTAGE WHAT RESISTACE/TYPE OF RESISTANCE /HOW TO MEASURE RESISTANCE /USE OF CLAMP METER ./USE OF NER

**Question.** HIGH SEA

**Question.** WHAT IS MEPC /LATES MEPC

- Question.** LC GHG EMISSION CALCULATION
- Question.** CO2 CAPTURE .HOW U CAPTURE AND METHODS
- Question.** CARB REG FOR CONTAINERS
- Question.** ALTERNATE METHODS FOR SHORE POWER REQ.
- Question.** PARAMETRIC ROLLING WHY CONTAINERS/AS CE HOW U AVOID ./WHAT IS CII AND OPERATIONAL CII.
- Question.** IMO DCS
- Question.** CII VALUE D AND E WHAT TO DO
- Question.** PROPELLER ADVANCEMENT
- Question.** LINER CRACKING AGAIN N AGAIN ACTIONS.
- Question.** WHAT ARE ENERGY SAVING DEVICES USED ON BOARD SHIP .

Ashwini  
Attempt 1

Internal Mr. Pravin Nair

External Mr. Mehrotra, Mr upendra. Mr Anil and Mr. Mr Shrivastava sir

- Question.** CO2 maintenance In detail
- Question.** hkc actions as ce when ship goes for recycling
- Question.** ism Interim certificate for new company
- Question.** off hire laytime demurrage
- Question.** mlc2006 certificate
- Question.** nor

AMS  
17.07.2023  
Mumbai

Internal: Mr Pravin Nair

External Mr. Srivastava. Mr. Anil Mr. Dilip

- Question.** Vetting and psc difference? Why both required?

- Question.** Name any 5 detainable deficiencies on board?
- Question.** How PSC will go about ships Inspection?
- Question.** How PSC will give deficiency. (Codes and proof)?
- Question.** Last PSC inspection on your ship? under which MoU?
- Question.** Difference between class and RO?
- Question.** How flag state monitors RO?
- Question.** Can we discharge oil through 15 PPM in special area? What regulation.
- Question.** Where to find which all responsibilities given to which RO under IOMoU? Any specific document or reference?
- Question.** Difference between PSSA and Special area with examples?

**Alok Alhat.**

**Mumbai mmd Attempt 05**

**Internal - Mr Pravin Nair**

**External - Mr srivastava.Mr Anil,Mr Dilip**

**Result - Pass**

- Question.** Mepc 80 latest amendments wrt ballast water system.
- Question.** Experience of any major incident on ur vessel. why it happened?
- Question.** Why psc inspection is required, if u are chief engineer how will u prepare for it
- Question.** Diff between internal and external audit why needed.
- Question.** Diff between MNC and NC conditions for rectification
- Question.** If vessel is detained by psc how will it affect company and ship
- Question.** what is no more favorable treatment

**Forwarded from ankit mehra**

**Attempt 2**

**Result: Repeat**

**Date:17/07/2023**

**Internal: Mr. Pravin Nair**

**External Mr Anil. Mr Srivastava and one more.**

Experience as second engineer

Written Result

**Question.** MEPC80/BWMS Amendments In MEPC 80

**Question.** Dry dock checks for electricians before entry.

**Question.** Co2 maintenance.

**Question.** If 2E has removed damp for 15-20 bottles and there is Engine room fire. What to do?

**Question.** Bill of lading

**Question.** Documents to be supplied under H&M. Also for hull damage in case of collision.

**Question.** Restricted area and Prohibited area.

Apurv S  
17th July.2023

Attempt 1

Internal-Mr Praveen Nair

External-Mr Dillp. Mr Shrivastava, Mr Anil

•written result •type of vessel(LNG)

**Question.** have you experienced PSC. Which MoU. Why MoU. Details about Codes.

**Question.** If OWS failed before arrival, how will you deal to avoid detention.

**Question.** how will you tackle bunker disputes. who all to Inform.

**Question.** Intervention convention significance.

**Question.** C/E action few hours before DD. What all specific things you will make sure.

**Question.** SEEMP

**Question.** EEDI vs EEXI

**Question.** how to improve Co2 efficiency of the vessel

Bapu Rane 19/07/2023

Mumbai

Attempt-1

Internal-Shirish Sir

**External-Don't know**

Introduction, sea time

Type of Ships-PCC only

Type of Engine-UEC60LSII

**Question.** Type A-B ships

**Question.** GZ curve

**Question.** Parametric Rolling

**Question.** Sea Margin/Light Sea Margin, Heavy sea Margin. Engine Margin

**Question.** Nox Code and technical file

**Question.** Hongkconv

**Question.** ISPS audit preparation for New Ship

**Question.** Condition of assignment

**Question.** Omnibus

**Dipak Pawar.**

**19/07/2023**

**Mumbai**

**Attempt-1**

Internal - Shrish sir

External - Dont know the name

Introduce yourself, type of ship, technical specifications of Engine worked/Sea Time

**Question.** flag state responsibility regarding UNCLOS

**Question.** Propeller cut on the tip, can do repair or not

**Question.** How to remove Tail-shaft SKF coupling

**Question.** Omnibus Rule explain

**Question.** Types of Grades of steel used for ship / hull construction-

**Valbhav Sharmj**  
**Attempt 1 Result Repeat**

- Question.** Noise survey report, when is this survey done
- Question.** Various inspection test in drydock
- Question.** endurance Test. Why carried out
- Question.** SPS Code (related to special purpose ship)/Salient features of SPS code -Why SPS came into picture
- Question.** In biofouling what is their with regards to thickness coating. (Specific Values)
- Question.** what are requirement of firefighting for containers stowed above deck (special mention with values)
- Question.** Chartering in and chartering OUT

**Devendra Shankar**  
**25/04/23**  
**Mehrotra and Shrish Sir**  
**Type- Lpg ships**

- Question.** CO-MINGLING of gas cargo and safeties and precautions
- Question.** Convention and code diff
- Question.** III code
- Question.** FO sulphur more than 0.5 in fuel report, Actions
- Question.** Tqm and ism difference
- Question.** Eexi and cii
- Question.** What's in the nox technical file
- Question.** Role of ce in maintaining IHM certificate
- Question.** Lrit and frequency of transmitting

**Mayuresh Kadekar**  
**Internal Mr. shrish kumar**  
**External Mr. Malhotra.**

introduction.

self assessment for previous failure attempts.

**Question.** MLC detainable deficiencies.

**Question.** STCW C/E competency, managerial skills

**Question.** CBDR

**Question.** PSSA/Difference B/W PSSA & special areas

**Question.** Class survey, Statutory survey

**Question.** Condition of class/ Memo of class.

**Question.** TQM principles.

**Question.** Arbitration, maritime lien.

**Question.** R.O. code

**Question.** bunker quantity received less .. action as a c/e.

**Satya Prakash**

**Date-18.04.2023.**

**Result-Pass,**

**Internal -P.raveen Nair sir,**

**External - Mudit Merhotra sir,**

Attempt-1st,

Questions -

1. Introduce yourself, / How many experience you have as a 2/E.

**Question.** MLC details and what is financial security in MLC get seafarer.

**Question.** What is DP vessel and what is the difference between DP 1,2 and What is open circuit and short circuit.

**Question.** What fire extinguisher you will use In case of electrical fire.

**Question.** What is ISM, and what are the documents under it and details.

**Question.** Suppose you are going to take the shore electrical connection, what you will check and why.

**Question.** What is SPS-1 was not able to answer this questions..

**Question.** As a C/E how you will handle to your juniors on board.

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- Question.** What are the new amendments in MEPC.  
**Question.** Name the 05 codes from SOLAS.  
**Question.** What is ODS and details.  
**Question.** How will you prepare your vessel for DP survey.

21 Feb 2023

Ankit

Internal : Shrish sir

External : Melhotra Sir

Started with introduction, experience and types of ships sailed ( oil Tanker)

**Question.** First question was situational based question, AS a CE you joined vessel , and one of the DG is totally opened up for repairs, spares are expected after one months, will you take over as CE or Not .....If yes then what all things you will consider, and if not , the why? - X questions- where is it mentioned or which document will tell the normal sea load

**Question.** GA and PA differences, how GA is calculated

**Question.** what is SCOPIC/ What is LOF

**Question.** How will you identify critical equipment

**Question.** MEPC latest session

**Question.** What is CBDR

**Question.** What is PSSA

**Question.** What is CII

**Question.** What is EEXI

**Question.** what is cold ironing

**Question.** what is IMH ?How will you implement IHM onboard? Responsibility of CE wrt IHM

**Question.** What is TQM, 8 Principals of TQM

Shrish Sir

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**Question.** What is the definition of PSSA (Exact Definition)

**Question.** What all documents are checked under Marpol Annex 1

**Question.** What all operations are done on tanker

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Ravi bisht

21 -02-2023

MMD Mumbai

Internal : Shrish sir

External : Melhotra Sir

1. General introduction, ship type sailed and seetime, written result

**Question.** Container lashing arrangements.

**Question.** Fire detection & fire fighting in CH.

**Question.** CSC Convention.

**Question.** HTS benefits, drawbacks.

**Question.** GA vs PA, how GA is calculated, how contributions are made.

**Question.** Nairobi Wreck convention.

**Question.** FSI vs PSI

**Question.** III code

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Swapnil M. More  
Oral Examination 21 Feb 2023  
Location: Mumbai MMD  
Internal : Shrish sir  
External : Melhotra Sir

Attempt: 2

- Question.** Container arrangement and stowage?
- Question.** Bunker received with 0.52% sulphur action as CE?
- Question.** Condition of class and Memorandum?
- Question.** Vessel is due for special survey and owner says not to do now ..later we will do. Action as CE?
- Question.** For IHM action as CE ? Later on said Joined as CE onboard, action regarding IHM.
- Question.** Bunker convention what all docs and certificate? And who issues them?
- Question.** GA and PA ? Breakdown of ME, it will come under what?
- Question.** Registration of Vessel bought from other owner, how to go about it?
- Question.** Scope of FSI and PSC inspection.?
- Question.** Who gives IMO number ?
- Question.** Basel convention?

Prashant Srivastava

21 st Feb, 2023

3rd Attempt

Internal : Shrish sir

External : Melhotra Sir

Started with Introduction, Experience etc..(my background LNG ships)

**Question.** FF arrangements on Deck of LNG tankers /How to prevent caking in Dry powder system.

**Question.** Purpose, type and number of B/L .

**Question.** Dealing with non-compliant fuel

**Question.** Implementation of ISM & ISPS

**Question.** Compliance with Hongkong Convention

**Question.** Type of SEEMP

**Question.** How engine power (KW & BHP) are determined and what is done in sea trial.

**Question.** What all you will check on BDN as C/E

**Question.** Outgoing C/E - what documents & certificates you will check as C/E.

**Question.** Propeller damage - How you will come to know

**Question.** What is power requirement for NOx technical code

**Question.** Difference between Salvage & Towage.

**Question.** Why do we have cofferdam on ship

**Question.** Difference between ISM & TQM. No. of elements in TQM & list them.

**Question.** Cold Ironing

**Question.** Definition of PSSA

**Question.** Criteria for TMON notation, what all documents to be maintained.

**Question.** Detainable deficiency as per MLC.

**Abhay Sinha**  
**Int sirish sir,**  
**Ext mehrotra sir**

**Question.** 2nd hand vessel being taken over. What documents needed for registration.

X q. What is there in proof of sale? What all is there in it.

**Question.** In yard what types of steel plates used. Yard tell you we need to use hts. How you'll decide. Where will we use high tensile steel. Why not used all over the ship?

**Question.** Types of bill of lading. How many copies and who all will get copies.

**Question.** IHM role of ce in IHM.

**Question.** iii code. Details.

**Question.** Pr 17. Details.

**Question.** difference between survey and audit.

**Question.** Going for DD. What all plans need to give to yard. What is there in docking plan.

**19/1/2023**

**Deepali K**  
**Shirsh kumar Sir**  
**upendra sir**

Passed

1. Introduction

**Question.** How will you implement isps on new ship

**Question.** PR 17 - deficiency on ship, actions as CE

**Question.** Ism how you will prepare new vessel for interim certificate

**Question.** Eedi eexi cii

**Question.** Psc - which all conventions

**Question.** III will focus on which imo instruments.

**Question.** MLC implementation on ship

**Question.** How you will prepare for iopp survey

**Question.** Scopic clause

**Varun Raghunath**  
**Internal: Shirsh Kumar Sir**  
**External : Upendra Sir**

Attempt: 4 MMD Mumbai

**Question.** Vessel frequently calling Long Beach. Requirements?

**Question.** Parametric Rolling

**Question.** Insulation Resistance on High Voltage Equipment

**Question.** Type of Earthing on HV System. Function of NER./Type of Earthing on Steering Gear Motor?

**Question.** Condition of Assignment.

**Question.** Type A and Type B ship. B-60 and B-100 ship

**Question.** Ship Constriction Plan. Contents

**Question.** Biofouling Management Plan - Entries made in manual.

**Question.** Block Chain Technology and how it is used in Marine Field.

**Question.** Requirement of IWS.

**Question.** CIF and FOB.

**Question.** Various methods of Charter

**Question.** Contract of Affreightment.

**Question.** CBDR.

**Pranav**  
**Internal Mr.Shirish Kumar Sir**  
**External..Mr.Upendra Kumar**

Attempt no.3

Result: Pass

Give brief technical introduction of yours

**Question.** definition of GA/ Give me examples of GA/ Who all contribute to GA

**Question.** P& I what is P and I?

- Question.** What all liabilities covered under P&I ?
- Question.** What is Omnibus clause?/ Give examples of Omnibus clause?
- Question.** What are goal based standards? On what type of ships are the applicable?/ What are functional requirements of Goal based standards?/ Are the applicable to new ships or applicable to old ship?
- Question.** What are contents of eedi tech file?
- Question.** What are energy saving devices you will propose to improve eedi of your ship?
- Question.** What is PR 17?
- Question.** MEPC 79 what all was discussed and what all is adopted?

**Alston Ambrose**  
**Attempt no: 3**  
**Result: reappear**  
**Internal sirish**

- Question.** Imsbc code latest amendment
- Question.** Eedi tech file contents.
- Question.** Calculation of eedi.
- Question.** Nox tech file content.
- Question.** Ce on second hand ship isps implementation
- Question.** Mepc 79 amendments all of them.
- Question.** Contents of SRP.
- Question.** Cbd
- Question.** Scopic clause complete. Award calculation.
- Question.** Omnibus cover
- Question.** Blockchain and uses.
- Question.** Tacit acceptance.

Introduce yourself, After brief introduction, I said sir this is my 4th Oral attempt. Then he started Oral.

**Question.** Time charter speed requirement is 15knots, your speed is coming only 10-12 knots. You have to write a letter to company giving reasons and your findings. What you will write.?

X questions

- what you will check in engine performance.
- How you will calculate SFOC
- How you will calculate slip. Which data you will refer.
- From which data you will refer that ship hull is fouled

**Question.** Do you know what is propeller curve? Explain in detail

X questions

- What is on x-axis and what is on y-axis
- What is LR margin-Exact value(%)
- What is Heavy running margin- Exact value(%)
- What is Engine margin- Exact value(%)

**Question.** Your vessel is going for sea trials. As a C/E what all sea trials you will witness in engine room.

X questions

- What document you will refer.
- What tests carried out on main engine during sea trial.
- How you will do sea trial of windlass

**Question.** Main engine cylinder heads are cracking frequently. As a C/E how you will present your findings to company.

X questions

- What is bad quality fuel.
- What you check in cooling water analysis.
- What are the values of different parameters.
- What chemical you add to cooling water.

**Question.** What is LRIT. What it reports. To whom it reports. What is reporting frequency. What is long range.

**Question.** Your charterer have supplied bad fuel and main engine is damaged who will pay for the damage.

X questions

- To whom you will report
- In case of time charter, to whom you will report

**Question.** What fuel standards you are using onboard.

X questions

- What are the changes from last version.

**Question.** What type of vessels you have sailed-Crude and product tankers.

X questions

- You had BWTS onboard
- Explain ballast water performance standards.

**Question.** Your vessel is going for DD in 6 months and BWTS to be installed on your vessel.

- As a C/E how will you decide what type of treatment plant to consider.
- What all things you will consider wrt installation.

**Ext Mehrotra Sir + Upendra Sir**

Alok Alhat

Shirish kumar

Ext: Upendra Kumar

**Question.** what is cargo liquefaction

**Question.** diff between time and bareboat charter.

**Question.** modern technologies to improve engine efficiency.

**Question.** sea trial tests for engine room.

**Question.** rudder repair

**Nov 2022**

**Avinash Singh**

**Mr Vikrant Rai and Mr Melhotra**

**Result: Pass**

- Question.** LNG tank construction
- Question.** Marpol Annex 6 regulation 28 what is about ,what we calculate, formula and what is at top and bottom
- Question.** low CII is good or high,
- Question.** How to improve CII if rating is low
- Question.** Alternate fuel and names
- Question.** Ship Due for special survey, how to extend it .how many days we can extend.
- Question.** intermediate survey extension possible and how many days ?
- Question.** BWTS non functional, what has to be done
- Question.** TQM and application on board ship
- Question.** Principles of TQM
- Question.** Difference bet TQM and ISM
- Question.** PR 17
- Question.** Scopic clause covered under which Article
- Question.** vessel to be recycled as chief engineer how to prepare
- Question.** after getting **IC (IHM Certificate)** , obligation as chief engineer
- Question.** Subrogation and types of subrogation
- Question.** Most critical point during DD related to stability
- Question.** How to identify critical equipment onboard

**Forwarded from Deepak Gupta**

**Attempt: First**

**Ext: Mehrotra Sir (very supportive)**

**Int: Vikrant Rai Sir**

**Mehrotra Sir**

Introduction about yourself Type of vessels Sailing after class 2

Written result (appeared in Nov itself, so result not yet announced)

**Question.** IMSBC Code in detail. Various Groups. Example of Group B & C. What is TML & FMP For what purpose. What is TML is high/What is Dynamic Separation./Effect on vessel?

**Question.** Triangle assigned to Bulk Carriers (what does it signify) What are the restriction?

**Question.** MEPC 78

**Question.** TQM, principles of TQM

**Question.** Difference between ISM & TQM

**Question.** Subrogation in Insurance and it's type?

**Vikrant Rai Sir,**

**Question.** Vessel is 15 years old, unable to maintain CII, what can be the reasons, what all factors are not in the hand of ships crew, what will u as a CE do to reduce CII

**Question.** Vessel on a Ballast Voyage, BWMS fails, how to deal with it, what all permission recorded, what is Ballast water Management plan and its content?

**Question.** Marpol Annex 1 criteria for discharge of bilges in Special Area, what is Enroute?

**Anurudh Sahu**

**Internal: Vikrant rai sir**

**External: Upendra kumar sir**

**19.09.2022**

**Question.** TQM, how to apply on ship as CE.

**Question.** TMSA and its various elements

**Question.** Scopic clause, and ship owner duties, if amount from article 13 more than how is it calculated

**Question.** Management techniques used by chief engineer-

**Question.** Bunker checklist missing, how to close NC.

**Question.** PR17

**Question.** Complaint fuel not available, how to go about it.

**Question.** Bareboat charter explain

**Question.** What is COA in chatering

**Question.** Various subcommittees of IMO

**Question.** Various instruments under III code-

**Question.** Msc 105, when did it happened and outcome.

**Question.** Solas chapter 14.-polar ship requirements

**Question.** Propeller curve all points, torque rich condition, why sea margin, how much, why engine margin.

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**Avinash singh.**

**19.9.22.**

**upendra kumar / vikrant rai.**

**Question.** LNG safety.

**Question.** Time charter speed not matching action as ce.

**Question.** Running down clause.

**Question.** Convention India not ratified.

**Question.** What is p&I and covers.

**Anbhav Rai**

**Vikrant and upendra kumar.**

**Question.** Oprc.

**Question.** Substandard ship.

**Question.** Lay time and lay days.

**Question.** Fire structural plan/what all information.

**Question.** If you are going to Los Angeles continuously what all documents need to be submitted.

**Question.** Which ship can be Indian registered ship.

**Question.** TQM.

**Question.** Correct fuel bunker standard being used what is the difference.

**Question.** Cross head bearing damage how will you get to port.

**Question.** Cross curve of stability.

**Question.** ISPS how will you implement on new ship.

**Question.** Preliminary inquiry.

**Question.** Latest MEPC MEETING.

**Question.** How Will you reduce nox emission.

**Question.** What is CCAI.

**Question.** How you get registered in irs.

**Question.** What management techniques will you use as C/E.

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**Moazzam**

**Internal : MR Vikrant Rai**

**External : MR Upendra**

- Question.** Draw Propeller curve and engine layout curve. Cross Question like LR margin, Sea Margin, Engine Margin,
- Question.** Peril Included in P&I. Omnibus Cover and example.
- Question.** Types of ship acquisition
- Question.** MSC 105 in brief.
- Question.** IP code and applicability.
- Question.** Process of Carbon capture and sequestration.
- Question.** Taking over as CE and no CE present onboard. Vessel at anchor very short time.
- Question.** How much AE how much load and consumption there in port or at sea. Which document it will be given.
- Question.** Describe IMO structure. How many members
- Question.** TMSA. why is it used and what are the parts included.
- Question.** HSSC introduction. What surveys included ?
- Question.** PR 17.how the report is made? Who the report goes to?

## Ameet dusal.

- Question.** ME & Convention engine difference also pump difference. Sulzer engine.
- Question.** STCW code or convention. Chapters in stew. Ch 7 & 8 in details. How many codes
- Question.** BWM D1, G6, 7,8,9.
- Question.** solas ch 14 and polar code ch in detail.
- Question.** Load line convention and requirement / applicability. How to do load line survey.

Aug 2022

## Mehrotra

Clint Coutniho (Int Gopikrishna Sir , Ext Mehrotra Sir + Upendra Sir)

- Question.** Salvage convention, difference between salvage and towing? Contents of LOF?
- Question.** SCOPIC
- Question.** CIF and FOB, if cargo transported from foreign to India which is beneficial?
- Question.** Types of insurance - what is covered under H&M and P&I?
- Question.** If compliance bunker is unavailable and you have a voyage of 10 days - action as CE.
- Question.** recently bunkered fuel BDN shows S = 0.48%, lab report shows 0.54%, what action as CE?
- Question.** CII E ratings -action as CE
- Question.** Different costs?
- Question.** Hague Visby rules
- Question.** GBS - different tiers
- Question.** if damage to main engine due to poor bunker, under which insurance is it covered?
- Question.** Load line survey - What all checks in E/R ? What is Type A, Type B?
- Question.** What is CBDR?

Manuj Singh (Int: Gopikrishna Sir, Ext Upendra Sir and Mehrotra Sir)

- Question.** CLC 92, all tiers and contributors.
- Question.** Bunker convention, usual questions - why, when, where?

- Question.** conditions of assignment of loadline.
- Question.** Type A and Type B ships. B-60 and B-100 bulk carriers
- Question.** Implementation of ISPS onboard
- Question.** Implementation of ISM onboard
- Question.** Mid sea M/E OMD alarm. On checking found cross head pin, cross head bearing and guide shoes damaged. What to do? how to reach port?
- Question.** What is PR17?
- Question.** Meaning of triangle on the side of Bulk Carrier.

Gopikrishna Sir

- Question.** What is SCOPIC

### **Rajendra Chaudhary (Int Gopikrishna Sir, Ext Upendra Sir)**

Types of vessels sailed

- Question.** Container ship going to California, what all things to comply?
- Question.** Flag state duties and responsibilities
- Question.** Types of steel
- Question.** Use of HTS steel
- Question.** M/E piston seized at midsea. Actions as CE
- Question.** In Water Survey requirements
- Question.** IMO GHG strategy/Candidate measures
- Question.** HSSC and cert under it
- Question.** HKC preparation for IRRC and actions as CE

### **Varun Patwardhan (Int Gopikrishna Sir , Ext Upendra Sir & Mehrotra Sir)**

- Question.** HNS Convention
- Question.** Methods of ship acquisition
- Question.** Sea trial tests
- Question.** Details about OPRC convention
- Question.** ISPS on new ship and 2nd hand ship

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**Question.** Sister Ship Clause

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**Sylvester Andrade (Int Gopikrishna Sir, Ext Upendra Sir)  
External**

Types of ship sailed as 2E

**Question.** Different types of charterer and functions

**Question.** IMO's full structure and India's stand in it. explain category 1,2 and 3 in the council.

**Question.** Function of MEPC

**Question.** III Code in detail and which convention it covers?

**Question.** Unseaworthy and Unsafe ships. exact definition.

**Question.** CIC - how will you as CE ensure no deficiency in STCW

**Question.** PSC - why required and details/Vessel is detained for wrong reasons - how will u go about it?

**Question.** Energy Efficiency Technologies

Internal

**Question.** What is CBDR?

**Question.** Functional Requirements of ISM

**Question.** As a CE, how will you prepare your vessel for Right Ships?

**Date-16-08-2022 Result-Repeat**

**Internal-Gopikrishna sir**

**External-Upendra sir Mehoratra sir Gopl Krishna sir-**

Type of vessel done and told me Upendra sir will continue with orals

Upendra Sir-

Type of vessel

**Question.** Dry Docking

**Question.** EDD

**Question.** Type of insurance

**Question.** Principle of insurance

**Question.** Explain Principle of Subrogation & Principle of Proximate Cause & question on P&I

**Question.** Explain CIF FOB

**Question.** Explain Condition of Class

**Question.** Fuel is with sulphur content more than global limit Action as C/E

**Oct 2021**

**Date : 21/10/2021**

**Internal : ashish wankhede**

**External : mehrotra**

Date : 21/10/2021

Internal : ashish wankhede

External : mehrotra

Intro in detail

1. Major incident on your ship during career.

**Question.** RCA, Correction, corrective action and preventive action

**Question.** Detainable deficiency with examples

**Question.** If vessel arriving port and you found lifeboat engine is not working. Action as chief engineer

**Question.** While taking over 2nd hand vessel action as chief engineer...

**Question.** ISM certification for new take over vessel

**Question.** How will you prepare a vessel for recycling as a chief engineer.

**Question.** If a vessel has ratified BWM convention and vessel arriving in Argentina (who has not ratified convention) will PSC check for BWM compliance ???

**21.10.21**

**-Dilip Mehrotra and Ashish Wankhede**

**-Attempt 4**

-Pass

1- Intro , Ship types done, pre sea , experience , written status

2- Failing questions from last time. Told him Fire division definitions he stopped me mid way through the definitions and said just tell me

**Question.** purpose of A class division.

**Question.** Checks to be made at shore connection box before dd ?

**Question.** Types of fixed ff system worked on ? CO2 fixed ff sys maintenance? What is the weighing reqt.?

**Question.** ME lube oil consumption going up , action as CE? ME lube oil consumption increases?

**Question.** Decarbonisation action taken by marine industry ? Latest developments ?

**Question.** No more favourable treatment ? What position does Indian psc take if foreign ship calling port does not comply with bwms ?

**Question.** E/R crane checks before piston overhaul. What certificates you will check?

21.10.2021

Int. Wankhade Sir

Ext- Dilip Melhotra Sir

Brief intro - said what he asked

Result: Pass(1st Attempt after Joining HATC)

**Question.** Before ship going to dry dock, As C/E what will you brief to your junior/Engine staff about safety.

**Question.** Before undocking, what checks to be carried out with respect to propeller & rudder.

**Question.** Latest regulation for special area w.r.t Annex VI.

**Question.** Indian flag ship went to Singapore, Whether singapore PSC will check for BWMS on board the ship?

**Question.** Explain no more favorable treatment.

**Question.** How many limit switch in lifeboat & their functions

**Question.** Check to be carried on E/R crane before decarb

**Question.** Latest amendments w.r.t Annex V ? What change in record book w.r.t. above amendment.

**Question.** Main engine system oil consumption high ?

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21/10/2021

Int: Wankhade Sir

Ext: Dilip Melhotra Sir

\* Introduce yourself and experience as 2/e.

**Question.** Safeties on chemical tanker.

**Question.** Limit switches on life boat- location + functions.

**Question.** decarbonization or decarbonisation

**Question.** MBM .

**Question.** Hole on sea chest, Action as CE.

**Question.** MNC example, Action as CE.

**Question.** Fire pump not working at arrival port, As CE how will you present the in front of CE

**Question.** ISM audits.

**Question.** BWMS fitted on last ship, safety check as CE, what PSC will check.

Wankhade Sir int  
Dilip Melhotra Sir ext  
Result :Pass

Brief intro, written results, how many attempts?

1. accident or incident on your ship

2. Could system on ship? I said bulk system so he asked

**Question.** how we know how much CO<sub>2</sub> to release in each compartment? What are the maintenance routines done on bottle systems?

**Question.** Sea trial reason and tests.

**Question.** Fire in dry dock what you will do? What are the documents you will give the fire fighting team.

**Question.** Checks on shore power junction box before we reach dry dock.

**Question.** New marpol annex v and iv amendments..

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**Question.** Out of 3, 1 gen is not working, can you take over and where is it written?

**Kushal Arora**

**Attempt:5**

**Mumbai Mmd**

**Lng steam candidate**

**Ext: Dilip Melhotra sir**

**Int: Wankhede sir**

Started with checking if Indos number which is mentioned in CDC ,  
Wankhede Sir could not see my video to which he confirmed from Dilip Sir and he said Okay ..and Orals started on casual note ..  
Where do u stay .. temperature .. must be cold here .. etc etc ..where did u do your pre sea .. which year .?  
What type of ships ? Why only steam ?? Why did not appear for motor ?  
What were failing questions last 2 attempts ..what did u do after these attempts ..?

**Question.** What is action as CE on grounding ?

**Question.** How will you know ISM implemented ?

**Question.** How will you familiarise yourself with bulk carrier ..?

**Question.** Annex 5 of Marpol .. what are the latest ammendments. ?

**Question.** Unclos Why it is required ?

**Oral 21 October 2021**

**Mumbai mmd**

**Internal:Ashish Wankhede Sir**

**External:Dilip Mehrotra Sir**

Document verification asked me to show Indos no. in CDC, as I am having old Cdc, Indos no. Is not mention their, then ask to show passport and coc, Indos no. Neither mention on coc.

Introduction in detail. Which year came to shipping.

Which year cleared class 2

When did you class 1 cleared written. which type of vsl sailed and which all companies.

Did you sailed with multinational crew.

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- Question.** What all difficulties with multi national crew and how to overcome as c/e.
- Question.** How will you implement smc on ship.
- Question.** Check for full term smc and interim smc as c/e.
- Question.** Importance of intermediate audit.
- Question.** What is de carbonization of shipping sector.
- Question.** How to achieve de carbonization.
- Question.** What are Future fuels?
- Question.** PSC inspection. What all things psc looking for during round.
- Question.** How many MOU are their?
- Question.** What all Difficulty with fuel change over in ECA area after introduction of 0.5% sulphur fuel
- Ashish sir
- Question.** How to prepare vsl for drydock as c/e

[Forwarded from Pramod Kapale]

Date: - 27 Sep 21

Time: - 1400 Hrs

Duration: - 43 Mins

Attempt: - First

MMD: - Mumbai

External: - Mr. Mehrotra

Internal: - Mr. Wankhede

Ship Type: - Product Tanker

All the questions were asked by Mr. Mehrotra except the last two which Mr. Wankhede asked himself.

Q1. Introduction. Starting from cadet ship till 20 month exp as second engg. What all emergencies you have seen in the career.

**Question.** How will you prepare vessel for SEQ?

**Question.** Your last ship was a takeover (which I told him) so how you will implement SMS before sailing.

**Question.** Last ship notation and from there went to ESP, purpose, types of survey.

**Question.** What all conventions regarding environment.

**Question.** Last ship – EEXI requirement, MEPC 76

**Question.** What is MOU, how many MOU, what is the purpose

**Question.** Have you heard of BLUE card, cross questioning on CLC why is it required, limit.

Wankhede sir intervened & asked 2 questions.

**Question.** Salary not paid 3 months & food quality is very bad.

**Question.** 2E is a lady of other nationality and not getting respect and being mistreated.

[Forwarded from Ritesh]

Date : 27/09/2021

Attempt 1

Internal : Wankhede sir

External : Don't know

Introduce yourself, which Company and college

Experience at second engineer -12 months

Types of ship - Chemical tanker

Asked about attempt number and written result ... I told I gave written last week and awaiting result

**Question.** How you'll train a junior engineer onboard ?

**Question.** Prepare vessel for Seq survey

**Question.** You are entering dry dock and water is being pumped out ; as a CE your most important check before and after

**Question.** explain imo conventions related to pollution any two

**Question.** Ism code ...explain mnc nc and observation

**Question.** Explain features in you as CE

**Question.** Boiler being made ready for survey ,what will you do ? Wants to hear about Gas checks

**Question.** Latest technologies to reduce CO2 emissions... explained CII

**Question.** What is the meaning of “decarbonisation “ in GHG strategy  
External told wait for Wankhede sir

Wankhede sir : Are you confident to take over as chief engineer ?  
I told yes straight forward

**Question.** You joined onboard and found the second engineer is not having a valid CoC ...your action ... How you'll apply for dispensation ,put second as oicew

**Question.** Explain Managerial and leadership skills as CE

**Question.** Tqm

**Question.** CO2 checks and what will be your action if out of 200 bottles 50 bottles below 90%... explained the calculation part as taught by Rajiv sir .

Internal asked which attempt and status of writtens and when signed off.

**Question.** Explain Eca rules fuel latest amendments,

[Forwarded from Diwakar R]

27.09.2021

Mumbai

Intl : Wankhede

Extl:

Intro, exp as 2E, types of ships

Major incident faced as 2E. How you tackled?

**Question.** Taking over vessel as □□. What's your immediate concerns.

**Question.** Name codes wrt environment pollution.

**Question.** Explain BWMS onboard. Maintenance schedule. Did PSC check? What they checked-

**Question.** HK convention- in general. Who has ratified, India's stand, IHM . What you had onboard in this regard

**Question.** Regarding Quality of fuels- what's going on in the industry.

**Question.** Measures to counter GHG. What measures you followed onboard.

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**Question.** Latest technology in use

**Question.** MBM in ports etc..

**Question.** List the MOU's

**Question.** PSC - name some deficiencies you have faced? What is the common format of the form used by PSC.

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