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**7718065806**

FOR ANSWER

**Contact 7718065806**

**Nov 25.**

Int: Kamath sir

Ext: Gadkar

**Question.** Total Quality Management (TQM) Principles and their Application by a Chief Engineer

**Question.** GBS and Application

**Question.** Time charter and responsibility of owner /Charter

**Question.** LLMC convention

**Question.** low sulphur fuel disadvantages

**Question.** Alternate Fuels

**Question.** G8 ,G9 , Active substances

**Question.** No bonding wire on deck what will you do

**Question.** Hole on deck, preparation, plate selection, 3rd party assigned what to check, how to cut /weld, when you will come to check their welding or at what stage (After root run), Gauging.

Gadkar & Kamath

**Question.** Special survey

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

**Question.** Taking over of 2nd-hand ship – what all will you check

**Question.** Hague and Hague-Visby

**Question.** UNCLOS – Article 94 and 217

**Question.** Requirements for RO as per RO Code

**Question.** Pre-swirl devices

**Question.** Hull optimization

Internal – Kamath sir

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**Question.** Anchor stuck at inner anchorage, what to do in heavy weather, winches not working

**Question.** Cabin not as per MLC requirement, What actions to do if your ship gets a detention or a deficiency

28th Nov 2025

Internal - Kamath sir

External - Gadkar sir

**Question.** B60 and B100

**Question.** Common structural rule

**Question.** Human element, human error and human factor

**Question.** NEMA

**Question.** Djibouti code

Kamath sir

**Question.** NIR

**Question.** Propeller curve and its significance. Went on to ask about how to decide the size of propeller

**Question.** Deck audit – what all to check (He is looking for opening meeting)

**Question.** UNFCCC, Kyoto protocol, Paris agreement

**Question.** Scope of PSC survey, how different from FSI

**Question.** Element 8 detailed description

**Question.** Arbitration and its scope, details of the arbitration Asked about ARIAS also

**Question.** P&I club details about the calls

**Question.** Lifeboat and rescue boat requirements

**Question.** Loadline survey, renewal survey – what all checks

**Question.** Acceptance criteria for a convention

**Question.** Why Hong Kong convention came in force

**Question.** Difference between protocol and amendment

Int: Kamath

Ext: Gadkar

**Question.** Parametric rolling, countermeasures

**Question.** Noise code – full details, applicability, sound level measurement, etc

**Question.** Criteria for PSSA

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**Question.** Straight, Stale, e-bill of lading

**Question.** Greenhouse gases, examples, Kigali amendment

**Question.** ICC and types

**Question.** Not able to heave up anchor – your action as CE

**Question.** CII and SEEMP relation

**Question.** Principles of insurance. What is principal of contribution

**Question.** ESP applicability criteria. Preparation for ESP as a CE

**Question.** High skewed propeller

**Question.** GA, PA

**Question.** Incinerator requirement n documents as per MARPOL

**Question.** Difference between RO and Class

**Question.** PR17

**Question.** JIT in inventory

**Question.** IACS roles (UI, UR, PR) + examples

**OCT 2025**

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22/10/2025

Internal:Chaki

External: gadkar

**Question.** Condition of Class ? When given?

**Question.** GA and PA

**Question.** Bill of lading

**Question.** PR17

**Question.** Warranties And Types

**Question.** Fuel oil analysis report show high carbon content residue and high catfines action as chief engineer

**Question.** Emergency fire pump requirement as per SOLAS

**Question.** Role/Purpose of PSC

**Question.** What is JIT?

**Question.** Explain SCOPIC.

**Question.** What changes are required to use a lifeboat as a rescue boat?

**Question.** What is TQM and chief engineer role? Difference between TQM and QMS?

**Question.** A ship is detained by-PSC. What would you do as a CE? How does a detention affect the flag state?

**Question.** How to optimise ship's hull?

**Question.** What is a pre-swirl device?

**Question.** Difference between RO and class.

**Question.** Compensation conventions.

**Question.** Noise survey

**Question.** Oprc convention

**Question.** ghg strategy

**Question.** Maritime lien

**Question.** Annex 6 certificates and issue of ieec.

**Question.** GBS

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**Question.** As a CE prepare for ESP survey...background of ESP code....documentation....different survey scope.....

**Question.** Difference between class and RO...touched RO code

**Question.** Oprc...agencies involved...framework.....

**Question.** Propeller curve.....

**Question.** Role of flag state.....

**Question.** Kpi as per III code...

**Question.** Fire detection system for cargo hold onboard ship

**Question.** Ship registration procedure

**Question.** Duties of Flag

**Question.** LLMC

**Question.** Arbitration

**Question.** Internal audit of deck as CE

**Question.** Wreck convention

**Question.** Difference between EEDI and SEEMP. Is SEEMP part of SMS?

**Question.** ESP Details

**Question.** GBS details

**Question.** London Convention details

**Question.** CII all ratings

**Question.** What is SWOT.

**Question.** In OPRC flag states duty

**Question.** type of chemical tanker

**Question.** what is high skew propeller? How it reduces vibration

**Question.** 3 convention related to cargo oil liabilities? (HNS he doesn't accept) What is persistent oil?

**Question.** difference between hague and hague-visby

**Question.** scope of safcon survey? Preparation for safcon? What you will check on structure?

**Question.** content of EEXI technical file? Who will approve EEXI technical file?

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**Question.** Condition for withdrawal of Class

**Question.** Principles of marine Insurance, Explain each one

**Question.** Warranties and Types

**Question.** Prepare for ESP survey as chief engineer

**Question.** Maritime lien

**Question.** ALARP

**Question.** Liability Conventions dealing Cargo

**Question.** Unseaworthy ship definition

**Sept 2025**

Int: A Chaki sir, Ext: Gadkar sir

Introduction: vessel type and experience as 2E

**Question.** Chemical tanker discharge criteria and everything related to chemical tankers including certificate of fitness and P&A manual.

**Question.** Fail analysis?

**Question.** Fatigue failure? Component affected?

**Question.** Microbiological degradation? What precautions we are taking onboard to prevent this?

**Question.** Propeller efficiency reduced, reason?

**Question.** PSC major areas to inspect? Which convention and regulation regarding this?

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**Question.** Latest CIC (Concentrated Inspection Campaign)? Detail and area of focus?

**Question.** Principle of salvage?

**Question.** Wreck convention? Document related to wreck convention? Latest in this as per MS Act-2025 wrt Opt-in & Opt-out in this convention?

**Question.** How will you conduct internal audit of deck department?

**Question.** Nema

**Question.** SCOPIC & LOF?

**Question.** Types of marine insurance? principles of marine insurance?

**Question.** Critical equipments?

Aug 2025

Gadkar sir and kamath Sir

**Question.** LLMC and which all claims covers By LLMC

**Question.** Explain common structural rules of IACS

**Question.** TQM principles and significance to Ch Engineer

**Question.** Advancement in design of propeller Design

**Question.** Imo Goal based standard explain in In details

**Question.** How to de rate main engine

**Question.** Propeller curve significance to chief Engineer.

19.08.25 – Int: Satish Kamath, Ext: S Gadkar

**Question.** What is OPRC? Is India party to it and what does India have in its legislature for its compliance?

**Question.** Which are the cargo oil pollution compensation conventions. What are the differences b/w CLC vs fund, fund vs supp fund.

**Question.** What are requirements under SAFCON pertaining to E/R.

**Question.** As a CE how will you implement TQM onboard.

**Question.** Principles of TQM.

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**Question.** What is ESP.

**Question.** What is dirty bill of lading.

**Question.** What differentiates Between RO and class. Requirements for becoming an RO.

19.08.25:Int: Kamath sir, Ext: Gadkar sir

Room inspection, asked to share screen.

Which ship.

How many months as 2E.

**Question.** Tail shaft monitoring. Explain tail shaft survey. Can you extend the survey?

**Question.** Unseaworthy ship as per MS act.

**Question.** How will you check if ship is following Hong Kong convention. IHM part 1, 2 and 3 in detail.

**Question.** What information propeller curve is giving you?

**Question.** What details you get in fire protection plan answer w.r.t structural protection?

**Question.** Why you do accumulation pressure test on boiler?

**Question.** PSC found an ISM related MNC, what actions as chief engineer? What are the consequences to flag state because of this MNC. Difference between preventive action and corrective action?

What is NIR and type of ship?

**Question.** Responsibilities of flag state as per UNCLOS.

**Feb 2025**

internal- Chakkl sir

External- Gadkar Sir

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Mumbai MMD,

Result- PASS

Introduction, type of ships sailed- Chemical, experience In 2nd engr.

Questions-

**Question.** Chemical ship types - type 1/2/3. explain constructional differences. IBC code Ch-17 what is the purpose, Cat of cargos

**Question.** Do chemical tankers carry heating cargo? I explained yes and monomer styrene cargo named it

**Question.** How to decide which type of ship will carry which cat cargo.

**Question.** You are going to take over a 2nd hand ship from another company what need to check specifically for CE point of view.

**Question.** After taking over ship, V/L owner wanted to put vessel on time charter what will be you do as a CE. explain about On hire survey.

**Question.** Explain ICC clauses.

18/02/2025

Gadkar & Chaki Sir

Type of vessel after class 2- Container & Bulk carrier

**Question.** GBS In detail

**Question.** LLMC In detail

**Question.** What Is Unseaworthy ship as per MS Act? Difference between Unseaworthy and Unsafe Ship?

**Question.** As a CE, how will you prepare your vessel for survey as per Marpol Annex VI?

**Question.** What is FONAR & Its purpose? Full form of FONAR

**Question.** Incinerator requirements as per Marpol annex Vf?

**Question.** What Is IMO doing about GHG emissions from shipping?

**Question.** IWS Survey requisite.

Rakesh Sharma 18.02.2024.

Gadkar and chald sir

**Question.** Seemp ail part

**Question.** Eexi and cii. with formula, Relation b/w seemp III and Cii. How to implement seemp III.

Multiple Landline in detail. Subdivision load line. Type B-100 and type B-60 ship.

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**Question.** EEDI reference line how it was drawn.

**Question.** Wreck convention.

**Question.** Who is responsible for implementing/maintaining load line certificate on board ship

**Question.** Ism latest amendments.

**Question.** What are the policy under p&i, what it cover ?

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

18.02.2025

IntChakki

Ext: Gadkar (All questions by Ext only)

Started with Introduction.

**Question.** Parametric rolling, all about it.

**Question.** TQM vs QMS. / Implementing TQM onboard as C/E.

**Question.** Pre Swirl Devices.

**Question.** G8 and G9 BWMS guidelines.

**Question.** ALARP

**Question.** Hull Body Optimization.

18.02.2025

Int Chakl

Ext: Gadkar

Introduction: Types of vessel after 2E Attempt Number ?

**Question.** ESP

**Question.** NEMA

**Question.** TMON

**Question.** PR17

**Question.** PSSA

**Question.** Propeller Advancement

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**Jan 2025.**

Suyash 24.01.2025

Int. Chowdhury Ext: Gadkar

1st attempt

**Question.** Type of ship as per load line

**Question.** London convention

**Question.** Human element, human efforts, human factor

**Question.** How to reduce frictional resistance of hull

**Question.** PR17

**Question.** GA and PA

**Question.** GBS

Adnan Sagheer 24.01.2025

Internal: Arvind sir External: Gadkar Sir

Arvind:

**Question.** Main disadvantage of lng as fuel.

**Question.** Exact crank angle at which gas injected in Gas engine.

**Question.** Latest Ammended regarding Cyber security.(Not listening to SMS inclusion something new has come)

Gadkar

**Question.** Iws survey

**Question.** Maritime lien

**Question.** Flag state criteria for giving authority to RO.

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**Question.** Suspension of class reason.

Tanay Sharma

Date: 24/01/2025

Int: Arbind Chaudhary Sir Ext: Gadkar Sir Attempt: 1

Result : Pass

Types of vessels done : Oil/Chem Product tanker

Which Attempt

**Question.** Types of conventions Covering liability and compensation and difference.

xq. How Funds are collected for above mentioned conventions.

**Question.** OPRC convention

**Question.** Responsible authority in India for OPRC

**Question.** What is unseaworthy ship as per MS act

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

**Question.** All Principles of Insurance/ What is Subrogation

**Question.** Why SDA Analysis is carried out

What are lab methods used to test and frequency of test for above.

**Question.** Pre swirl Devices.

**Question.** Criteria for PSSA

Jayesh Sankholkar Internal-praveen hair sir

External-gadhkar sir

Introduction and vessel done

External-

**Question.** ESP in detail, how to carry out survey

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**Question.** Latest ammendments in ism code

**Question.** IWS and EDD

**Question.** TMON in details

**Question.** Imo guidelines on cyber security

**Question.** Fixed fire fighting CO2 10 year maintenance

**Question.** Latest ECA area added

**Question.** OPRC in detail and India's regional cooperation

**Question.** Possible reasons for DOC to get suspended

**Question.** Common structural rules

20 Jan 25

Ext: Gadkar Sir

Int: Praveen Nair Sir

when did you clear Class 2 which attempt

when was the last attempt written result

Which type of ship is done in which rank

**Question.** 3 cargo oil convention pollution explain clc

**Question.** latest propeller advancements what is skewed propeller

**Question.** how cii related to seemp all seemp parts

**Question.** key elements of ism

**Question.** unseaworthy ships as per ms act

**Question.** basic insurance principals

**Question.** how as Ce implement Cybersecurity onboard

rNikhil Aitawade 20.01.2025 'ntemal : Nair dernal :

Gadkar

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1st Asked by internal :

**Question.** Type of ship done : Gas carrier  
Ethane cargo as well as Fuel as propulsion.

**Question.** explain Relique plan, Cascade system, Safeties, Boiling pt of ethane, Refrigeration system in relique plant, Which refrigerant used, Cargo containment system, GTT tank structure. IS ,IBS what it is?

**Question.** Related to gasfuel , FGSS system ,working, safeties. etc  
From Gadkar

**Question.** PR1 7 ? who report?

**Question.** Authorities given by flag state to RO, what are Criteria to become RO, Where is the reference?

**Question.** Common structural rule ? what is this?

**Question.** what is Djibouti code of conduct?

**Question.** Pre swirl devices ?

**Question.** PSSA criteria? Newly added PSSA?

**Question.** HKC how to prepare ship for recycling?

**Question.** CDTR

**2024  
Dec**

Gadkar , int- arbind chaudhary

**Question.** Disponent owner in bareboat charter.

**Question.** Maritime lien.

**Question.** Audit on deck as c/e.

**Question.** NEMA standards.

**Question.** Ism latest amendment.

**Question.** Ism element for galley.

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**Question.** CSR.

**Question.** Multiple load line.

**Question.** Human element, error, factor.

Suraj Sasidharan 19/12/2024

Internal: Choudary sir External: Gadkar sir, Attempt: 2

Introduction. sailing exp, type of ships...

**Question.** SEEMP, part 1,2,3,

**Question.** LLMC in detail.

**Question.** Procedure to put vessel on time charter. C/e responsibilities.

**Question.** Hongkong convention..

**Question.** IMO GHG strategy in detail.

**Question.** Hague vs Hague visby..

**Question.** safcon renewal survey procedure.. CE duties....

Firoz Hussain

internal: Arbind choudhary

External: Gadkar sir

**Question.** Criteria for pssa

**Question.** why the concept of segregated ballast tank came.

**Question.** What is permanent ballast?

**Question.** Djibouti code

**Question.** Ro code

**Question.** IWS criteria

**Question.** IMO Conventions covering oil pollution compensations. and some

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2024  
NOV

Gadkar question

Praveen N Date 21 nov 2024 Internal chakki External Gadkar 2nd attempt

**Question.** Principles of TQM

**Question.** What is maritime lien

**Question.** Duties of c/e in time charter. Procedure to put vessel on time charter

**Question.** RO code, What is RO

**Question.** Hull optimisation, purpose

**Question.** Scope of SEQ,

**Question.** 5 yearly routine of LB.

Omkar shetye

Gadkar sir external. Internal A Chaki sir

**Question.** What is ESP and how will you prepare?

**Question.** GBS

**Question.** LLMC

**Question.** Arbitration

**Question.** Polar code

**Question.** Vessel came out of dry dock, not picking up speed , action as a chief engineer.

**Question.** At port duty officer reported oil sheen near stern tube. Action as a chief engineer.

**Question.** General average

**Question.** Noise code

**Question.** Cross curve stability, Why KN cross curve is required

**Question.** Subdivision loadline

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**Question.** ALARP

**Question.** supplementary fund details, from where the funds are generated

**Question.** limitation of tanks in oil tankers

Gaurav Guleria 21/11/2024

Inter chaki sir External gadkarsir

written result and which attempt, what type of ship

**Question.** parametric rolling

**Question.** IMO GHG Strategy

**Question.** propeller advancement

**Question.** How as chief engineer you will implement cyber security onboard

**Question.** multiple load line

**Question.** internal audit as chief engineer

**Question.** condition of assignment

**Question.** Lloyd open form

**Question.** types of warranty

**Question.** fuel Oil ccr content is high action as chief engineer

**Question.** type b60 and b100 ships

**Question.** csr of iacs

**Question.** Oprc role of flag state .contact point in india and authority

**Question.** Unseaworthy as per ms act

**Question.** Nema

**Oct**

**Attempt 1**

**Internal : Praveen Nair**

**External : Gadkar**

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Introduction, Which Company, Rank, Type of Vessel-Bulk Carrier, Written Result

Internal Asked - Why not you have sailed in Tankers

**Question.** Just in Time Inventory. As a Chief Engineer How you will apply

**Question.** TQM, How as Chief Engineer you apply TQM onboard ship

**Question.** Goal Based Standards

**Question.** London Convention

**Question.** EEXI. In details

**Question.** Latest Amendment on Incinerator

**Question.** Latest Amendment of Annex VI

**Question.** Scope of IAPP Survey

**Question.** IIEC certificate. How you will get.

25.10.2024

External Gadkar Internal- pravin

Attempt 1 Written result

Types of ship sailed

**Question.** Requirements for TMON, records to maintain notation.

**Question.** What is Nairobi convention, documents required to be onboard.

**Question.** what is ESP. applicability. Requirements..

**Question.** Difference between aux steering and emergency steering

**Question.** Requirements for survival craft as per Solas

**Question.** What are the effects of psc detention on flag state.

**Question.** How to measure static and dynamic stability

**Question.** What are cross curves of stability.

**Question.** What is propeller curve and significance to CE.

**Question.** Three conventions for oil pollution compensation applicable for oil tanker and explain.

**Question.** TQM as a Chief Engineer.

**Question.** Djibouti code of conduct

**Question.** Imoghg strategy

**Question.** OPRC

First contact point in India

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Which authority in India responsible?

**Question.** Difference between RO and class.

Requirements to for organisation to become RO

Internal :- pravin nair

External:- S.Gadkar

Nair started with asking abt the attempt numbr, written results and type of ships i have sailed post class2, i said chemical

**Question.** Types of ships under LL

2. x qts abt type a, b and b60 and b100. Wasn't getting satisfied saying this class2 level answer

**Question.** Maritime lien, example k saath i explained.

**Question.** ICC clauses

**Question.** Chemical tanker types, 1,2,3 differences.

**Question.** withdrawal of class, reasons.

**Question.** PSSA, told def. In lay man language and added latest mepc 82 addition , xq- full form of PSSA

**Question.** Seemp part-III, told- cii applicability, reporting,rating,g1-5,AER,cgdist.,xq- is it a part of sms in ism -I said no because it's reporting only . I don't is it right or not.He didn't say anything.

**Question.** SDA,interval of sda & test procedure

**Question.** PR17

**Question.** ways to reduce hull resistance

**Question.** principle of insurance,xq-what is subrogation

**Question.** registry of ship

**Sept**

**Question.** difference between SEEMP and EEDI?

**Question.** As CE now will you Implement Cyber security onboard?

**Question.** Principle of insurance?

**Question.** Convention related to carrying oil as a cargo

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**Question.** flag state duty as per OPRC, Indian authority deals with oil pollution

**Question.** Significance of propeller curve

**Question.** Hull optimization

**Question.** Noise code applicability, measurement Measuring instrument hear conservation program

**Question.** How will you implement TQM onboard

**Question.** LLMC limits and applicability

**Question.** V/L out of DD, reason for fuel consumption increases

**Question.** Propeller immersion

**Question.** London dumping convention

int-chaki sir Ext-Gadkar 23/09/2024 Attempt-2

**Question.** Imo ghg strategies

**Question.** PR17

**Question.** Propeller curve significance to chief engineer

**Question.** Oprc

**Question.** Maritime line

**Question.** Steel grade, high tensile steel

**Question.** CIC PSC inspection

**Question.** Just in time inventory mgmt

**Question.** Unseaworthy ship as per ms act

**Aug**

Gadkar sir

Result- Repeat

**Question.** Conditions for Intact and damage stability.

**Question.** Requirements of IWS. Why surveyors allow for IWS on what conditions?

**Question.** Marpol Annex 6 for Requirements of Incinerator.

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**Question.** LLYODS Open form and Scopic clause relation between them. Advantages and Disadvantages of Scopic clause for owner or Salvor.

**Question.** Difference and applicability for IGC and IGF code.

**Question.** MS act explanation of Unseaworthy and Unsafe. Difference and which section.

**Question.** What are Notations ?

**Question.** Hongkong convention from Recycling yard view Requirements and administrations role?

**Question.** TQM and Tmon. What

**Question.** IACS common structural rules ?

External: Gadkar sir Internal: Nair sir Result: Repeat

**Question.** IAPP, survey preparation, other certificates in Annex VI, BDN Retaining period, f.o sample retaining time, Incinerator document required.

**Question.** Demurrage.

**Question.** Elements of PSC.

**Question.** Unseaworthiness of vessel.

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

**Question.** Reserve buoyancy and buoyancy difference? More cross question.

**Question.** Solas latest amendments as per survival craft. I started with the maximum lower speed formula.

**Question.** Purpose of registry of vessel. Other cross questions.

Ext :-Nair sir Intgadkar sir Result:- Repeat

**Question.** Maritime lien, In rem and in personam

**Question.** Tmon requirement

**Question.** Propeller curve significant to C/E

**Question.** IWS requirement

**Question.** Hart protocol

**Question.** Human element. Human factor and human error related to maritime accident

**Question.** Pri swirl propellor

**Question.** 10 year inspection of co2

**Question.** Different between GZ and KN curves

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Int: Nair Ext: Gadkar Result: Repeat

**Question.** 3 conventions regarding oil pollution damage. Explain each in details. Did not except Bunker convention and said supplementary is Protocol. I Got confused.

**Question.** HKG convention, did not wanted to listen SRP and recycling stuff. Only IHM 1 in detail.

**Question.** Djibouti code of conduct in detail.

**Question.** What is subdivision index.

**Question.** Effect of PSC deficiency on Flag state. I started telling flag action, got angry.

**Question.** How to implement Cybersecurity on board as CE.

**Question.** Purpose of registration of ship.

Internal: Nair sir External: Gadkar sir Attempt 1

Written result: FAIL Result: Pass

**Question.** Withdrawal of class

**Question.** Principles of insurance

**Question.** SUBROGATION

**Question.** Difference between seemp and eedi

**Question.** Seemp all 3 parts explain

**Question.** Cll explain

**Question.** Principles of tqm

**Question.** GBS

**Question.** Requirement for class to become ro

**Question.** ALARP

**Question.** Vessel out of dd, fuel consumption high reason

**Question.** Action as CE Defects on propeller

**Question.** Significance of propeller curve for ce

**Question.** Requirement for lb to become rescue boat

**Question.** Intervention convention

**Question.** Alternate fuels

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**2024  
June**

Q1, what conventions deal with oil pollution compensation?

Q2, what is the difference between these conventions?

Q3, which is the authority which deals with oil pollution in India?

Q4, what is ESP?

Q5, what documents are required for MARPOL Annex 6 renewal survey?

Q6, what certificates are issued or renewed in MARPOL Annex 6 survey? Q7, What are the prerequisites before issuing IEEC certificate?

Q8, what is SEEMP? Q9. what are the difference grading under CII?

Q10, what are the advantages of propeller curve to a chief engineer?

Q11, what is weather routing?

Q12, what are the principles of insurance?

Q13, under what circumstances the SMC DOC or the COC is withdrawn?

Q14. what documents are related to Hong Kong Convention?

Q15, how many parts are there in inventory of hazardous materials?

Q16. EEDI applies to which ships?

Q17. Marpol annex VI renewal survey,

Q18. Crankcase explosion, injury to oilier, claim process

Q19. Scavenge drain analysis,, what are the analysis methods,

Q20. UNCLOS

Q21. What is IACS

Q22. class certificate withdrawal

Q23. ISM elements as C/E

Q24. ESP in detail

Q25. Vessel is going to be on time charter , responsibilities as chief engineer

Q26. What is EEXI technical file

Q27. GBS

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- Q28. TQM implementation as chief engineer
- Q29. what is LLMC and claim values
- Q30. What is Noise code, equipments used for measurement
- Q31. what IMO is for GHG reduction
- Q32. OPRC purpose, documents onboard

**2024  
April**

Mr Chaki

Surveyor? Gadkar?

**Question.** Coc and memoranda

**Question.** Interim doc , how will you prepare a vessel

**Question.** Going to drydock, what checks will you carry to receive shore power

**Question.** Huge vibration on the ship, what will be your action?

**Question.** Test on lifeboat davit

**Question.** Intervention convention

**Question.** Oprc convention

**Question.** Alarp

**Question.** Eedi eexi eeoii

**Question.** Management functions

External: Gadkar.

Internal: Gopikrishna.

**Question.** Objectives of Ism.

**Question.** Tailshaft survey method. What u instruct second engg to check for clearances.

**Question.** How class is approved as RO. RO code.

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**Question.** Functional requirements of Ism.

**Question.** General Average and Particular average.

**Question.** Loadline renewal survey what things you will check.

**Question.** what is special survey.

**Question.** Clear ground

**2024  
March  
Ext - Gadkar  
Int - Chaki**

Introduction, Experience as 2nd Engineer, type of vessel sailed.

**Question.** ESP in details, Chief Engineer role for ESP? What is close up survey?

**Question.** RO code in details.

**Question.** What do you understand by Inventory Management. Your role as CE. What is Just in time inventory?

**Question.** Difference between PSC and FSI.

**Question.** What is CIC, duration of CIC, who decide CIC?

**Question.** What is unsafe and unseaworthy ship as per MS rule

**Question.** Explain BWM convention, what is D1, D2 standard?

**Question.** Explain EEXI, EEOI, CII in details.

**Chakki and Gadkar sir**

**Question.** What is ESP and how will you prepare?

**Question.** GBS

**Question.** LLMC

**Question.** Arbitration

**Question.** Polar code

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**Question.** Vessel came out of dry dock, not picking up speed , action as a chief engineer.

**Question.** At port duty officer reported oil sheen near stern tube. Action as a chief engineer.

**Question.** General average

**Question.** Noise code

**Question.** Subdivision load line

**Question.** Fatigue on machinery

**Question.** PR 17

**Question.** Lifeboat engine damaged. Action as CE

**Question.** H. W. rules

**Question.** Structural fire plan.

**Question.** Significance of propeller curve

**Question.** Continuous synopsis report

**Question.** What does H& M doesnt cover..

**Chaki sir and Gadkar sir**

**Question.** PA manual

**Question.** Noise code

**Question.** LLMC

**Question.** Latest amendment of Annex 6

**Question.** SEEMP

**Question.** GBS applied to wic ship nd hw implement

**Question.** Propeller curve, how you related

**Question.** As a CE what are things send in noon report

**Chaki and Gadkar Sir**

**Question.** Principles of Insurance

**Question.** Hull Optimization

**Question.** Weather routeing

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**Question.** JIT inventory technique

**Question.** EEXI, EEDI, GHG emissions and 2023 IMO GHG Strategy

**Question.** Convention providing compensation for oil pollution when carried as Cargo, difference between CLC92 and Bunker Conventions, Liabilities, limitations, exclusion, insurance

**Question.** Fund convention, contributions, limitation

**Question.** MEPC 80

**FEB 2024**

**Int:- Chaki Sir**

**Ext:- Gadkar sir**

**Date:- 20-Feb-2024**

Attempt : 3

**Question.** propeller curve as per CE?

**Question.** What is SEEMP and EEDI difference in specifically , he need one major difference.

**Question.** Content of EEXI technical file and EEDI tech file

**Question.** Just in time inventory

**Question.** OPRC - obligation of flag state and coastal state

**Question.** CII details

**Question.** psc detention , what effect will be the flag state of the vessel .

**Question.** London convention and prohibited list examples and allowed list .

**Question.** TQM implementation as a ce

**INTERNAL : Aniruddh Chaki Sir**

**EXTERNAL: Gadkar Sir**

**Date: 20.02.2024**

Attempt : 1

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-Introduction and Experience

**Question.** RO And Class difference

**Question.** Class qualities to become RO

**Question.** RO Code, in depth

**Question.** GBS

**Question.** LLMC, in Detail

**Question.** Maritime Lien, in detail

**Question.** Ship came out from DRY DOCK, fuel consumption increased, Actions as CE

**Question.** IAPP survey preparation as CE

**Question.** Incinerator Latest Amendments

**Question.** What is Green House Gas, what is GWP?

**Question.** ALARP

**Internal: Shrish sir**

**External :Gadkar sir**

Asked brief introduction & type of vessel , Experience after class 2.

**Question.** Difference between H&M and P&l. What all is covered under H&M.

**Question.** What is meant by scopic clause. Article 13 & 14 with example.

**Question.** As a chief engineer how u can reduce Cll.

**Question.** IMO GHG EMISSION strategy as adopted in MEPC 80 & different between old.

**Question.** Polarization index.

**Question.** VDR , What all it stores and what is data stroage requirements.

**Question.** PSSA.

**Question.** Subrogation.

**Question.** Can class detain a vessel.

**Question.** What procedure to be followed after vessel detention.

**Question.** PR17

**Question.** Running down clause.

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Mr gadkar brij and Gopi kishan

No of attempts -1

Gas carrier

**Question.** Types of p and I insurance

**Question.** Tank type for your last ship

**Question.** Hague Visby rule

**Question.** Total constructive loss

**Question.** Tbn high me sump oil analysis

**Question.** Tail shaft survey . Tmon notation

**Question.** Difference between ssa ssp and onsite survey

**Question.** Status of hkc has India acceded.

Gadkar sir, Gopi Krishna sir and one more.

**Question.** Life boat 5 yearly davit test

**Question.** after ratifying convention, what next

**Question.** OWS failure, action as CE and action as a CE after receiving spares and operational

**Question.** bunker convention in detail

**Question.** propeller curve , how you will use as CE

**Question.** coastal state duties

**Question.** Hong kong convention

**Question.** P & I

Result: Pass

Date- 16/feb/2024

External - don't know

Internal- shirish

**Question.** Chemical tanker according to solas?

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**Question.** What all instrument covers under Ill code?

**Question.** GA AND GA calculation rule

**Question.** PSC given code 30 what's you action and meaning and code 17?

**Question.** PSC expanded inspection

**Question.** What are clear grounds?

**Question.** Can a PSC detain a ship related to ISM deficiency ?

**Question.** IMO strategy related to GHG ?

**Question.** Alternate fuels

**Question.** Can class detain a ship ? What does class do if they find ism related deficiency?

**Question.** What is your recommendation to you supdt regarding the paint for fuel consumption reduction before going to dry dock ?

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

**Question.** Article number of coastal duties as per unclos

**Question.** Ro code under which instrument and which section ?

**Question.** Institute hull clauses

**Question.** Difference between H&M and P&I ? Is Collision/liability a standard clause or not ? What does P&I cover?

Devender Pathania

23 Jan 2024

Inter Mehrotra

External Gadkar

**Question.** Which is latest convention of IMO?

**Question.** IMO WEBSITE what all there?

**Question.** How amendment comes into law in India

**Question.** Interim DOC PROCEDURE

**Question.** bunker more than 0.5 sulphur

**Question.** Flag state responsibilities

**Question.** Psc latest documents / Psc FORMS A&B

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**Question.** CII Rating details

**Question.** Newly joined and liner to be lifted.... What all certificates you will check on the crane

**Question.** Intermediate and annual survey scope for IOPP.

**Dec  
2023**

Rajat Dhiman  
Ext: Gadkar, chakki

**Question.** LLMC

**Question.** Noise code

**Question.** MEPC 80

**Question.** ALARP

**Question.** Insurance basics

**Question.** PR 17

**Question.** Seaworthiness as per MS act

**Question.** Owners obligation toward crew.

Neeraj Rahi 19.12.2023

Internal: Arbind Kumar Choudhary Ext: Don't Know,

**Question.** Model Test What Material & What All Things You Will Get from Model Test

**Question.** What Is TPC

**Question.** Fal Convention, All Forms, Single Maritime Window

**Question.** Wager Policy Block Policy

**Question.** Propeller Crack, How You Will Carry Out Repair

**Question.** Dock Docking Plans

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**Question.** Condition of Class,

**Question.** Suspension of Class

**Question.** What Is PR Number for Transfer of Class

**Question.** Procedure For Suspension of Class

**Question.** Procedure For Change of Flag

**Question.** Ism Functional Requirement & Content

**Question.** NC, MNC How to Go About It What Action

**Question.** Memoranda,

**Question.** CLC, Bunker

**Amol Chavan**

**Date: 20 Dec 2023 Internal: Aniruddh Chaki sir External: Gadkar sir Attempt: 2nd**

Introduction and attempt details. Written result. Experience as 2e.

**Question.** Tell me the exceptions given in mlc work rest schedule.

**Question.** Contents of eexi file.

**Question.** Cii calculation and grading.

**Question.** PR17

**Question.** H&M AND P&I claims

**Question.** Marine insurance in detail right from insurable interest to reasons, why marine insurance is different than other form of insurance.

**Rajesh**

**Question.** GA and PA

**Question.** H&M exclusion

**Question.** static stability and dynamic stability

**Question.** propeller efficiency factors

**Question.** what is call

**Question.** psc under which convention

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**Anand Sathyamoorthy**

**Question.** Charter types..

**Question.** Inferior quality of fuel causes damage to fuel in time and voyage., what type of insurance would cover it

**Question.** Cyclo converter

**Question.** HV system safety

**Question.** Amendment in Solas effective from 2024

**Question.** List of all certificates which have annual certificate

**Question.** Lr margin HR margin/Sea and engine margin/Prop curve significance

SUNIL KUMAR  
CHAKKI GADKAR

**Question.** ESP

**Question.** GBS

**Question.** LLMC

**Question.** ALARP,

**Question.** NOISE CODE .

**Question.** QMS, TQM , ISO

**Question.** IEEC,

**Question.** DERATING

Soumya Ojha  
Gadkar

**Question.** OPRC Reporting procedure in India coast,

**Question.** TQM,

**Question.** RO code in details, accredited body,

**Question.** Oil pollution liability,

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**Question.** Alternate fuel and methanol..

Internal: Arvind Chaudhary sir

External: Mr. Gadkar sir

Result Repeat

**Question.** How will you prepare your vessel for ESP as a chief engineer? What is close up survey in it? What arrangements are made for close up survey?

**Question.** What do you understand by LLMC?/It is applicable to what type of claims?

**Question.** Latest requirements of IMO as per MARPOL annex VI ?

**Question.** What is Condition of assignment.

**Question.** What Is Scope of loadline survey. And also from engine department point of view also, what is Scope. ?

**Question.** Difference between weather tight and water tight ? How will you test them, testing procedure for weather tight and water tight

**Question.** What is purpose of carrying out port state control inspection? As per which convention, It Is carried out?

**Question.** What are duties of flag state to make sure that their vessel is in compliance with IMO requirements?

**Question.** As a chief engineer, how will you prepare your vessel for annual SAFCON survey? Scope of annual SAFCON survey. Who will carry out SAFCON survey?

**Question.** How will you come to know as a Chief engineer, existing conditions of class for vessel? What is Condition of class? What is maximum period allowed for condition of class?

Chirag Miglani  
Gadkar and Chowdhury

**Question.** Nox reduction method

**Question.** Bwts D1 D2 stdrds

**Question.** Scr in detail and catalyst used

**Question.** Fmea

**Question.** How you prepare vessel for time charter

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**Frank Raval.  
Gadkar and arvind sir**

**Question.** EGR, Drawbacks

**Question.** Tests carried out on engine in running condition

**Question.** Principles of TQM/ TQM. role as a CE

**Question.** Additional survey and reason

**Question.** OPRC Convention

**Question.** DMLC 1 and 2

**Question.** Demurrage and dispatch

**Question.** Responsibilities of charterer and owner

**Lokesh Babu  
Internal- Choudhary Sir  
External - Gadkar Sir**

Result\* Pass

**Question.** Difference between TQM n ISM

**Question.** Difference between TQM n QMS

**Question.** Role as CE wrt TQM

**Question.** Who Is client for CE

**Question.** Spl survey

**Question.** CSM n CSH

**Question.** How will u instruct 2/E for boiler survey/How to repair if thin down of material between boiler shell n connection to main steam stop valve

**Question.** Types of class survey

**Question.** Risk Assessment methods

**Question.** Class n RO difference.

**Question.** RO code

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**Satish kumar pandey**

**Internal : chaki sir**

**External : gadkar sir**

Chaki sir started with written results n oral attempt number n thn asked gadkar sir to take over

**Question.** RO code purpose , difference in class n ro , structure of ro code in details

**Question.** Shell expansion plan details what all co ordinates/ Grades of steel

**Question.** ghg strategy what all in initial and mid term ghg Asked in details eedi cii

**Question.** hongkong convention , responsibilities of ce how to go abt thm

**Question.** cross curves of stability significance

**Question.** llmc limits n what all covered under llmc

**Question.** Fire protection plan contents

**Question.** cbdr significance

**Question.** esp documents

**Question.** gbs

**Nikhil Carey**

Internal: Choudhary sir, gadkar sir and I think it was Srivastav sir Result: pass

Started by asking me to introduce myself

**Question.** What is ESP and how as CE you will prepare the ship for esp survey ?

**Question.** What is IACS ? What types of surveys do they conduct and what's its role in the IMO?

**Question.** What is GBS and how are they implemented ?

**Question.** H&M and P&I club explain them to me ?

**Question.** Generator is damaged along with injury to crew member how as a CE will you proceed in handling this situation wrt to machinery / insurance and morale of crew members onboard ?

**Question.** Explain SEEMP, how many parts are there, EEXI and CII asked about ship rating as well.

**Question.** What is noise code? How to implement it

**Question.** Unseaworthy and unsafe ship in which section of Ms act and proper definitions.

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**Question.** Turbo charger advancements.

Ext: Gadkar Int: Choudhary & Shrinivas

**Question.** Registration of ship in detail

**Question.** BIMCO indetails

**Question.** LLMC

**Question.** IAPP survey

**Question.** Condition of Assignments in detail

**Question.** Propeller curve significance to chief Engineer. how will use it

Gadkar sir and Arvind Kumar choudhary

**Question.** Gbs

**Question.** Why eedi phases differ , why 5% for some ships , why 10% for some , why 20% for some

**Question.** 0.53 marpol fuel what you will do

**Question.** You have come into port with all tanks full and port says no reception facility

**Question.** Why will tonnage certificate be cancelled

**Question.** What is hard stop in sea trial ( he didn't accept crash stop as the answer)

Rameez khan.  
Int arbind k chaudhary  
Ext. gadkar sir.

**Question.** SMC DOC, Reason for withdrawal.

**Question.** Oprc in detail, provision in india.

**Question.** Derating.

**Question.** Tqm action as c/e.

**Question.** diff between tqm and qms.

**Question.** Diff between ro and class.

**Question.** Ro code in detail.

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**Question.** Pr 17.

**Question.** Seemp part 1, how it is verified,

**Question.** Weather routing in detail. Purpose.

**Question.** What is the aim of ghg

**Question.** General average. What all condition for general average to take place. How to calculate for general average.

**Question.** functions of psc. Why psc is needed.. What does a psc do?

**Question.** Recycling in india in brief. Has India ratified Hong kong convention.

**Question.** Bwts. Have u encountered any problem Has India ratified. What provisions if a country has not ratified the convention  
What does psc check in relation to bwts.

**Question.** Port reception requirement What happens in port reception

Ritesh Singh

Attempt: 2nd

internal Chaudhary sir

external Gadkar sir

Brief Introduction

**Question.** inventory control system. what is just in time in inventory control system

**Question.** Define salvage

**Question.** Define General average

**Question.** What is Maritime lien

By Gadkar sir

**Question.** As per solas what is the requirement of life boat

**Question.** Scopic clause

**Question.** What maintenance you carry out in life boat at 5 year.

**Question.** Explain propeller curve in detail and what is there in x axis and y axis

**Question.** How Salvage is calculated

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**Swapnil M. More**

**24.04.2023**

**INT- Arbind kumar choudhary sir  
EXT - Gadkar sir**

Introduction and types of ships sailed.

**Question.** Condition of assignment? /which surveys for condition of assignment?

**Question.** loadline surveys for engine room part?

**Question.** sudden slowdown of main engine, Causes?

**Question.** condition of class? withdrawal of class?

**Question.** what is special survey?

**Question.** AFS Convention , and applicability, afs certificate who issues?

handed over to Arbind kumar sir

**Question.** how u will come to know after joining that sms is effectively implemented?

**20-03-2023**

**V**

**INTERNAL SHIRTS KUMAR  
EXTERNAL Gadkar**

Attempt - 2nd

1. No. Of attempt and TYPE OF VESSEL.

**Question.** Fixed co2 fire fighting system 10 yearly, routine.

**Question.** Life boat davit inspections and at what intervals.

**Question.** Static and dynamic load test in detail. In static after applying brake what you will check

**Question.** What is non conformity and who gives it.

Non-Conformity – A finding, discovery, incident or occurrence that has come to someone's attention that impacts the safety of the vessel, its equipment, personnel or the environment.

**Question.** What is CSM ? C/E role in CSM. Record under CSM

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**Question.** What is Condition of class and which authority gives it. Maximum Duration of COC. If not dealt in given time what are the consequences?

**Question.** Latest development in IMO GHG strategy.

**Question.** What are four pillars of IMO?

**Question.** Type of marine insurance?

**Question.** What is arbitration?

**Question.** What is scopic?

**Question.** What is P&I insurance?

20/03/2023

Internal-Shris Kumar Sir

External Gadkar Sir

**Question.** What is Risk assessment ?

**Question.** Condition of class....

**Question.** CO2 Flooding system.

**Question.** EEDI, EEXI, CII

**Question.** Certification as per ISM explain,

**Question.** Enclose space entry.

**Question.** LoadLine

**Question.** Lifeboat survey

**Question.** Fix fire fighting system annual and 5 yearly maintenance...

**Question.** Sulphure cap

**Question.** What is CII and rating.

**Question.** Which gases Check in Tank? before you enter in tank, precaution

**Question.** Annual and intermediate survey

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**Prashant Yadav**

**20-03-2023**

**INTERNAL - SHIRIS KUMAR Sir**

**EXTERNAL - Gadkar Sir**

**Attempt - 2nd**

1. Education back ground and TYPE OF VEsEL.1

**Question.** What is-SEEMP

**Question.** Nox latest, why important. Sox limit

**Question.** Loadline annual check

**Question.** Static and dynamic load test in detail

**Question.** What you understand condition of assessment.

**Question.** Vessel just came from dry dock fuel oil consumption increases what's reason & as C/E what take action.

**Question.** Inclined experiment.

**Question.** What is BWM Convention D2 standard . Difference between ViVal cell &non vival cell.

**Question.** What is GHG, How many have, How to control.

**Question.** What is Propeller cure

**Question.** SFOC calculation & unit

**Ryan**

**22.03.2023**

**Shrish kumar sir**

**Gadkar sir**

Shrish sir checked admit card and CDC then handed over to gadkar sir Gadkar sir,

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What type of ships sailed on? Expre as 2nd engr?

**Question. What is TQM, it's principles, as CE how you contribute to it?**

**Question. He asked about provision of OPRC? Asked if oil spill abroad then what will u do?**

**Question. Nairobi wreck convention?**

**Question. GBS standard / scf file content**

**Question. what is accumulation press test why we do how we do it?**

**Question. What is microdegradation of LO action how to take sample from where to take sample?**

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**Naveen Choudhary**  
**Feb 22**  
**Gadkar sir Sirish sir**

**Question. Eedi Eexi**

**Question. Ro code**

**Question. AER**

**Question. Cii CALCULATION**

**Question. CII rating Action on CE**

**Question. CO2 maintenance 10 yr / Hydrostatic pressure test**

**Question. Engine de rating Purpose of derating**

**Question. Ghg emission**

**Question. Mepc 79**

**Parbinder Singh**  
**21st Feb.2023**  
**Attempt 3**

**Internal: Chaki sir Externak Gadkar sir**

Started with Introduction.types of ships done -  
Containers.Chemical ,vicc and oil products.

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**Question.** Tell me types of ships as per chapter 17 of IBC code.

**Question.** What is special survey? What is its scope and what all you will check in documents and certificates?

**Question.** What Is difference between statutory and classification survey?

**Question.** Ro and classification society difference?

**Question.** General average and Particular average

**Question.** LOF and scopic.

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**Saurabh Suman**  
**21 Feb 2023**  
**2nd attempt**  
**Surveyor-chaaki**

**Question. CAS, why. Particulars**

**Question. Safcon survey in detail**

**Question. Inclusions n exclusions in LLMC**

**Question. CO 2 10 yearly maintenance told him about bottles hydrostatic test n etc**

**Question. Parametric rolling**

**Question. Seemp part 2 everything about it.**

**Question. Survival craft requirements as per Solas.**

**Rahul Shukla**  
**20 Feb 2023**  
**Gadkar and Chaki sir**

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**Question. Difference between Class and RO**

**Question. RO code Flag state authority delegation to RO**

**Question. What is statutory survey and certification**

**Question. Safcon Survey**

**Question. ESP Code**

**Question. Noise code**

**Question. GBS complete**

**Question. OPRC convention**

**2022  
OCT**

**Daleep Thakur  
28.oct.2022  
Shirish sir  
Gadkar sir  
Attempt 1  
Result- Repeat**

**Question. What all convention for oil pollution?**

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**Question.** Bunker convention?

**Question.** Clc 92 , who will pay, how fund is collected, fund convention, supplementary fund

**Question.** Loadline survey ? scope of load line survey? what u as ce will do??

**Question.** Life boat davit 5 yearly maintenance and inspection.

**Question.** What data collect by imodes, whom to report and when to report. What they will do with this data.

**Nithin Ullal**

**28.10.22**

**Gadkar sir Shirish sir**

**Attempt no. 3**

**Type of ship**

**Question.** Additional safety measures for bulk carriers

**Question.** Noise code

**Question.** Requirements for LSA equipments wrt solas

**Question.** Claims under llmc

**Question.** Esp

**Naveen New**

**28.10.2022**

**Gadkar sir Shirish kumar sir**

**Attempt 1**

**Result -repeat**

**Question.** damage stability criteria for bulk carrier

**Question.** Engine derating, process

**Question.** Esp

**Question.** Definition of hazardous materials

**Question.** As as ce how you ensure compliance of Afs

**Question.** GBS

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**Question.** Hongkong convention

28.10.2022  
Gadkar sir,  
Shrish Kumar sir.  
Attempt :1  
Result: repeat

**Question.** types of chemical tanker

**Question.** Pa manual (chemical tanker)

**Question.** statutory survey / class survey

**Question.** Hssc

**Question.** tell me about iacs

**Question.** Ro vs class difference

**Question.** special survey

Mangesh Raut  
28.10.22

Shishir sir Gadkar sir  
Repeat Attempt 1.

**Question.** EEXI/Cll

**Question.** Condition of class/ Withdrawal / suspension of class.

**Question.** OPRC convention.

**Question.** condition of assignment./ How u will check condition of assignment.

**Question.** As joining as ce how will you come to know condition of class imposed ?

**Question.** As ce how will you prepare e/room for loadline survey ?

**Devendra Pandey**

**27.10.2022**

**Int: Chakki Sir**

**Ext: Gadkar Sir**

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Gadkar Sir asked about experience after class 2 Coc

**Question.** QMS principles / TQM principles, how you implement TQM on board

**Question.** PR17

**Question.** Audit of deck department

**Question.** MNC definition as per ISM/ How MNC effect the ship and company/ After getting MNC what as CE you need to do/ What happen to ship after getting MNC/ Your ship got MNC how to downgrade to NC

**Question.** Prepare for Time charter of 2nd hand ship, how will go as Chief Engineer/ Time charter what comes under owner and charterer / how charter party is done

**Question.** What is unseaworthy ship

**Benson Sampath**

**Attempt:** First

**Result:** Repeat

**External:** Gadkar

**Internal:** Chaki

What type of ships after class 2, what rank how many months. Which attempt, written results.

**Question.** What is the role of IMO, functions, structure.

**Question.** What are conventions and codes explain.

**Question.** What is the difference bw TQM and QMS?

**Question.** What are the 8 elements of QMS?

**Question.** What requirements to use lifeboat as rescue boat?

**Question.** P&A manual - contents and use.

**Sanket 1st attempt**  
**Chaki sir and gadkar sir,**  
**Repeat**

**Question.** Ro and class survey,

**Question.** TCL

**Question.** Eexi/Cii

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**Question.** Llmc applicability

**Question.** Tmon

**Question.** Bdn requirements

**Question.** Alarp

**Question.** Arbitration

**Question.** Chief engineer noon chit

Roshan  
27-Oct-2022  
Int- Chakki  
Ext- Gadkar  
**Result - Repeat**

Introduction, written result, attempt, sea time after class2 and as 2E

**Question.** How shall you prepare for ESP survey as C.E/ What is substantial corrosion

**Question.** What are class surveys and statutory surveys, intervals and scope

**Question.** How will you advice 2E to prepare for SAFCON renewal survey

**Question.** Certificates under annex 6

**Question.** How to obtain IIEC certificate

**Question.** Drydock requirements, IWS, EDD, TMON, how to change aft seal

**Question.** Condition of assignment

**Question.** Watertight integrity test

**Question.** Unclos requirement for ships registration

Rajendra Choudhary  
External surveyor: Shri SS Gadkar Sir  
Internal Surveyor: Shri Aniruddha Chaki Sir

4th Attempt

**Result: Pass**

Types of the vessel sailed after class 2 Attempt no.

**Question.** Difference between load line of cargo ship and passenger ship

**Question.** Difference between RO and Class COC and time period

**Question.** Withdrawal and suspension with examples

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**Question.** tail shaft survey Methods, Perquisites Periodicity Extension/How to carry out survey

**Question.** IMO DCS methods for data collection SEEMP part 2

**Question.** Difference between EUMRV and IMODCS

**Question.** ILLMC what all covered limits and exclusions When they will got for ILLMC

**Question.** Grades of steel

**Question.** Standard fire test

**Question.** Structural fire plan details

**Question.** Name of the bulkhead between Accommodation and Engine room

**Lenon Colaco 25-Oct-2022**

**Internal Chakki Sir**

**External Gadkar Sir**

Chaki sir started how many attempts, when you passed written, why did you go for sailing in between\_  
Gadkar Sir

**Question.** what is TQM, how as CE you will implement TQM?

**Question.** difference between TQM and QMS

**Question.** if your vessel gets detained by PSC what is the effect on flag state

**Question.** what are the requirements for issue of IEEC certificate / what is eedi/what is EEXI/ seemp contents all three parts

**Question.** as CE how will you carry out internal audit of deck department

**Question.** your 25 year old ship is going for recycling. As ce how will you prepare

**Sept**

**Vicky Rodrigues**

**MUMBAI MMD**

**ATTEMPT 2**

**GADKAR SIR**

**Which company.**

**Experience as 2nd**

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**Question.** IMO DCS AND EUMRV.

**Question.** SEEMP PART 1, 2 AND 3 CONTENT

**Question.** CII FORMULA AND HOW TO APPLY

**Question.** HKC.. HOW TO PREPARE FOR SHIP FOR RECYCLING

**Question.** TQM AND HOW AS CE U APPLY

**Question.** 8 PRINCIPLES OF QUALITYMANAGEMENT

**Question.** OPRC AND CONTENT

**Question.** MLC TITLES

**Question.** LATEST IN FAL

**Question.** IMO STRUCTURE AND HOW AMMENDMENT COME INTO FORCE

**Question.** Parametric rolling .what action as chief engg

**VIKRANT RAI SIR.**

TYPE OF SHIP,  
EXPERIENCE,

**Question.** WHAT IS IOT/HOW DO U APPLY IOT

**Question.** ALTERNATIVE FUELS ..EXPLAIN PROBLEMS WITH HYDROGEN

**Bhuvesh kumaar.**

**Vikrant rai. Ghadkar sir.**

**Question.** IMO GHG.

**Question.** TQM and 8 principle.

**Question.** Seemp part 123 and formula for cii.

**Question.** Gbs and requirement.

**Question.** 5yearly tesing of life boat davits and 10 yrs inspection of co2 and regulation.

**Question.** Alarp.

**21/9/22.**

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**Vivek chaudhary.  
Vikrant rai. Ghadkar sir.**

Introduction.

**Question.** Eedi and eeo.

**Question.** TQM and 8 principle, diff bet tqm and qms.

**Question.** Nox tech file.

**Question.** Energy management manual.

**Question.** DD plan & records you will send before going.

**Question.** Conflict management strategy.

**Question.** Structural fire plan.

**Question.** Propeller curve what c/e will make out of it.

**Question.** Imo ghg strategy and mbm and cbdr.

**Question.** c/e role in hkc convention.

**Allison**

**21.09.2022**

**Internal....Vikrant sir,,  
External...Gadkar sir**

**Question.** what is TQM, principles, how as a C/E you would implement TQM onboard

**Question.** difference between TQM and QMS

**Question.** Difference between CLASS and RO

**Question.** RO code in detail...all three parts , oversight of RO

**Question.** If PSC comes onboard, how will you show compliance with BWMC

**Question.** What is ALARP

**Question.** What is EEXI and CII, in detail about different ratings, ways to achieve eexi compliance and getting the IEEC

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**All questions by Gadkar sir only.....  
Vikrant sir..asked just about**

**Question.** new energy regulations after 2023.

**Forwarded from Saanil.  
21.9.22.  
vikrant and gadkar sir.**

Intro types of vessel sailed.

**Question.** Esp what areas to check, as ce how will u prepare for esp survey.

**Question.** Ilmc details what claims under Ilmc.

**Question.** Clc vs bunker conv difference.

**Question.** TQM VS QMS.

**Question.** COC Examples of coc

**Question.** iacs brief detail,

**Question.** propeller curve significance to ce.

**Question.** Ship underway at mid sea suddenly slow down. Causes. What action as ce.

**Vikrant sir.**

**Question.** Ship getting repeated psc deficiencies cause. What action as ce to rectify.

**Question.** Vessel not able to maintain speed as per charter contract what action as ce. What could be the causes.

**Meghan chitnis.  
Ghadkar and wankhade sir.**

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1sst attempt.

**Question.** Your ship is in port and u notice the port side develop a crack 2m above load line what action as ce.

**Question.** You are in eng room and u observe the voltage is fluctuating and prime mover is speeding up and down action taken.

**Question.** Main engine unit cross head survey csm.

**Question.** Fob and cif.

**Question.** Eedi reference curve has parallel dotted line to y axis called cut Off line what is it for.

**Question.** Hkc details of srp.

**Question.** masters review what are the outcomes.

**Question.** What is safety related basic document that gives safety related operational requirements.

**Zain**  
**Chaki sir**  
**Gadkar sir**  
**Attempt 1**  
**Result : pass**

**Question.** Tqm principles and qms differences

**Question.** Seemp 1, 2,3

**Question.** Alarp

**Question.** How port state deficiencies affect flag state performance

**Question.** NIR for port state

**Question.** How to use lifeboat as a rescue boat

**Question.** Coc and what happens if not rectified

**Question.** Lifeboat davit 5 year testing

**Question.** Co2 testing 10 year

**Question.** Number of oil pollution liability conventions

**Question.** Difference between clc and bunker

**Question.** What all claims can be limited under llmc

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**Question.** What is persistent oil

**2022  
Aug**

### **Anmol (Int Chakki Sir, Ext Gadkar Sir)**

**Question.** TQM in detail. How to keep Your customers (external n internal) in TQM happy?

**Question.** What is EEXI, SEEMP, CII in detail

**Question.** RO code in detail

**Question.** HKC how to implement onboard? Part 1, 2, 3

**Question.** noon report purpose and what all things

### **Internal's quests:**

**Question.** Types of ships sailed : DSV DP2 ....

**Question.** FMEA trails for DP1, 2 & 3 ships. what all things you will check and how u go about it.

**Question.** Propeller curve , what all information do you get from it, what are the limits, how to find as a CE your limits

**Question.** Why RO and Class required, difference between both of them

### **Pulkit Chetan (Int Chakki Sir, Ext Gadkar Sir)**

- Introduction, rank, exp after Class 2, types of ship etc

**Question.** List 8 principles of TQM, for the C/E who is the client?

**Question.** How will you prepare for ESP survey as C/E - in detail?

**Question.** EEDI & EEXI, explain in detail. What is attained EEDI?

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**Question.** Explain ALARP

**Question.** Noise code - When did it come into force? how and where is noise measured? instruments, specifications etc

**Question.** Various tiers of oil pollution claims. (CLC / FUND / Supplementary). Diff between them

**Question.** Engine de-rating. Why it is done and how it is done?

**Question.** GBS - explain in detail

**Question.** IMO DCS - what data is collected, how and when is it submitted?

**Question.** SEEMP - contents of Part 2

**Question.** IMO initial GHG strategy

### **Jaydeep D (Int Chaki Sir, Ext Gadkar Sir)**

- Brief Intro

**Question.** TQM in detail

**Question.** Parametric rolling

**Question.** EEXI and CII.

**Question.** As a C/E how will you conduct deck dept audit?

**Question.** As a C/E how will you assist Master to carryout SMS review

**Question.** What will be your actions as a CE for parametric rolling?

**Question.** What is IMODCS and EU-MRV in detail?

**Question.** Propeller curve

**Question.** COC and Class withdrawal.

### **Internal:**

**Question.** What is the latest regulations wrt IMDG?

**Question.** What is verified gross weight?

## Ankit (Int Chaki Sir, Ext Gadkar Sir)

- Brief introduction
- Types of vessels sailed as 2E
- Written's result

**Question.** Quality management 8 principles

**Question.** SAFCON survey wrt engineering perspective

**Question.** As a CE, how will you prepare your vsl for ESP?

**Question.** Max Corrosion allowance allowed

**Question.** IMO GHG strategy

**Question.** CII in details

**Question.** Diff between IMODCS and EU-MRV in detail

**Question.** How is total fuel consumed for IMO DCS?

**Question.** 3 tiers of pollution and limits applicable, who all contribute to each tier?

**Question.** Persistence of oil definition

**Question.** Bunker oil pollution from oil tanker, what convention will apply?

**Question.** LLMC in detail

**Question.** LLMC for what kind of damages is applicable

## Sidharth Datar (Int Chaki Sir, Ext Gadkar Sir)

**Question.** Contents of SEEMP part 2

**Question.** How do you carryout power balancing of engine?

**Question.** Factors affecting efficiency of propeller

**Question.** Different types of warranty

**Question.** Different types of Bills of Lading

**Question.** How will you assist Master in the implementation of ISM onboard?

**Question.** Grades of steel

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**July**

**Sanket Gaikwad 19/July/2022**

**Int.-Arvind Kumar**

**Ext.-Gadkar.**

**Question.** What is smart Ship

**Question.** Pollution damage at port what all the conventions apply

**Question.** How to prepare for esp.

**Question.** Difference in Ro and classification societies

**Question.** Difference In TQM and QMS

**Question.** How will you carry out IAPP survey?

**Question.** What is greenhouse gas & why it is called greenhouse gas

**Mujib Bhatkar**

**Int.-Arvind Kumar**

**Ext.-Gadkar.**

Attempt: 1 Introduce Yourself

**Question.** How will you distinguish a New bulk carrier from old Bulk carrier

**Question.** Nairobi convention

**Question.** RO code

**Question.** EEXI

**Question.** IMO GHG startegy

**Question.** Derating

**Question.** TQM

**Question.** Time charter action as CE

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**Mukul Sareen  
Arbind kumar Sir and Gadkar Sir**

1st Attempt Introduction

**Question.** Risks covered under P&I and H&M?

**Question.** Under what circumstances insurance company will deny to pay the claim?

**Question.** What is seaworthiness as per marine insurance?

**Question.** What is Scopic?

**Question.** What is GZ and KN curves?

**Question.** Intact Stability code?

**Question.** PR17?

**Sandeep Magarde  
Arbind Kumar sir and gadkar sir.  
3rd attempt  
Introduction**

**Question.** Hongkong convention, certification procedure, documents, name any 5 HM

**Question.** ISM audit, MNC action ac CE

**Question.** PSC inspection, why, what is Concentrated inspection.

**Question.** What is CoC, during which survey COC is given.

**Question.** Development in Marpol annex 6,

**Question.** What is Eexi, CII,

**Question.** difference between IMODCS and EUMRV.

**Question.** What is content of BDN,

**Question.** FAL convention and latest in FAL convention.

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**Gopal Krishan  
Vikrant Rai Sir  
gadkar Sir:**

Type of ship and Experience as 2nd Engr  
Gatkar Sir:

**Question.** OPRC

**Question.** DERATING

**Question.** GBS

**Question.** IMO DCS & EU MRV

**Question.** NOISE CODE

**Question.** ALARP

**V.RAI Sir..**

**Question.** LNG BALLAST ARRANGEMENTS IF GROUNDING HOW WILL COME TO KNOW ABOUT HULL BREACH.

**Question.** ESD COMMUNICATION MEANS ON LNG BETWEEN SHIP & SHORE

**Bhupendra  
Vikrant rai sir, gadkar sir, upendra sir**

**Question.** Ship is grounded and taken to dry dock. Checks by CE in engine room in relation to grounding in dry dock

**Question.** TMSA, elements of TMSA. who carries out TMSA.

**Question.** Difference between classification survey and statutory survey. / examples of statutory surveys and classification survey.

**Question.** EEXI

**Question.** ODME? if ODME non operational, ship approaching port,action as a ce to deal with port state inspection.

**Question.** What if condition of class is not erased?

**Question.** Plans regarding OPRC convention.

**Question.** Checks in engine room in relation to SAFCON survey.

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**Question.** Accumulation pressure?

**Question.** Contents of SOPEP manual? Who approves SOPEP manual?

**Question.** If there is oil pollution from bunker tanks, which convention to apply?

**Question.** Provisions of Bunker convention?

**Question.** Checks on propeller? who will carry out repair?

**Question.** How will know ship is classed or not?

## **JUNE**

**[Forwarded from Umesh Naik]**

**Internal Vikrant Rai sir**

**External Gadkar Sir**

**First Attempt**

**Started with showing the room**

**Then CDC**

**Question.** Safcon survey

**Question.** Iapp survey

**Question.** Eedi and eexi

**Question.** Special survey

**Question.** Suspension of class

**Question.** Condition of class xq max time allowed for repair. If there's CoC and max time allowed is already passed suptd. is not responding what will you do?

**Question.** Shell plate damaged how will you go about repair? Type of weld, what type of chamfering, backgauging details, how will you weld, can onboard fitter carry out this weld,

**Question.** Class surveyor onboard for renewal survey and finds a major deficiency what will happens next. Xq where it is mentioned about actions class surveyor could take?

**Question.** Why psc is needed

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**Question.** Tailshaft survey xq. Intervals and max allowed interval how the extension is given, Tmon notation in detail

**Question.** Concentrated inspection campaign, details.

Then Vikrant rai sir asked only one question

**Question.** PSc, how do they decide on which ship to inspect

Noor Mohamed Salique Meerasa  
Examiners:Gadkar sir, Upendra sir. Vikrant sir.

Reply  
Attempt: 2

Questions,

1. What type of ship you salled,?

**Question.** What is ESP? How you will proceed as CE for ESP survey?.

**Question.** What is meant by risk assessment?.. Wht is ALARB in risk assessment?..

**Question.** What is IHM ?./ What survey u carry out under IHM?.. WAT CERTIFICATE covered under it?.. validity?..

**Question.** What is GBS?./ What requirements under GBS ?..

**Question.** What r the principles of QMS ?..

**Question.** Draw and explain propeller curve, engine performance curve?.. /Wat info u ill get from propeller curve ?.. why CE need tis curve?..

**Question.** Cylinder head frequent crack and replace ?.. reasons ?... what stress it undergoes?.. What human factor to check for cylinder head crack?..

**Question.** What is diff btwn IMO dcs and EU MRV?..

**Question.** What is the submission criteria and schedule for IMO dcs?..

**Question.** How u Ill calculate fuel consumption under IMO dcs and approved methods ?.. explain.

**Question.** Under which plan its IMO DCS covers and explain It?.. SEEMP II explain.. / Explain IMO data collection procedure and method?..

**Question.** ESP, GBS, comes under which IMO Instruments.?.

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Abhijit 21/06/2022  
Mumbai MMD  
EXT: Gadkar sir,  
Int: Vikrant Rai sir  
Result: Pass

What type of ship you salled. Written status by Vikrant rai sir

Gadkar sir:

**Question.** What is TQM, who is customer and what is CE role./what is QMS what is the difference between TQM and QMS.  
**Question.** TQM & QM difference  
**Question.** EEXI why when and formula  
**Question.** RO code in detail. Difference between class and RO.  
**Question.** Risk assessment detail procedure.  
**Question.** What is ALARP Theory.  
**Question.** Container ship latest regulation  
**Question.** Derating  
**Question.** SEEMP Part II criteria. IMO DCS Applicability  
**Question.** MLC implementation as CE  
**Question.** Noise code

Gadkar sir told to log out and join. Vikrant rai sir told I will ask questions

**VIKRANT RAI SIR:**

**Question.** What is the effect on flag If a ship is detained by PSC  
**Question.** Tell me 5 detalinalbe deficiency in ER (He wants physical components. No any documentalons related)

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**Forwarded from Pawan Kumar**

**22/06/2022**

**Mumbai MMD**

**Attempt:1**

**Internal: Gadkar sir External: Wankede sir**

Intro. Types of ship sailed. How many ships as 2nd Engr.

**Question.** Problems faced during your time as 2<sup>nd</sup>

**Question.** Fuel consumption increase causes

**Question.** Ship renewal what is it

**Question.** MNC and Detainable deficiency difference with example.

**Question.** Dry dock major conversions and how did you proceed.

**Question.** Shore power shafts

**Question.** Preparation for External Audit

**Question.** JUNIOR ENGR training how to proceed.

**Question.** Motivation and Importance

[April 2022]

**Forwarded from Arun Jadly]**

**Attempt 3 ( first attempt in october )**

**Internal : Jayant Mukhopadhyay sir**

**External : SS Gadkar sir**

**Question.** Tier of claims under Oil pollution claims;

X ques: difference between 3 , bunker convention and CLC difference.

**Question.** Statutory cert name any one.

X ques : Seq annual window and renewal window.

What checks under renewal.

Emergency fire pump capacity?

**Question.** LLMC what claims are covered.

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**Question.** What claims is not covered in Marine insurance?

Ans : war claims.

X ques : What claims are covered in marine insurance.

**Question.** What claims in Hand m , P andi

**Question.** Lifeboat 5 yearly check

**Question.** PSC what is the objective.

**Question.** Scopic in details

**Question.** tailshaft survey frequency.

[Forwarded from VARUN RANJAN]

[April 2022]

Orals attempt - 4

Total attempt - 6

Internal - Jayant Mukhopadhyay sir

External - S S Gadkar

**Question.** GA & PA definition, procedure for application of GA

**Question.** Arbitration in detail, what's the difference between arbitration and mediation

**Question.** Engineering elements of ISM

**Question.** Emergency preparedness in detail

**Question.** clear grounds by PSC

**Question.** What is the inspection criteria for PSC inspection

**Question.** liability convention along with compensation limits

**Question.** Nairobi wreck convention & applicability

**Question.** RO code

**Question.** TQM in detail

**Question.** TQM & QM difference

**Question.** CII/ Ratings of CII

**Mukhopadhyay sir -**

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**Question.** T/C damaged during manoeuvring ,action as CE

[Forwarded from Alok Kumar]  
18-04-2022  
Attempt - 4  
External – Gadkar Sir  
Internal – Jayanta Mukhopadhyaya

Result - Pass

**Question.** What is OPRC?

XQ – What is purpose of OPRC ?

XQ – What all in OPRC plan?

**Question.** What will you check before taking bunker.

XQ - What will you discuss in bunker meeting?

**Question.** Principle of TQM./xq what role of CE, who is Customer here.

**Question.** What is Grievance redressal as per MLC.

XQ – Rest hour as per MLC?

**Question.** What you know about ISM?

XQ – How many chapters in ISM ? Which chapter is most important for you, when join as CE?

**Question.** Responsibility of chief engineer and charter party for voyage charter.

**Question.** In which condition COC given? Your action as CE to handle COC?

**Question.** Dent in ship side? As a CE, your action? How and what will you Report and to whom ?

**Question.** What is IMODCS ?

XQ – How you report and what all data you send?

[Forwarded from Kaustubh Khargonkar]

23.03.2022

MMD Mumbai

Internal : A. Srinivasa Prasad

External : S. Gadkar

Attempt : 2

Result : PASS

External :

1. Introduction , experience , type of Ship , Type Of main engine worked on.

**Question.** What is non confirmity and major non confirmity . What are the consequences of MNC ? what do you mean by serious threat in ISM ?

**Question.** During the audit , your vessel received an MNC . Your Action as Chief engineer ?

**Question.** what is Corrective action and what is Preventive action ?

**Question.** What is the scope of P&I club ? What all things do they cover ?

**Question.** What is Scopic ? What is LOF ? Why there is requirement of SCOPIC ?

**Question.** What is requirement of PR 17 ?

**Question.** Your vessel came out of drydock recently and you realise that Your ME SFOC has suddenly rise. Your action as Chief Engineer ?

Internal :

**Question.** You are chief engineer of a vessel and there is a Job ahead of lifting main engine Cylinder head. How would you do risk assessment of the job ?

What are basis of making RA of any situation ( he wanted to hear word Hazards). How do you mitigate the hazards assosiated with the job and whats your Job as CE in Risk assessment.

**Question.** What all data is sent in noon report ?

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**Question.** How do you calculate slip of your vessel ? What all things you will check If your slip is Significantly greater than previous day ?

**Question.** What is Intact stability of a vessel . What all things do you calculate in Intact stability of vessel ?

**Question.** Draw a GZ curve and show point of Contraflexion, point of deck immersion and angle of vanishing stability on it .

**Question.** How do you find metacentric height from the GZ curve. What should be minimum metacentre of the vessel.

**Question.** What is Stable equilibrium , neutral equilibrium and unstable equilibrium of a vessel ?

**Question.** What is EEDI , Formula of EEDI and Unit of EEDI ?

**Question.** What is bunker convention and who is Liable.

[Forwarded from Romil Purohit]

23-03-2022

Internal : Srinivas Sir

External : Gadkar Sir

Attempt no - 1

Result : Pass

Started with document checks passport, cdc, coc, admit card. Then was told give intro. Type of ships sailed, types of engines worked on, experience as 2/E, which company, which attempt of orals, written status, Gadkar sir started.

**Question.** What is ctl and atl and its difference

**Question.** GBS in details

**Question.** Objective of ism code. Human element in ism code. Difference bet ism and ISO. Latest ammendments in ism

**Question.** Mnc and nc. Defination and how to deal with it both

**Question.** Coc how much time to clear it. If cannot clear within stipulated time what action as ce

**Question.** Contineous survey of machinery in details

**Question.** What info from quaterly class report.

**Question.** Leadership qualities of CE

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

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**Question.** Requirements to become an R.O. What functions does R.O carry out.

**Gadkar sir said to srinivas sir you take over.**

**Question.** Draw intact stability curve and plot all details and explain

**Question.** Co2 systems 10yr and 20yr checks

**Question.** What precautions as CE you will take before Co2 release

**Question.** Interpersonal conflicts how to resolve

**Question.** Rudder wear down how to check

**Question.** Propellor drop how to check. How to come to know from reading it's wrong or not

**Valentino:**  
**Date: 17/1/2022**  
**Int: Wankhede Sir**  
**Ext: Gadkar Sir**

**Question.** Types of insurance a ship requires.

**Question.** What is Goal based ship construction standards.

**Question.** Scope of annual SAFCON survey.

**Question.** Damaged stability criteria for Bulk carrier.

**Question.** What is non-conformity. What is major non-conformity. Definition.

**Question.** LLMC applicable to which claims.

**Question.** Bunker convention applicability.

**Question.** What is ship structural fire protection plan.

**Hariprasad:**  
**17/01/21**

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**Gadkar and wankede sir**

- Question.** Explain parametric rolling?
- Question.** What is subdivision index?
- Question.** What all entries you do in ORB.?
- Question.** What is the steel grades used in ship?
- Question.** How will you govern the ME and AE?
- Question.** How will you prepare your ship for dry dock?
- Question.** What is G8 and G9 standards in BWMS.?
- Question.** What is active substance?
- Question.** What will you check in sea trial?
- Question.** What is cross curves of stability?
- Question.** What is GBS?

A S:  
17/01/21

**Gadkar and wankede sir**

- Question.** Explain clc fund and limits
- Question.** propeller curve in detail torque rich condition
- Question.** functional requirement of ISM how to implement on ship
- Question.** III audit IMSAS
- Question.** GBS
- Question.** Scopic article 14 salvage
- Question.** DD in detail
- Question.** class surveys
- Question.** Annex 6 CII

**Clinton Dsouza:**

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**17/01/2022**  
**Mumbai MMD**

**Internal: Gadkar sir**  
**External: Wankede sir**

**Question.** ship on time charter role as chief engineer

**Question.** solas reg governing Aux engines

**Question.** Esp code

**Question.** R.O code

**Question.** Diff between RO and class

**Question.** NOx code

**Question.** what are contractual and third party liabilities

**Question.** Definition of NC and MNC

**Question.** As a chief engineer how will you prepare your ship for safcon renewal survey.

**[Forwarded from Tushar Metkar]**

**Tushar Metkar**

**Date - 17Jan 2022.**

**Attempt - 4th**

**Internal - Wankhede sir.**

**External -Gadkar Sir.**

**Question.** mlc implementation and procedure...

**Question.** Statutory and Class survey.

**Question.** special survey....coc...

**Question.** SUBROGATION

**Question.** III CODE....

**Question.** power balancing of ME....

**Question.** Microbial degradation of me lo... action as CE...

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**Question.** difference bet h,&m and p&i...

**Question.** implemenation of hkc...what's DAR...who is giving this policy ..

**Question.** psc objectives... regional cooperation...list of mou ..which is oldest... history....

[Forwarded from Trunal Mali]

Trunal Mali.

Date - 17Jan 2022.

Attempt -3rd

Internal - Wankhede sir.

External -Gadkar Sir.

**Question.** What do mean Special Survey.

**Question.** Difference. Statutory and Class survey.

**Question.** ME turbocharger surging action as Chief Engineer.

**Question.** What so mean Subrogation.

**Question.** What so mean CMS.

**Question.** How u will know items in CMS .

**Question.** Which all items can not be credited By CE.

**Question.** How to go for inventor oh Hazardour material.

**Question.** Defined Hazardous materia.

**Question.** DIff between H and M and P&I.

**2021**

**Nov**

[21.11.21 07:18]

[Forwarded from Shobhit Gupta]

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Attempt No.1 (Oral)/Mumbai  
External: Gadkar Sir  
Internal:Vikrant Rai sir

Gadkar Sir:

Type of vessel done after becoming 2nd Engineer

**Question.** Type of insurances and what all comes under each

**Question.** What is Arbitration and when you impose it

**Question.** Propeller Curve and its significance for CE

**Question.** Difference between Class Certificates and Statutory Certificates

**Question.** How will you take care of MLC onboard

**Question.** SCOPIC Clause

**Question.** Fund Convention and its compensation limits

**Question.** Objectives of PSC inspection

Vikrant Sir joined and asked following questions:

**Question.** Ship going to Recycling, what all things you will take care of regarding Certification. (IRRC)

**Question.** Ship has less bunker and only non compliant fuel available. What will you do?

**Sept**

[26.09.21 07:25]

[Forwarded from Savio]

22/09/2021

Attempt#2

External :Gadkar. Examiner:Vikaranth rai

**Question.** Nox tech file.

**Question.** IAPP Survey. XQ: Specify all IAPP certificates

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**Question.** EIAPP, XQ: Explain Family and Group concept.

**Question.** TMON, XQ: Tell about Integrity Test how to do explained the one on watsilla air guard?

**Question.** IMO DCS

**Question.** HK convention. how to prepare before scraping

**Question.** P&I Club how formed. conversation let to overspill Call

**Vikrant rai:**

**Question.** CII , how calculated.

**[25.09.21 07:09]**

**[Forwarded from Rajat]  
Internal- Vikrant Rai sir  
Externak- Gadkar sir**

introduction, rank, types of ship

**Question.** ESP code scope, why required, what all things checked.

**Question.** what else is checked

**Question.** Noise code, requirements, how survey is done. why this required, what instruments used, requirements

**Question.** RO code, why required, what all requirements

**Question.** class RO difference. - who all can become RO

**Question.** TQM, principles what role of CE, who is Customer here.

**Question.** on/off hire survey, scope

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**Question.** delivery, redelivery

**Question.** vetting,

**Question.** OCIMF

**Question.** D1 D2 criteria

**Question.** G8 G9 guidelines.

**Question.** Why BWMS code, what requirements.

**Question.** What was there before BWMS convention where it is mentioned.

**Question.** DSS

**Question.** Viable, non viable, active in BWMS

**Question.** PSU in BWMS

**Question.** how you ensure correct quantity and quality of bunker is supplied.

**Question.** bunker surveyor why need. role

**Nandakumar Naik. 22 09 2021**

**Mr Gadkar & Vikrant Rai.**

**Question.** P&I and h&m Difference

**Question.** Condition of assignment

**Question.** Check in engine room regarding load line survey.

**Question.** Angle of vanishing stability. Angle of loll. And difference between both. Bulkheads. Classification, definition A,B,C.

**Question.** Weather tightness and water tightness difference.

**Question.** ISM functional requirements & how do you implement them.

**Question.** Propeller curve and significance for C/E.

**Question.** SECA area entry, what all precautions and action as C/E.

**Question.** CIC wrt PSC time interval. Who decides.

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**22 Sep 2021**  
**Vikrant Rai sir & Gadkar sir**

General introduction , Type of-ship

Experience as second engineer.

**Question.** what are P&I clubs , how they operate .?

**Question.** what are different compensation regimes?

**Question.** conduct an ISM internal audit of deck department as CE

**Question.** which all certificates are carried on-board?

**Question.** How load line exemption certificate will be granted.?

**Question.** what are duties of Flag State?

**Question.** what are duties of Port state ?

**Question.** How flag state will choose an RO.?

**Question.** As per SOLAS what are the requirements for survival craft?

**Question.** prepare a vessel for load line Renewal survey?

**Question.** what is angle of vanishing stability? What happens to vessel at this point?

**Question.** Explain point of contra flexion?

**22 Sep 2021**

**Vikrant Rai sir / Gadkar sir**

Question. Parametric rolling

Question. Latest amendments in nox technical code

Question. Iso fuel standards - cer value significance,

Question. Hague - Hague visby rules

Question. BoL- Types, differences

Question. Certificates under MARPOL Annex VI, How will you prepare your ship for IAPP survey

Question. Latest amendments in MS act

Question. Demurrage, despatch, laycan

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x Question. - who pays

Question. Explain TQM in detail

Question. FAL convention - why? Certificates. Latest amendments

**Oral date 21-September-2021 MUMBAI**

**Int: Vikrant rai sir , Ext: Gadkar sir**

**Result - Pass**

Type of ship sailed

Question. ESP in detail. Scope of esp survey, what surveyor check and how.

Question. RO code - qualities to become RO ,

Question. P&I ..protection and indemnity meaning. How p&i club collects funds?

Question. Principles of marine insurance. Explain subrogation and proximity cause.

Question. What is NC , MNC . How will u deal with MNC?

Question. EEXI AND CII in detail.

Question. Gz curve - what u get from that

Question. Difference between RO and Class

Question. Noise code survey – scope

Question. Survival craft requirements

Question. bwm - D1 andD2 standard , viable and non viable

Question. flag state inspection and port state inspection...purpose of PSI.

Vikrant rai sir

Question. Bilge tank full , reaching port in 2 days . Action as Ce

Question. Sewage discharge criteria

Question. Can Renewal survey possible without drydocking...

Question. Noise code survey - scope and how measurements are taken, which place

Question. Propeller curve, what significance ,why required

Question. Measures of GHG emission

Question. Green book

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Vikrant rai sir

Question. Ship recycling action as a CE, 35 years old ship

Question. Why COA required

Question. Zero carbon fuel and net zero carbon fuel

**Oral date 21-September-2021 MUMBAI**

**Int: Vikrant rai sir , Ext: Gadkar sir**

Question. LL survey preparation as a CE w r t Engine room, difference between weather tight door and water tight doors and how to do test of water tight doors- method

Question. Difference between third party liability and contractual liability

Question. ALARP system

Question. FF co2 system -5 yearly and ten yearly checks, criteria, how within 2 mins

Question. PSC detainable deficiency given, action as a CE

Question. EEXI AND CII in detail.

Question. Explain unseaworthy ship and unsafe ship

Question. GBS in detail

Question. Noise code survey - scope and how measurements are taken, which place

Question. Propeller curve, what significance ,why required

Question. Measures of GHG emission

Question. Green book

Vikrant rai sir

Question. Ship recycling action as a CE, 35 years old ship

Question. Why COA required

Question. Zero carbon fuel and net zero carbon fuel

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Aug 2021

[28.08.21 07:38]

[Forwarded from Navneet Dutt]

Internal: Senthil sir

External: Gadkar sir and another (not known- Mr.X ☺)

Attempt:4

It started with my introduction and verification of the ID. Mr.X had some trouble in the verifying my CDC because of poor legibility on camera( plz invest in a gud webcam), and was not mighty pleased.

Mr. X

**Question.** What is TQM, what are its principles...as a CE, who is your customer and how will you go about satisfying your customer?

**Question.** What is Decision support system wrt MIS? What is duty of CE wrt to DSS.

**Gadkar Sir...**

**Question.** What is an NC, as a CE what actions to take upon getting a NC?

XQ...what is difference b/w MNC and NC?

XQ...what is difference b/w CA and PA?

XQ...how to verify CAPA made is correct and implemented onboard?

**Question.** What is RO code, what are specific duties of Class wrt being a RO?

**Question.** What is the purpose of PSC inspection?

XQ- what is no more favourable treatment?

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**Mr. X...**

**Question.** Your vessel is in drydock, as a CE what all things u will check?

XQ...what all things to check on propeller?

XQ...What all clearances are measured, instrument for measuring stern tube brg wear down?

**Question.** You found a dent on the shipside, how as CE will you go about reporting it to class and company...what all things will u check, how will you come to know location of damage?

**[Forwarded from Gopi Patel]**

**Date:18th August 2021**

**Gadker sir and Mukhopadhyay sir**

1. Type of ship done after class II coc

**Question.** ESP, what is special survey and criteria.

**Question.** Under what convention PSC is related to IMO. Objectives of PSC.

**Question.** RO and class. Difference and responsibilities of RO.

**Question.** Noise code. Criteria for noise measurements, NEL.

**Question.** Unclos, duties of flag state as stated in article 94. Duties w.r.t nationality of ship ( article 92).

**Question.** Hague convention - Hague Visby.

**Question.** Hamburg rules

**Question.** CIC

**Question.** Difference between survey and audit.

**Question.** What do you understand by ratification.

**Question.** MOC

**Question.** Importance of propeller curve to CE. Torque rich condition/effects/ remedies.

**Question.** ESI, EEXI, EEDI, what is attained EEDI/ formula, latest developments in reduction of GHG emissions.

Mukhopadhyay sir asked 2 questions

**Question.** NC, MNC and actions in case of MNC.

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**Question.** Incident that led to Paris MoU/ history.

[18.08.21 19:44]

[Forwarded from Sunil Joshi]

Mukhopadhyay Sir and Gadkar Sir  
Attempt 2nd ... 1st attempt from Kolkata

**Question.** Subdivision index

**Question.** ESP X what ships X which is more stringent

**Question.** h&m vs P&I

**Question.** nox tech code

**Question.** propeller curve importance

**Question.** cross curves of stability

**Question.** clear ground

**Question.** CIC

**Question.** class vs RO

**Question.** IACS fullform and details .... what significance for IMO

**Question.** BWMS CONVENTION. D1 D2 standards in Detail

**Question.** what do u understand by Viable organisms

[18.08.21 19:24]

[Forwarded from Manish Singh]

Inter: Senthil sir

**Question.** Types of audits under ISM and the certification

**Question.** Interim audit and validity

**Question.** Elements of ISM

**Question.** Emergency fire pump failed, how to proceed as chief engineer under ISM

**Question.** Types of test in portable extinguishers, difference of requirement under flag state and solas

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## External: Gadkar sir

**Question.** What is PR 17

**Question.** Propeller curve explain, when why and what

**Question.** True slip and apparent slip

**Question.** H and M and P and I , diff, comparison, why and what

[Forwarded from Kushal Chawla]

Oral date - 17/8/2021

Senthil sir

**Question.** Registry requirement and documents needed.

**Question.** Container safety convention what can you say about it.

**Question.** firefighting system maintenance and flag state as per Indian government requirement.

**Question.** there has been a fire and it have been extinguished what all things you will take care of after that incident.

**Question.** ism related what all things to do relating this incident apart from reporting to the company

**Gadkar sir.**

**Question.** propeller curves information.

**Question.** factors that can contribute towards increase in fuel consumption external only.

**Question.** as ce how would you conduct ism audit of your ship. if there is nc how to go about it.

**Then asked about preventive and corrective plan difference.**

**Question.** one month after you join your ship is going to dry dock what actions as chief engineer.

**Question.** stcw certificates

**Question.** paint scheme.

**Question.** Sub division index what all you know.

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**JULY 2021**

[Forwarded from Gavin Azavedo]

Attempt 2

27.07.21

Mumbai

Internal: Senthil Sir

External: Gadkar Sir

Result: Pass

Intro:

Types of ships done

Number of Oral attempts and if Writtens cleared.

Below 3 questions by Senthil Sir,

**Question.** Noise code and requirements with respect to E/R

**Question.** As a C/E how will do ISM audit for the deck department.

**Question.** What is your understanding of Insurance, Assurance and Indemnity.

Below questions by Gadkar Sir.

**Question.** What are the 8 principles of TQM.

**Question.** What is Goal Based Standards.

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

**Question.** What is EEXI.

**Question.** What is decision support system.

**Question.** What is OPRC.

**JUNE 2021**

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[Forwarded from Abhijit S]  
Mr Gadkar Sir and Mr Senthil Sir  
2nd attempt-23/06/21  
Orals taken by gadkar sir

Brief about yourself . Company and experience.  
Type of ships: oil and chemical

**Question.** 3 tiers of pollution liabilities

- liabilities limit in each tiers
- persistent oil definition
- what if bunker pollution occurs

**Question.** name few defects that can take place in boiler

- how to rectify defects

**Question.** define major non confirmity. - example of MMC

- what if MNC is given to

**Question.** concentrated campaign by psc

- role of psc
- scope and WIC all convention does psc covers

**Question.** what is G-8 and G-9 standards

- what is active substance

**Question.** define hazardous substances

- what is IHM
- under WIC convention IHM and its significance
- IHM survey, green passport

**Question.** Dry dock documents

- shell expansion plan , how this plan is useful to you in dry dock

**Question.** major incident that you have experienced onboard.

[Forwarded from Shivkumar Tallikar]

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23.06.2021

MMD MUMBAI.

MR. SENTHIL SIR AND MR. GADKAR SIR.  
RESULT- PASS

MR. SENTHIL SIR

**Question.** EXPLAIN UNCLOS AND WHERE IT IS MENTIONED ABOUT POLLUTION ARTICLE. IN DETAILS.

**Question.** BWMS. CRITERIA, APPLICABILITY AND WHAT ALL STDS AND METHODS.

IS INDIA RATIFIED OR NOT.

**Question.** FIXED FIRE FIGHTING SYSTEM IN DETAILS.

**Question.** NOISE CODE.

MR. GADKAR SIR.

**Question.** INCLINING EXPERIMENT IN DETAIL.

**Question.** LIFEBOAT MAINTENANCE IN DETAIL.

**Question.** AFS CONVENTION IN DETAILS.

**Question.** HONGKONG CONVENTION.

**Question.** STATUTORY SURVEY.

[Forwarded from Saurav Jha]

23/06/2021, Mumbai

Senthil sir and Gadkar sir

**Question.** ALRPA or something similar sounded, wasn't able to answer, once he told it's human element started with heart and Therp,

**Question.** Nox tech file

**Question.** Stability curve

**Question.** Stability criteria for BC

**Question.** IMO DCS

**Question.** Condition of assignments

**Question.** Decision making criteria

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**Question.** MOU, requirements of MOU

**Question.** P&I cover items

**Question.** Engine derating

[Forwarded from Devendra]

Date: 23rd June 2021

Gadkar Sir

Senthil Sir

**Question.** Tail shaft survey

x **Question.** - can you extend the tail shaft survey? and for how long?

X **Question.** - how can you apply for the extension, the criteria

x **Question.** - How to do LO analysis (methods)

**Question.** Tell me about RO code

x **Question.** - what conditions are required to become RO

x **Question.** - what is difference between RO and Class

**Question.** what is Lay can, Demmurage, Dispatch?

x **Question.** - who pays

**Question.** What is SAFCON survey?

x **Question.** - how you will prepare for the SAFCON survey as a chief engineer

**Question.** What is difference between SAFCON and Safety Equipment Survey

**Question.** your propeller is damaged, how will you know? x **Question.** - what could be the damages to the propeller?

x **Question.** - how will you repair it?

x **Question.** - what you will do if the tip of the propeller is broken

**Question.** your Electrical officer's Medical certificate is expired while at sea, what is provision for it?

x **Question.** - where the provision is given?

**Question.** Tell me about SQM [this is TQM]

x **Question.** - Difference between SQM and ISM

**Question.** Explain Hong kong convention

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- x **Question.** - what are the parts of the IHM form?
- x **Question.** - what are the Hazardous material, name few.
- Question.** what is EEXI and its formula
- x **Question.** - what is the difference between EEXI and EEDI
- Question.** explain propeller curve

March 2021

[Forwarded from Shanid Cholayil]

Int Ashish wankede sir

Ext: Kapoor sir and Gadkari sir

18.03.21

Attempt-2

Result -Pass

**Question.** What is statical and dynamic stability.

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**Question.** Statical stability curve

**Question.** Role of ILO in MLC

**Question.** MLC in detail.

**Question.** Wreck conventions and certificates.

**Question.** COFR and Blue card.

**Question.** HKC IHM and cross

[22.03.21 18:46]

[Forwarded from Kamal S Chauhan]

Wankhede Sir...

Gadkar Sir,Kapoor Sir

Mumbai,

18th March

Brief intro about u as 2E

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**Question.** Condition of assignment.

**Question.** How u ll prepare for loadline survey..plenty x ques ,specially regarding tests

**Question.** How to go for Ism External Audit?? Deck dept audit „Pr 7??

**Question.** Difference between suspension and withdrawal,,effect on Insurance..eg for both ..cross ques

**Question.** Observation,NC MNC& Deficiency.Explain with examples..lots of x ques by Wankhede Sir..

**Question.** If COC due to machinery breakdown,no spares available. time in coc expired.Action as Ce.

**Question.** Significance of next month w.r.t indian Shiping.??

**2020**

16.09.20 14:29]

[Forwarded from Ravindra Kakade]

Attempt:2nd

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**MMD Mumbai**

**Int. Mr.Senthil Kumar Sir**

**Ext. Mr. Gadkar Sir**

**Question.** Chem Tanker certificates

**Question.** All statutory certificates

**Question.** SMS Mgmt review

**Question.** Master's review / 6. Inputs/ outputs

**Question.** CIC by PSC

What is the basis of deciding area to be inspected?

**Question.** Types of charter with bit of explanation

**Question.** Principles of marine insurance with bit of explanation

**Question.** ME power train/QPC

**Question.** Latest fuel specification standard

[22.08.20 10:46]

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[Forwarded from Kunal rana]

Date 21-aug-2020

Attempt :3rd

Result :Pass

Mr gadkar

Mr. Kamath

**Question.** Difference between statutory survey and Class survey

**Question.** Certificates under statutory survey and Class survey.

**Question.** What is special survey

**Question.** Significance of propeller curve to chief engr

**Question.** Motorman died due to c/c explosion how you will prepare his case to get compensation

**Question.** MOU, PSC convention and regulation, why psc is required if we have flag state

**Question.** Flag state and port state difference. Duties of flag state and port state.

**Question.** Who give power to psc

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**Question.** How as a chief engr you plan for ship recycling

**Question.** Where u will find if your ship has a psc deficiency

**Question.** vessel has collided and there is a dent how you will proceed for plate renewal....how u will measure the depth of the dent.

**Question.** What is shell expansion plan

**Question.** Subdivision index

**Question.** Fire in purifier room, how as a chief engr you will proceed

**Siddhesh, [21.08.20 22:38]**

**21 Aug 2020**

**Int: Kamath sir**

**Ext: Gadkar sir**

**Question.** What is contractual liability?

xq. Third party liability?

xq. Limitation of liability

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**Question.** In a 2nd hand ship, how you decide which machinery is to be critical?

**Question.** Explain IMO structure?

**Question.** What are CE duties as per STCW?

**Question.** You are arriving to a port, your crew is fatigue, your actions as CE?

**Question.** What is Laycan?

**Question.** Explain about CO2 fixed fire fighting all surveys.

**Question.** What is HSSC? Why it came into picture? Which is one certificate not aligned with HSSC?

Praveen Tanneer, [21.08.20 21:37]

21 August 2020

Internal - Kamath sir

External - Gadkar sir

Result pass

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**Question.** Dry dock interval, and in case of Tmon DD interval.

**Question.** Withdrawal of propeller, checks before withdrawal.

**Question.** Checks on rudder in DD

**Question.** Drydock before flooding checks, all checks at intermediate stages of flooding

**Question.** Tmon, condition for assigning tmon notation.

**Question.** Elements of ISM for engineer

**Question.** How to prepare list of critical spares.

**Question.** Statutory certificate for oil tanker.

**Question.** Bunker convention

**Question.** Emergency pump not working in port action as CE

**Question.** PSC codes for detention and for deficiency.

**Question.** Checks during sea trial

[21.08.20 13:08]

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[Forwarded from Aqua87]

**Attempt 5**

**Internal:Vikrant Rai sir**

**External:Gadkar sir**

**First Gadkar sir took orals**

**Question.** 3 tier of oil pollution damage and its compensation limit in CLC?

**Question.** Which convention applies to Mauritius incident? Bunker convention applies to which ships?

**Question.** Arbitration

**Question.** Psc who gives the power?

**Question.** Propeller damage How will you come to know about the damage? what is the effect of the damage?

**Question.** Noon report

**Question.** Checks carried during dry-dock flooding.

**Question.** Checks on rudder during drydock

Vikrant sir joined in told that he wants to ask some questions.

**Question.** How will you prepare for Ship recycling?

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**Question.** Wages not paid for 3 months

**Question.** CIC

**Question.** 1 generator is not working, what are your actions

[21.08.20 13:05]

[Forwarded from Aseem]

20.08.2020

Internal- vikrant rai sir

External- gadkar sir

Intro

**Question.** Name 5 imo instruments

**Question.** How will you ensure your ship complies with solas

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**Question.** What are the certificates under solas

**Question.** What all surveys required to complete safcon

**Question.** Duration of safcon

**Question.** What is Bnwas, requirement and date stored for how long

**Question.** Psc, conventions with regulations

**Question.** Under which unclos is psc..what is unclos and where will you find if your ship has psc deficiency

**Question.** Seemp and requirement

**Question.** Pr17

**Question.** What on a second hand ship will you check as a ce

vikrant rai sir

**Question.** What is eedi..significance

**Question.** What is the duration of docking survey?

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**Gadkar and wankhede sir**

**20 8 2020**

**Question.** How will you implement ism on a new ship.

**Question.** How will you train your 5eng

**Question.** Esp code, document why esp

**Question.** Me lube oil level is dropping where is the leak.

**Question.** Requirement for dry dock

**Question.** Plans required in dry dock content of docking plan

**Question.** Why is vetting inspection carried out. Says we have psc fsi class the why additional vetting is required.

**Question.** Safeties in dry dock.

**Question.** Why do we need classification society and what is its importance.

**@nkur, [20.08.20 17:34]**

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**External: Gadkar sir**

**Internal : wankhede sir**

**20.08.2020**

**Question.** Joining as CE on new vessel , ISPS implementation? Interim ISSC , Full term ISSC

**Question.** CSR, in details FORM 1,2,3

**Question.** TMON

**Question.** Tailshaft survey methods.

**Question.** MLC certificates, documents to carry on-board.

**Question.** ME lube oil consumption increases?

**Question.** Psc usually points out 1 wrong entry into ORB .. what is that entry.. ?

**Question.** ESP in details ( history and purposes ) , when 1st ESP survey will start for tanker ? Survey programming , survey questionnaires

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[20.08.20 11:49]

[Forwarded from Mihir Padalkar]

Mihir Padalkar, 19 aug 2020

Mr.wankede sir and ext gadkar sir

Gadkar sir

**Question.** What are 4 pillars of imo

**Question.** what is dmlc in this mlc conv

**Question.** what are sp surveys

**Question.** What are statutory surveys n class surveys

**Question.** What all check you will tell to conduct your 2e w.r.t safecon survey.

**Question.** Suppose u take over a new bulky what all cert u should have

**Question.** What all under annex 6 ie cert

**Question.** What is given in nox tech file

**Question.** What is tmon

**Question.** What all checks on lifting appliances

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[19.08.20 19:01]

[Forwarded from AN]

Date : 19/08/2020

Surveyor : Mr Gadkar sir

**Question.** Tell me about tail shaft survey / Methods / interval /TMON requirements

**Question.** you are going for tail shaft survey what all items will you prepare / tools / spares / then

Ashish Wankhede sir left after this.

**Question.** MOU

**Question.** You are going to take a ship on time charter as a C/E what are the 2 most important things that would want to check

**Question.** IACS, what is the different between UI and PR

**Question.** Boiler survey interval

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**Question.** SFOC is min at what load ? Why do u slow steam at much lower load then?

**Question.** P&I. if H&M is taking  $\frac{3}{4}$  why u need P&I

**Question.** You are on a ship and a motorman died on board. How will you proceed to make sure that you get compensation?

**Question.** Noon report

**Question.** Difference between real slip and apparent slip / what is your interpretation of Apparent slip.

**03/2020**

Mahavir Singh Rawat, [19.03.20 16:16]

[Forwarded from Mahavir Singh Rawat]

18.03.2020

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**GADKAR SIR**

**Question.** SEEMP- 1, 2 Explain

**Question.** Container class notation,

**Question.** Propeller curve – torque rich condition

**Question.** PSC, MOU, How information is exchange

**Question.** A60 Bulkhead –

**Question.** Unseaworthy & unsafe ship

**Question.** Co2 fixed fire fighting 1,2,5,10,15 yearly Maintenance

**Question.** Accumulation of pressure test -For safety valve

**RAI SIR**

**Question.** Container ship – E/R bilges, Pollution outside ship. Comes under which convention

**Question.** Bunker convention

**Question.** SEEMP- 1, 2 Explain

**Question.** Whom to submit.

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**Lav Sawant, [18.03.20 15:42]**

**18.03.20**

**DGS, internal Gadkar sir**

**Question.** 3 tiers of oil pollution damage compensation

**Question.** Hot n cold corrosion, how to distinguish cold corrosion?

**Question.** EGE tube leak indications and how to locate leaking tube

**Question.** CSM

**Question.** Tailshaft monitoring

**Question.** H&M and P&I scope

**Question.** Laycan and laytime

**Question.** GA & PA

**Question.** All conventions and their respective certificates

**Question.** Loadline survey scope

**Question.** Watertight and weather tight access

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**Ro\$\$, [18.03.20 13:25]**

**[Forwarded from Ro\$\$]**

**18/03/2020**

**GADKAR**

**Question.** Propeller curve. Draw and explain.

**Question.** Contents of P&A manual

**Question.** Ballast water management. What is G8 & G9 standards.

**Question.** What are active substances?

**Question.** Drydock. What all docs required. What is capacity plan.

**Question.** How will you know if your ship is complying with all the Conventions?

**Question.** Condition of Class. How will you know if your vessel has got a COC.

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**Feb**

**Ganesh, [25.02.20 18:03]**

**[Forwarded from Ganesh]**

**1st attempt**

**Kamath sir and Gadkar sir**

**Question.** hongkong convention and how u implement

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

**Question.** Latest fuel oil edition

**Question.** Load line survey and how u prepare

**Question.** hssc and survey details

**Question.** Propeller curve

**Question.** bwms and def of active substance

**Question.** Bridge equipments VDR, AIS and speed log

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**Vinod, [25.02.20 17:48]**

[Forwarded from Vinod]

For motor endorsement, 1st attempt

Kamath sir n Gadkar sir took orals together

**Question.** What is special survey?

**Question.** How is your dfde ship efficient than steam propulsion ship.

**Question.** what is methane slip.

**Question.** Explain millers cycle

**Question.** Draw and explain Otto cycle,diesel cycle

**Question.** Microbial degradation n what are your actions as CE

**Question.** Explain Sulphur cap 2020,what is your action as CE if there is non complaint fuel onboard

**Question.** enclosed spaced entry procedures ,n details about the permit,what are the hazards in cleaning f.o tanks

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[25.02.20 17:02]

[Forwarded from Vikas Kukreja]

Attempt 1st

Kamath sir

Gadkar sir

**Question.** Ism elements relevant to ce

**Question.** N.C how to close NC

**Question.** Certificate as per statutory surveys convention

**Question.** PA & GA

**Question.** Types of insurance

**Question.** Tier 1,2,3

**Question.** New amendment in 2020 in marpol

**Question.** III code

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2nd round

Kamath sir

**Question.** Class vs statutory survey

**Question.** How Propeller manufactured casting or forging, crack in propeller how to find non destructive test which to perform on propeller to find crack

**Jan**

Sailor, [21.01.20 19:21]

[Forwarded from Jerome]

Jerome Joseph

21.01.2019

Third attempt.

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Int - vikraant Rai...ext-gadkar

**Question.** Types of charter and CE duties on voyage and time charter

**Question.** pr 17

**Question.** iacs, how many members and it's relation to imo

**Question.** tcm or tmon notation requirement

**Question.** Performance of engine .draw card .power card.

**Question.** Grades of steel

**Question.** 0.5 sulphur effects on engine and how to handle 0.5 percent fuel

**Question.** P&I scope and h&m scope ...who insures what

2nd round Vikraant Rai

**Question.** Imo dcs

**Question.** FONAR

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Chidanand Hasabnis, [21.01.20 17:30]

DG, Mumbai

4th Attempt

Ext Gadkar

Int Rai

**Question.** List all conventions that apply to your ship.

**Question.** What is UNCLOS?

**Question.** Your responsibilities under UNCLOS?

**Question.** No more favourable treatment?

**Question.** IMO?

**Question.** Tacit acceptance and how conventions are enforced?

**Question.** Noon slip details.

**Question.** How will you evaluate ME performance. Draw prop curve.

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**Question.** Hull vibrations. Reasons.

**Question.** Propeller damage.

Int Gadkar

**Question.** On what Basis PSC conducts ship inspection.

**Question.** Boiler derating.

**Question.** Anniversary date.

**Question.** If crack in one side TST, what will be your risk assessment?

**2019**

virender, [21.12.19 19:16]

Date 20/12/2020

DGS

Ext. Gadkar sir

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Int.kamath sir

- 1)Gen introduction,type of ship, seatime after class 2.
- 2)Name the Conventions u know.
- 2) Certificate carried by tanker?
- 3)diff b/w ammendment and protocol
- 4) psc general questions. Why psc when FLAG STATE.
- 5) what is pr17
- 6) Salvage convention
- 7)tacit or explicit amendment procedure
- 8)few more questions can't recollect .

Was able to answer 9out of 10 questions

Internal- Kamath sir

Was very busy. Great human being as I have always heard of him.

Q-which company

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Which type of engine

[Forwarded from Vikas Sharma]

20.12.2019

Attempt no. 3 @DGS

External gadkar sir & internal Kamath sir.

Introduction, type of ships, how many ships as 2E and which company.

1. Inclining experiment in detail.
2. Intact stability & damage stability.
3. Who powers PSC under what all conventions.
4. Boiler survey as CE.

what are type of corrosion and area most affected with corrosion.

Caustic embrittlement.

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what all things you will check as CE before doing boiler survey.

Types of boiler tubes.

Procedure for removing boiler tube(single tube/tube stack)

5.life boat davit checks, maintenance and tests in detail.

6. CO2 bottles inspection checks as CE ,what all things checked and intervals for same.

7. AFS certificate it's validity.

Who issues this certificate

What all things mentioned in this certificate.

8.Quality and quantity of bunker prior bunkering how as a CE you will make sure to avoid any conflict.

Forwarded: Ambarish Vaikunthe, [20.12.19 16:04]

Ext Gadkar sir..

Int Kamath sir..

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Basic intro..which company ..what type of ships

Type 2 chemical tankers..was asking about presea training..how many months as 2e ...general..

1Types of chemical tankers.. said about type 12 3

2. Details of xyz cargoes

3.discharge criteria for chemical tankers..told as per marpol Annex 2: prewash ..discharge to shore .. under water discharge....7 knots

12 nautical miles 25 m depth

4. Certificate carried for above ships....told about int fitness certificate for cargo carriage

5. Scope of survey to issue above certificate..told about construction ...operations ...

6.what is p and a manual

7.condition of class I explained and gave example of damage to hull

8. Hole in plate in cargo tank u came to dock action to take for insert plate..

9. Stability criteria....

10.angle of loll...

11. 0.5 percent sulphur fuel

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Round 2 kamath sir

How was your attempt....

I said I gave my best...I did well...

He asked only one question ...difference between amendment and protocol....

Vikram S, [20.12.19 14:33]

Gadkar @dgs

1. Elements of psc..unclos requirements for psc...definition of psc as per unclos...xq..went into accession and ratification etc etc...
2. Safcon survey
3. How to take bunker as chief engineer
4. Tailshaft survey...went deep into method 1..how propeller is removed...what is a pilgrim nut...how does it operate..how to take propeller clearance...
5. Vanadium and it's effects and according to latest iso 8217 what's the value supposed to be...

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6. Noon report and then xq on speed over ground, speed through water , and all details of the noon report with the meaning and purpose of them.

Kamath sir

1. Subrogation
2. Difference in protocol and amendment
3. Anchor not coming up reasons?

Old MMD

19.12.2019

Ext-Gadkar Sir, Int-Senthil Sir

1. Name all the statutory survey and certificates on ship along with convention name
2. Explain why inclining experiment is required and procedure in detail

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3. During drydock you found a hull plate with holes and an insert of 50cm by 50cm to be welded, explain in detail how will you proceed with the job.
4. what is back gouging?
5. What is the scope of the SAFCON survey and how will u prepare for it?
6. What is UNCLOS?
7. PSC duties and can PSC do inspection of all ships?
8. What are checks on CO2 fire extinguishing system, specify all intervals and what checks?

Ashish Malik, [16.12.19 20:31]

16.12.2019

Gadkar sir

Result- fail

1. Element of PSC. Diff b/w flag state, port state & coastal state.

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2. What is MOU, number of MOU, Australia in which MOU.
3. COC, how CE at tym of joining know dat COC is give to ship.
4. Statutory certificate carried by ship. Safcon...?
5. Which survey done by class and which by flag. And why.
6. EGE tube leak, action as CE, how to rectify.
7. CLC convention in detail.
8. On hire and Off hire survey.
9. As a CE, How will u take bunker on a ship.

Gadkar sir

1. IMO
2. class and statutory survey
3. hongkong convention
4. who powers psc

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- 5.propeller repair in detail
- 6.rudder checks in drydock
- 7.flag state , port state, coastal state
- 8. Anniversary date
- 9. Smc audit

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